

Transnational toolbox and service portfolio for innovation support according to joint standard



IaaS 4 DR - DRP0200211
*Innovation as a Service for accelerated
innovationand industrial transition in industrial
rural and remote areaswith low innovation
capacity in the Danube Region*

D.1.2.2
**Transnational toolbox and service portfolio
for innovation support according to joint standard**

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Summary

In the framework of the laaS 4 DR project, the partners developed a model for a standard innovation support services portfolio for accelerated innovation and industrial transition in rural and remote areas, which will serve in upcoming activities as a basis for the identification of training needs and the upgrade of the regional innovation support ecosystems in the project regions. The model for a standard innovation support services portfolio for accelerated innovation and industrial transition in rural and remote areas agreed upon by the project partners covers:

- **A strategic framework**, directly connected to the innovation support ecosystems as whole. The strategic framework addresses the main innovation policy areas, the main target groups, and stakeholders for any regional innovation support ecosystem.
- **An operational framework**, connected to the innovation support themselves. Services are classified along the categories: soft support, spaces/infrastructures, and funding schemes.

The following canvas summarises the laaS 4 DR model for a standardised innovation support services portfolio:

ECOSYSTEM (Strategic framework)	Thematics / policy areas	Target groups along business lifecycle	Stakeholders
	Innovation Digitalisation Growth&Competitiveness Climate& sustainability Skills & education	Stand - up Start - up Scale - up Mature	Public authorities Education and research Private sector Civil society
SERVICES (Operational framework)	Soft support (access to)	Spaces / Infrastructure (access to...)	Funding schemes (access to...)
	Information Expertise (coaching), specialised consulting... Knowledge (training, workshops...) People (HR...) Markets (business development) Funding (investment readiness...) Technologies (technology readiness...) Collaboration partners IPR ...	Office facilities Development / prototyping facilities Research facilities Testing facilities Production facilities (e.g. small lots) Learning facilities (learning factory) ...	Grants & subsidies Credits & loans Guarantees Equity funding

The laaS 4 DR project

laaS 4 DR aims at improving organisational and structural capacities for accelerated industrial transition through innovation and technology transfer in regions with a low innovation performance and weak innovation infrastructure by:

- **Building regional Innovation as a Service nodes in the project areas**
- **Developing a transnational community of trained innovation and industrial transition professionals,**
- **Demonstrating the potential of the project approach in transnational pilots.**

The project targets traditional industrial regions in transition with a low innovation performance and weak innovation infrastructure, either in absolute terms or in comparison to e.g., more innovative urban or capital regions. Typical challenges are:

- **Structural change due to accelerated and intensified transformation processes.**
- **Below average innovation and risk culture in the economy.**
- **Shortage of skilled workers.**

In those regions, innovation support and technology transfer approaches are also often lagging, building on conventional, still linear as well as top-down technology-based approaches.

Overall objective and expected change

laaS 4 DR aims to create in the target regions the conditions to be able to deliver locally durably improved and integrated innovation support services – i.e. different service providers combining seamlessly their services - which are going significantly beyond what they can do by building on their own limited resources.

This shall be achieved by combining:

- **Capacity building activities for the innovation professionals to increase the level of innovation support competence in each region.**
- **Collaboration models among innovation support providers in the regions increasing the level of integration between innovation support services providers.**
- **Mechanisms to reach out to additional, transnational expertise and setup flexible innovation support teams/consortia delivering advanced innovation support services ‘on demand’, making use of resources not permanently available in the regions.**

The ambition is to significantly leverage the capacity of business support organisations, innovation intermediaries and tech transfer organisations, to develop durably the regions’ innovation infrastructure and operational capacity. The specific objectives are derived from this ambition:

SO1 - Building regional quadruple helix partnerships (laaS nodes) for improving the regional governance and operational capacity to deliver comprehensive and integrated innovation support services.

laaS 4 DR - D.1.2.1 Transnational toolbox and service portfolio for innovation support

SO2 - Ensure knowledge transfer within the partnership and training of innovation sup-

port providers. Building up on local and transnational level a sustainable community of laaS experts, ensuring availability of experts beyond the project.

SO3 - Demonstrate the potential of the project approach to foster innovation, technology transfer and industrial transition through transnational pilot activities. Scale-up and sustainability.

Innovative approach

laaS 4 DR will explore an innovative approach to improve capacities for delivering innovation support services. We call it Innovation as a Service (laaS). It is inspired from the business concept of servitization of the economy and includes components such as outsourcing innovation management, access to expertise

and infrastructures, accelerated innovation processes, continuous learning, and improvement. A further novelty and challenge are to establish durable mechanisms enabling a flexible access to resources supporting projects on an agile, ‘on-demand’ basis.

Objective and scope of the transnational toolbox and service portfolio for innovation support according to joint standard in laaS 4 DR

In the framework of the first activity of the project, the partners developed a model for a standard innovation support services portfolio for accelerated innovation and industrial transition in rural and remote areas.

This model was developed based on:

- **A mapping and analysis of innovation support services and regional ecosystems currently to be found in the project regions.**
- **Desk research on the state of the art for innovation support services and ecosystems.**

The objective is to define across partners a harmonised and standardised service portfolio for innovation support, which will serve in upcoming activities as a basis for the identification of training needs and the upgrade of the regional innovation support ecosystems in the project regions.

Having a harmonised and standardised service portfolio for innovation support does not imply that all regions shall provide the same innovation support services. The common model is much more meant to provide the partners with a common basis for the identification and classification of services, making comparison and transnational interaction easier. By using

this model, partners will be able to compare their ecosystems and services in an easier way, as well as identify gaps to be potentially addressed in a more systematic manner.

The laaS 4 DR model is therefore not to be un-

derstood as a policy statement, but rather as a tool supporting the implementation and delivery of innovation as a service on the regional and transregional level. In the end, it will remain up to the members of each regional laaS 4 DR node to define its own priorities.

This canvas summarises the laaS 4 DR model for a standardised innovation support services portfolio.

ECOSYSTEM (Strategic framework)	Thematics / policy areas	Target groups along business lifecycle	Stakeholders
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SERVICES (Operational framework)	Soft support (access to)	Spaces / Infrastructure (access to...)	Funding schemes (access to...)
	Information Expertise (coaching), specialised consulting... Knowledge (training, workshops...) People (HR...) Markets (business development) Funding (investment readiness...) Technologies (technology readiness...) Collaboration partners IPR	Office facilities Development / prototyping facilities Research facilities Testing facilities Production facilities (e.g. small lots) Learning facilities (learning factory) ...	Grants & subsidies Credits & loans Guarantees Equity funding

The laaS 4 DR harmonised and standardised service portfolio for innovation support served in upcoming activities as a basis for:

- **The identification and description of specific innovation support services, including good practices,**
- **The identification of training needs and the upgrade of the regional innovation support ecosystems in the framework of regional laaS nodes.**

More specifically, the model was used for the elaboration of a Toolbox for innovation support. For each of the service categories iden-

tified in the standardised innovation support services portfolio, a factsheet has been produced, encompassing:

- **A description of the service.**
- **Practical recommendations for implementation.**
- **laaS 4 DR - D.1.2.1 Transnational toolbox and service portfolio for innovation support**
- **Supportive good practices identified by the partners within their regional and national environments.**

Transnational toolbox and service portfolio for innovation support according to joint standard

As the laaS4DR project addresses primarily innovation support services and service providers, the partners decided to focus on the soft support services as well as the services based on spaces and infrastructures. As a matter of fact, influencing directly regional funding schemes is neither an objective of the project nor a realistic outcome. However, relevant aspects related to the use and the access to funding schemes by innovators and entrepreneurs are covered under the core soft support service ‘access to funding’.

Consequently, the transnational toolbox encompasses the following services:



Soft support:
Spaces / infrastructure

Spaces and infrastructure-based services are such services requiring specific facilities or pieces of equipment for their delivery. They include typically (non-exhaustive list) providing access to...

- Office facilities
- Development/prototyping facilities
- Research facilities
- Testing facilities
- Production facilities (e.g., small lots...)
- Learning facilities (learning factory, ...)

The transnational toolbox is divided in 2 main parts:

Part 1: Soft support services.

Soft support services are based on knowledge transmission. Such service which can be delivered onsite or remote without involving any specific piece of equipment, except for computers, classrooms, books, etc. They include typically (non-exhaustive list) providing access to:

- Information
- Expertise (coaching, specialised consulting, ...)
- Knowledge (training, workshops...)
- People (HR...)
- Markets (business development)
- Funding (investment readiness, ...)
- Technologies (technology readiness, ...)
- Collaboration partners
- IPR

Considering the strong connections between the services related to information, knowledge and expertise, they have been tackled together. The same goes for the services related to IPR and technologies.

Part 2: Access to innovation facilities, which covers the services building on the availability of spaces and infrastructures.

Spaces and infrastructure-based services are such services requiring specific facilities or pieces of equipment for their delivery. They include typically (non-exhaustive list) providing access to:

- Office facilities
- Development/prototyping facilities
- Research facilities
- Testing facilities
- Production facilities (e.g., small lots...)
- Learning facilities (learning factory, ...)



Transnational toolbox and service portfolio for innovation support - Soft support services

Access to information / expertise / knowledge

In the context of innovation and entrepreneurship, “Access to Information / Expertise / Knowledge” as a supporting service involves equipping innovators with essential knowledge, expertise and data that is crucial to navigating the innovation ecosystem. This includes information on intellectual property (IP), market trends, funding opportunities, technology commercialization, and more. The aim is to foster innovation and support growth by providing tailored information at each stage of the innovation process. Expertise services encompass a wide range of areas, from general business consultancy and market analysis to advanced technology transfer and intellectual property rights (IPR) protection. The aim is to support entrepreneurs at various stages of their journey, ensuring they can confidently navigate the complexities of launching and scaling businesses or innovation projects.

KEY CATEGORIES OF THE INFORMATION SUPPORTING SERVICE:

- **Intellectual Property Information:** Guidance on protecting IP, including patents, trademarks, and copyrights, as well as advice on managing and leveraging IP assets.

- **Market Intelligence:** Insights into market needs, competitive landscapes, and trends to help innovators and researchers identify opportunities for commercialization.
- **Funding Information:** Information on grants, venture capital, and other funding avenues, including the criteria and application processes.
- **Regulatory Information:** Updates and guidance on regulatory frameworks that impact the innovation process, including compliance with legal requirements.
- **Knowledge Transfer Channels:** Information on how to engage with knowledge transfer offices, technology transfer initiatives, and university spin-off programs. The

Knowledge service aims to facilitate the acquisition and dissemination of vital information for partners, providing them with the resources, expertise, and insights necessary to foster innovation and entrepreneurial growth within university settings. This service encompasses learning materials, best practices, training programs, and knowledge-sharing platforms to support the development of spin-offs, start-ups, and technology transfer initiatives. It also enables the exchange of success stories and the implementation of new technologies and business models into entrepreneurial ventures.

MAJOR CATEGORIES OF KNOWLEDGE SERVICES ARE:

- **Entrepreneurship Learning Materials:** Development and distribution of handbooks, guides, and e-learning resources on entrepreneurship topics, including business model innovation, start-up management, and market research strategies. Comprehensive knowledge resources tailored to specific sectors such as tech-based start-ups, social enterprises, or university-driven spin-offs.
- **Workshops and Training Programs:** Structured workshops on essential business topics like marketing, business process optimization, intellectual property (IP) protection, and technology adoption.
- **Knowledge Sharing and Best Practices:** Platforms for sharing success stories, case studies, and lessons learned from successful start-ups and university spin-offs. Forums for exchanging best practices in innovation management, technology commercialization, and scaling businesses within academic contexts.
- **Specialized Support for Technology Implementation:** Consultancy and coaching for partners on integrating new technologies and innovative business models into their processes.
- **Mentoring and Peer Learning:** Mentoring programs where experienced entrepreneurs, academics, and industry experts provide advice and insights to aspiring business founders, and peer learning groups that encourage the exchange of knowledge and experiences among university-based entrepreneurs.
- **Business and Market Development:** Support with business model creation, strategic planning, market entry strategies, competitor analysis, consultancy on sales and marketing tactics, customer acquisition, and revenue generation models for start-ups and spin-offs.
- **Legal and IPR Consultancy:** Guidance on the legal structures of businesses, including setting up legal entities, contracts, compliance with regulations, and Intellectual Property Rights (IPR) protection services, including patent filing, licensing, and technology transfer agreements for university-driven innovations.
- **Technology and Technology Transfer:** Support to help commercialize research outcomes, including consultancy on technology readiness levels (TRL) go-to-market strategies for academic innovations, and Knowledge transfer mechanisms for partnerships between academia and industry.

- **Finance and Funding Consultancy:** Expert advice on financial planning, accounting, preparing financial documentation for investors and grants, consultancy on accessing public and private funding, including venture capital and government grants for university start-ups
- **Start-up Academy and Entrepreneurial Skills:** Training programs that focus on building entrepreneurial competencies such as leadership, management, and innovation. Start-up academies offering a structured curriculum on key business areas, including sales, marketing, finance, and operations.

Services fostering **access to information, knowledge, and expertise** are essential for the development of **innovation-driven activities** in rural and remote areas, as these regions often face significant barriers to accessing the

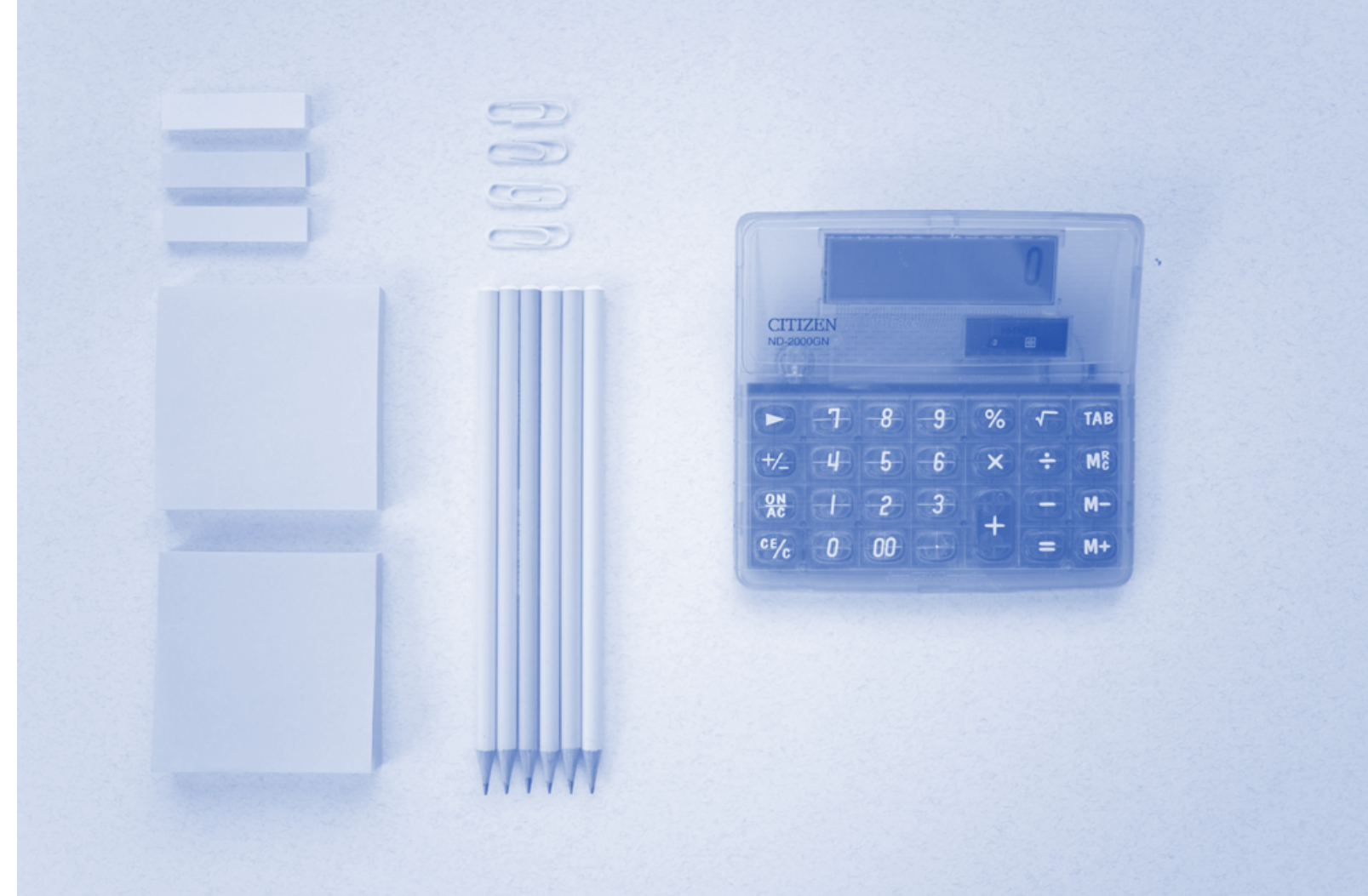
resources and expertise typically available in more urbanized and economically developed areas. Below are the specific ways in which these services contribute to innovation and entrepreneurship in rural and remote settings:

1. BRIDGING THE INFORMATION GAP

Rural and remote areas often have limited access to **critical information** that is essential for navigating the complex innovation ecosystem, such as market trends, funding opportunities,

and intellectual property (IP) rights. Services such as **Intellectual Property Information, Market Intelligence,** and **Regulatory Information** help innovators in these regions by:

- **Providing tailored guidance on IP protection** that helps rural businesses protect their innovations and compete in national and international markets. Without access to proper IP services, rural entrepreneurs risk losing control of their intellectual assets, which could stifle growth and discourage innovation.
- Offering **market insights** that help rural innovators understand **demand patterns, competitive landscapes, and consumer needs**, enabling them to **identify niche opportunities** and develop products and services that are more aligned with market trends. This is especially important for rural industries that serve regional or specialized markets (e.g., agriculture, tourism, crafts).



2. FACILITATING ACCESS TO FUNDING

Rural and remote entrepreneurs often struggle to secure funding due to a lack of proximity to major financial hubs and limited knowledge of

the **funding landscape**. Services like **Funding Information** and **Finance and Funding Consultancy** play a crucial role by:

- **Connecting rural innovators with funding opportunities** such as government grants, venture capital, and other private investments that might otherwise be inaccessible. These services help rural ventures navigate complex funding application processes and tailor their business plans to meet investor requirements.
- Offering **financial planning advice** that is essential for ensuring the long-term viability of rural start-ups and spin-offs, helping them prepare **financial documentation** and attract investments from both public and private sources.

Providing information on **available grants, investment opportunities, and financial planning** ensures that rural innovators can compete with their urban counterparts in securing much-needed resources.

3. SUPPORTING
THE COMMERCIALIZATION
OF TECHNOLOGIES

Many rural areas have strong ties to **primary sectors** like agriculture, natural resources, and energy, but they often lack access to the knowledge and expertise necessary to **commercialize innovative technologies**. Services like Technology and **Technology Transfer, Technology Commercialization Support, and Knowledge Transfer Channels** are critical for:

- **Bringing university-driven technologies** to rural enterprises, allowing them to adopt innovative solutions that can improve productivity, reduce costs, and foster sustainability (e.g., precision agriculture, renewable energy systems).
- Offering **consultancy on technology readiness levels (TRL)** and go-to-market strategies that help rural start-ups assess when and how to introduce innovations into their business processes. This is essential for ensuring that rural innovations can successfully transition from research and development to commercialization. t access to proper IP services, rural entrepreneurs risk losing control of their intellectual assets, which could stifle growth and discourage innovation.

By facilitating access to advanced technologies and offering structured **technology transfer pathways**, these services help rural businesses overcome the technological isolation that often limits their growth.

4. BUILDING
ENTREPRENEURIAL SKILLS
AND BUSINESS COMPETENCIES

Rural and remote entrepreneurs often face a skills gap, particularly when it comes to **business development, strategic planning, and market expansion**. Services like **Start-up Academy** and **Entrepreneurial Skills, Business and Market Development, and Workshops and Training** Programs are crucial for:

- **Equipping rural innovators with the knowledge and tools** they need to launch and scale their businesses. These programs can offer training on **leadership, sales and marketing, financial management, and strategic growth**, which are often lacking in rural settings due to limited access to specialized education and resources.
- Offering **structured workshops and e-learning resources** that provide flexible, accessible formats for rural entrepreneurs to develop their business skills, particularly when face-to-face training might not be feasible due to geographical isolation.

By offering specialized support that focuses on the development of entrepreneurial competencies, these services foster a stronger innovation ecosystem in rural areas.

5. PROVIDING LEGAL
AND IP PROTECTION
SUPPORT

Legal frameworks and IP management can be highly complex, and without proper guidance, rural innovators risk losing control over their inventions or being unaware of how to protect their intellectual assets. Services such as **Legal and IPR Consultancy** provide:

- **Expert guidance on patent filing, licensing, and compliance** with local and international IP regulations. This is essential for rural innovators to secure patents, trademarks, and copyrights, which are critical assets when seeking to attract investors or expand into new markets.
- Support in **setting up legal entities** and ensuring compliance with business laws, allowing rural businesses to establish strong legal foundations that can support long-term growth and protect them from potential legal disputes.

By providing access to **affordable legal advice and IP services**, these offerings ensure that rural innovators can compete fairly and benefit from the fruits of their intellectual labor.

6. ENABLING
KNOWLEDGE SHARING
AND PEER LEARNING

Rural and remote entrepreneurs often have limited networks for collaboration and knowledge exchange, which can hinder innovation. Services like **Knowledge Sharing and Best Practices, Mentoring and Peer Learning, and Entrepreneurship Learning Materials** help:

- **Facilitate knowledge transfer** by connecting rural entrepreneurs with peers, mentors, and industry experts who can offer advice and share best practices. This helps rural innovators **learn from others' experiences**, avoid common pitfalls, and adapt successful strategies to their own contexts.
- **Build local innovation networks** through peer learning groups and mentoring programs, creating opportunities for rural entrepreneurs to exchange ideas, collaborate on projects, and develop **collective problem-solving skills**.

By providing access to **affordable legal advice and IP services**, these offerings ensure that rural innovators can compete fairly and benefit from the fruits of their intellectual labor.



7. OVERCOMING GEOGRAPHICAL AND RESOURCE LIMITATIONS

One of the most significant barriers rural and remote areas face is the lack of access to **physical resources and expertise** found in more urbanized areas. By offering **remote access to online learning materials, virtual workshops, and e-consultancies**, these services:

- **Overcome geographical isolation** by allowing rural innovators to engage with experts, access funding information, and participate in knowledge-sharing activities without needing to travel to urban hubs.
- Provide **continuous access to updated knowledge** on market trends, regulatory changes, and new technologies, ensuring that rural entrepreneurs are always equipped with relevant, up-to-date information.

This approach ensures that rural innovators can still benefit from the full suite of **knowledge and expertise services**, regardless of their location.

Services that provide **access to information, expertise, and knowledge** are pivotal in driving innovation in **rural and remote areas**. They help bridge gaps in technology, skills, and resources by offering tailored support in areas such as **IP management, funding, technology commercialization, and entrepreneurial skill-building**. These services are critical for **building local innovation ecosystems, empowering rural entrepreneurs**, and ensuring that innovation-driven activities can thrive, even in regions with fewer resources and limited access to traditional innovation hubs.

MAIN DELIVERY CHANNELS:

The following channels are most commonly used to deliver information-, knowledge- and expertise-based services.

Digital Information Platforms: Online resources such as websites, newsletters, webinars, and databases that provide up-to-date information on key areas like market trends, IP, funding, and regulations.

Resource Libraries: A collection of guides, case studies, templates, and best practices designed to help innovators and entrepreneurs navigate specific challenges.

Online Resources and Toolkits: Access to templates, guides, and best practices on topics like business model development, IPR filing, financial forecasting, web-based platforms offering tutorials, case studies, and instructional videos on entrepreneurship topics.

Knowledge Sharing and Best Practices: Platforms for sharing success stories, case studies, and lessons learned from successful start-ups and university spin-offs. Forums for exchanging best practices in innovation management, technology commercialization, and scaling businesses within academic contexts.

Workshops and Webinars (One-to-Many): Interactive sessions designed to deliver specialized knowledge on various aspects of innovation, including legal frameworks, market analysis, and technology transfer.

Consulting and Advisory Services (One-to-One): Tailored advice provided by experts in areas such as IP management, funding, and market entry strategies.

Networking Events and Knowledge Sharing Platforms: Events such as knowledge transfer forums, university-industry collaborations, pitch events where entrepreneurs can gain insights from experts, networking opportunities with peers, industry experts, and potential investors.

Workshops and Training Programs: Workshops on topics such as business planning, IPR protection, financial literacy, and technology transfer strategies. University-driven accelerator programs offering in-depth courses on scaling start-ups and innovation management.

Consulting and Mentoring Services: Personalized consultancy for start-up founders on strategic issues like go-to-market strategies, fundraising, and legal frameworks. One-on-one mentoring from industry experts, successful entrepreneurs, and legal professionals in IPR

INFORMATION - ENABLING INNOVATION SUPPORT -
OVERVIEW ACCORDING TO COMPLEXITY LEVEL

Complexity	Basic	Intermediate	Advanced
Objective	Introduce stakeholders to foundational concepts, including IP rights, market access, and initial funding opportunities.	Provide deeper insights into IP strategy, market positioning, and accessing public or private funding.	Offer expert-level guidance on complex IP management, advanced funding strategies, and international market expansion.
Scope	- Overview of IP rights, patents, and trademarks - Introduction to knowledge transfer mechanisms and spin-off creation. - Access to general information on grants, basic regulatory requirements, and initial business structuring. - Webinars and online workshops on basic topics (e.g., IP, funding). - Access to online information portals and newsletters.	- Detailed guidance on protecting and leveraging IP assets. - Insights into market demands and positioning for competitiveness. - Assistance in applying for public funding schemes and preparing market entry strategies. - One-to-one advisory services on IP strategy and market positioning. - Advanced webinars and workshops.	- Advanced support for managing large IP portfolios. - Comprehensive analysis of market trends and competition. - Expert advice on complex funding avenues, including venture capital and international regulatory compliance. - In-depth consulting on global IP protection and complex funding strategies. - Specialized networking and mentorship opportunities with industry experts.

KNOWLEDGE - SHARING AND CULTIVATING INSIGHTS
- OVERVIEW ACCORDING TO COMPLEXITY LEVEL

Complexity	Basic	Intermediate	Advanced
Objective	Provide partners with foundational knowledge resources, such as general handbooks and introductory workshops	Offer more targeted support with workshops on specific topics, case studies, and industry insights.	Deliver advanced consultancy on the integration of cutting-edge technologies and business model innovation.
Scope	- Basic handbooks on entrepreneurship and innovation. - General training on business planning, market research, and IPR basics. - Access to introductory case studies and knowledge-sharing platforms. Access to online handbooks, tutorials, and guides. - Introductory workshops on entrepreneurship fundamentals.	- Sector-specific training programs on topics like digital marketing, advanced IPR strategies, and start-up scaling. - Intermediate workshops and knowledge exchange forums tailored to specific industries or technologies. - Personalized workshops on intermediate topics such as financial management or marketing strategies.	- Advanced guidance on technology adoption, new business model implementation, and digital transformation strategies. - Coaching on complex processes such as international market entry or significant technology transfer initiatives. - One-on-one coaching on advanced issues like technology commercialization or intellectual property negotiation.

EXPERTISE - ENHANCING SKILLS AND KNOWLEDGE -
OVERVIEW ACCORDING TO COMPLEXITY LEVEL

Complexity	Basic	Intermediate	Advanced
Objective	Provide partners with foundational knowledge resources, such as general handbooks and introductory workshops	Offer more targeted support with workshops on specific topics, case studies, and industry insights.	Deliver advanced consultancy on the integration of cutting-edge technologies and business model innovation.
Scope	- Basic handbooks on entrepreneurship and innovation. - General training on business planning, market research, and IPR basics. - Access to introductory case studies and knowledge-sharing platforms. Access to online handbooks, tutorials, and guides. - Introductory workshops on entrepreneur ship fundamentals.	- Tailored advice on market analysis, financial planning, and product-market fit. - Intermediate IPR support including patent applications and licensing agreements. - Consultancy on accessing intermediate public funding programs like innovation grants. - One-on-one consulting on financial forecasting, market analysis, and technology transfer. - Tailored training sessions and mentoring programs for emerging entrepreneurs.	- Comprehensive support on complex legal and IPR issues including technology transfer agreements. - Advanced consultancy on large-scale market entry, scaling businesses, and advanced financial strategies. - High-level negotiation strategies for partnerships, investors, and licensing agreements. - Deep consultancy on scaling strategies, high-level IPR negotiations, and post-funding advisory services. - In-depth workshops on advanced technology transfer and commercialization strategies

Access to funding - investment readiness

Providing services to enable access to funding and foster investment readiness involves preparing businesses to effectively secure a wide range of funding sources, including private investments (e.g., venture capital, angel investors), public funding programs (e.g., grants, vouchers, loans), and financial products offered by banks (e.g., loans, guarantees).

The following main categories are most covered by innovation support organisations:

- Private Investment Readiness:** Focused on securing funding from private investors like venture capitalists and business angels.
- Public Funding Readiness:** Tailored to businesses seeking to access public funding programs, including grants, vouchers, and innovation-focused loans.
- Bank Funding Readiness:** Specialized support for businesses preparing to secure loans, guarantees, or other financial products from banks, including managing relationships with financial institutions.

Fostering access to funding in rural and remote areas is critically important for developing innovation-driven activities, and support services that focus on investment readiness are essential for several reasons:

1. BRIDGING THE FUNDING GAP

Rural and remote areas often face a significant funding gap due to lower access to private and public capital markets, as well as fewer local financial institutions. Providing specialized services in Private Investment Readiness, Public Funding Readiness, and Bank Funding Readiness helps bridge this gap by:

- Attracting investors** who might be hesitant due to perceived risks.
- Securing public funding** (e.g., grants, loans) that prioritizes regional development and innovation.
- Facilitating bank loans** by helping businesses present strong financial cases and manage relationships with financial institutions.

2. STIMULATING ECONOMIC GROWTH

In rural and remote areas, economic growth often depends on local businesses' ability to innovate and scale. Support services for accessing funding can:

- Enable innovation-driven SMEs** to develop new products or services tailored to the local context (e.g., agritech, renewable energy, digitalization of rural economies).
- Foster entrepreneurship**, which can diversify the local economy and reduce dependency on traditional industries like agriculture or tourism.

Innovation funding helps create sustainable local jobs and enhances regional competitiveness, allowing rural areas to retain talent and attract new investments.



3. OVERCOMING INFRASTRUCTURE BARRIERS

Remote regions often face **poor infrastructure** (e.g., transportation, digital networks), which makes business operations and scaling more difficult. Access to funding through tailored support services can:

- Provide resources to **improve critical infrastructure** (e.g., broadband internet), which is necessary for innovation-driven activities.
- Help businesses adopt **new technologies** that can overcome logistical challenges, such as **digitization, automation, or remote working solutions**.

Improved infrastructure facilitates not just innovation but also connectivity with broader markets, enhancing competitiveness.



4. ENHANCING COMPETITIVENESS THROUGH TAILORED INNOVATION SUPPORT

Businesses in rural areas often need specialized support to become competitive in global markets. Innovation-driven activities, particularly those in sustainability, agriculture, or renewable energy, require significant upfront investments. Funding access services:

- Help businesses **align with investor requirements** (e.g., impact investment focused on sustainability) and **public funding programs** designed for rural innovation.
- Provide guidance on **structuring business plans and financial models**, making rural businesses more attractive to investors, despite their location.

By preparing businesses to secure this funding, rural innovators can achieve greater competitiveness and participate in global supply chains.



5. MITIGATING THE PERCEPTION OF RISK

Investors often view rural and remote areas as **high-risk** due to smaller markets, lower infrastructure levels, and higher operational costs. Investment readiness services can help businesses:

- **Improve their risk profile** by demonstrating strong business models, innovative potential, and securing backing from public funding, which may reduce perceived risk.
- **Leverage guarantees or co-financing schemes**, which mitigate investor risk and provide financial security for banks and other funding entities.

By lowering the risk barrier, rural businesses become more appealing to private investors and banks.

Confidence level: High—risk perception is a widely recognized obstacle for rural investment, and mitigation strategies have proven successful in similar contexts.

Services fostering access to funding are crucial for innovation-driven activities in rural and remote areas because they address unique challenges like infrastructure gaps, limited capital access, and risk perception. These services empower businesses to attract investment, scale innovation, and drive economic growth in areas that typically face disadvantages in accessing the resources needed for competitiveness.



6. ACCESS TO SPECIFIC RURAL DEVELOPMENT FUNDS

Many **public funding programs** (e.g., the EU's Horizon Europe, European Regional Development Fund) specifically target rural and remote areas to foster innovation and economic resilience. Services supporting **Public Funding Readiness** help businesses navigate these complex funding landscapes and:

- **Maximize their chances** of securing competitive grants or loans.
- **Align projects with regional policy objectives**, such as sustainable development or digital transformation, which increases their eligibility for targeted funding.

This targeted support helps rural areas **capitalize on policy-driven funding opportunities** designed to reduce regional disparities.

MAIN DELIVERY CHANNELS: The following channels are most commonly used to deliver access to funding services:

1. **24/7 Information Channels:** Provision of information on funding schemes and opportunities through websites, newsletters and social media channels, as relevant. Includes signposting to relevant experts and funding organisations.

2. **Training and Workshops (one to many):** Sessions on financial literacy, business planning, and investor relations.

3. **Consulting Services (one to one):** Expert advice on financial projections, business strategy, and due diligence preparation.

4. **Networking Opportunities:** Access to investor networks, pitch events, and funding forums.

5. **Resource Materials:** Guides, templates, and tools for business planning, financial modelling, and pitch preparation.
6. **Mentorship Programs:** One-on-one mentoring from experienced entrepreneurs and investors. This includes mentorship-like support provided by e.g. public funding organisations and bank staff.

This tiered approach ensures that businesses, regardless of their stage of development, can effectively prepare for and access a variety of funding sources to support their innovation and growth efforts.

These services help businesses develop the necessary knowledge, skills, and materials to attract and manage funding that supports their innovation and growth. They encompass a range of activities designed to equip businesses with the necessary skills, knowledge, and resources to secure funding. They can be tailored to different levels of complexity, according to the needs of the beneficiary and the capacities to deliver of each support organisation (see table below).

ACCESS TO FUNDING - INVESTMENT READINESS SERVICES
- OVERVIEW ACCORDING TO COMPLEXITY LEVEL

Complexity	Basic	Intermediate	Advanced
Objective	Introduce businesses to the various types of funding available and equip them with foundational skills to begin the process of securing funding.	Introduce businesses to the various types of funding available and equip them with foundational skills to begin the process of securing funding.	Prepare businesses for high-level investment negotiations and complex funding structures, including the integration of multiple funding sources and scaling strategies.
Scope	- Funding Landscape Overview: Introduction to different types of funding sources and their requirements. This covers especially the basic eligibility criteria and application processes for each. - Signposting to relevant experts and funding organisations. - Financial Literacy Training: Basic education on financial concepts, budgeting, and financial planning. - Access to Public Funding: Guidance on identifying and applying for entry-level public funding opportunities, such as grants, vouchers, or low-interest loans designed for startups and small businesses. - Pitch Preparation: Guidance on creating a compelling pitch deck and presenting to potential public or private investors.	- Business Plan Development: Assistance in creating detailed business plans that meet investor and bank expectations. - Financial Projections: Support in developing realistic financial forecasts and understanding key financial metrics - Public Funding Application Support: Support in preparing applications for more substantial public funding programs, including advice on meeting complex eligibility criteria and maximizing the chance of success. - Support with partner search and consortium development. - Detailed Pitch Decks: Assistance in creating and refining pitch decks that address the specific needs of different funders, highlighting innovation potential, market strategy, and financial sustainability. - Investor Relations and Bank Engagement: Guidance on building relationships with investors, banks, and public funding bodies, including how to effectively communicate value and negotiate terms.	- Due Diligence Preparation: Comprehensive support in preparing for investor due diligence processes, including legal and financial audits. - Strategic Financial Management: Consulting on advanced financial strategies, including equity financing, debt management, and leveraging public-private funding mixes. - Complex Funding Applications: In-depth support for applications to competitive public funding programs or for securing significant bank loans, including assistance with detailed proposals, business plans, and compliance with stringent requirements. - Including European funding programmes. - Post-Funding Support: Ongoing advisory services to help businesses meet funding conditions, manage investor and lender relations, and prepare for future funding rounds or refinancing. - Investor and Lender Engagement: Tailored support for businesses targeting large-scale venture capital, private equity, or significant public funding awards, including coaching on negotiation, term sheet analysis, and deal structuring.



Access to people

The People service focuses on helping entrepreneurs and innovators to build effective teams, attract talent, and develop the necessary human capital to drive innovation and business growth. This service supports the recruitment, development, and management of individuals with the skills and expertise to propel entrepreneurial ventures in academic settings. It also offers guidance on fostering leadership, talent retention, and creating diverse, cross-functional teams essential for success in competitive markets.

Major categories of Knowledge services:

- **Talent Acquisition and Recruitment:** Support for recruiting talented individuals with specialized skills, including scientists, engineers, marketers, and business developers essential for spin-offs and start-ups, and providing access to talent pools from universities, including PhD students, postdoctoral researchers, and entrepreneurial graduates with industry-specific knowledge.
- **Team Building and Leadership Development:** Guidance on assembling balanced teams with diverse skill sets and fostering collaboration between technical experts and business professionals, and providing leadership development programs to equip founders and team leaders with management skills, decision-making capabilities, and strategic vision.
- **Mentoring and Coaching:** Mentorship programs that connect entrepreneurs with experienced industry leaders, academics, and start-up founders who provide advice, guidance, and encouragement. One-on-one coaching on human resource strategies, including talent retention, conflict resolution, and team dynamics.
- **Diversity and Inclusion Initiatives:** Programs aimed at promoting diversity in start-up teams, ensuring that individuals from various backgrounds contribute to innovation.
- **Skill Development and Training:** Training programs to enhance the skills of start-up teams, including workshops on project management, communication, negotiation, and business development. Continuous professional development opportunities to ensure team members stay updated on the latest industry trends, technologies, and business practices.

Services that foster **access to people**—such as talent acquisition, team building, and skill development—are especially critical for driving **innovation-driven activities** in rural and remote areas, where access to skilled human capital is often limited. Here's why these services are essential in these regions:

1. ADDRESSING TALENT SHORTAGES IN RURAL AREAS

Rural and remote areas typically face **chronic talent shortages** due to a smaller local labor pool and the outmigration of skilled workers to urban centers. Services like **Talent Acquisition and Recruitment** are essential for:

- **Attracting specialized talent** (e.g., scientists, engineers, entrepreneurs) that may not be readily available locally, by connecting ventures with **university talent pools**, including PhD students and entrepreneurial graduates.
- Offering opportunities for **remote work arrangements** or incentives to relocate, making rural businesses more attractive to skilled professionals who can support innovation activities.

This is particularly critical for **university-driven spin-offs** and **start-ups** that rely on highly specialized skills for technology commercialization and growth.

2. BUILDING MULTI-DISCIPLINARY TEAMS FOR INNOVATION

Innovation-driven activities require teams that combine **technical expertise with business acumen**. Services like **Team Building and Leadership Development** are vital in rural and remote areas to:

- **Create cross-functional teams** by fostering collaboration between local talent and external experts, bridging gaps between technical innovation and business strategy.
- Equip founders and team leaders with **leadership skills**, improving their ability to manage diverse teams, make strategic decisions, and adapt to challenges that are often more pronounced in rural settings (e.g., resource limitations, market access issues).

By building diverse and balanced teams, innovation ventures in rural areas can better position themselves to compete in larger markets.

3. MITIGATING THE BRAIN DRAIN IN RURAL AREAS

One of the key challenges for rural innovation is the outmigration of talent to urban areas (“brain drain”). Mentoring and Coaching programs can help mitigate this by:

- Offering **guidance from experienced mentors** who can inspire local entrepreneurs to remain in their region by showing them paths to success, even in a remote setting.
- Providing **career development** and professional growth opportunities locally, helping skilled individuals feel more invested in staying and contributing to rural innovation ecosystems.

By retaining and nurturing talent, rural areas can **reverse the brain** drain, ensuring that homegrown innovations can thrive without the need to relocate to urban hubs.

4. PROMOTING DIVERSITY AND INCLUSION IN RURAL INNOVATION

Diversity is often more limited in rural areas, but innovation-driven businesses benefit greatly from **diverse teams** with a range of perspectives. **Diversity and Inclusion Initiatives** are important because they:

- Encourage rural ventures to **embrace diversity** in their recruitment and team-building efforts, which can foster creativity and problem-solving.
- Attract talent from underrepresented groups, including women, minorities, and international professionals, creating a **more inclusive innovation** environment in regions that may traditionally lack this diversity.

These initiatives can lead to more **equitable growth** in rural innovation ecosystems and help ventures create products and services that resonate with a broader market.

5. ENHANCING LOCAL COMPETITIVENESS THROUGH SKILL DEVELOPMENT

Continuous **Skill Development and Training** is essential in rural areas to ensure that local talent remains competitive in fast-evolving industries. This is particularly important because:

- Rural businesses often lack access to the **latest industry trends and technologies**, which are more easily accessible in urban innovation hubs.
- **Workshops and training programs** can help teams develop critical business skills (e.g., project management, communication, business development) that are necessary to navigate competitive markets, both regionally and globally.

By developing the skills of local talent, rural ventures can become more **self-sufficient** and capable of driving innovation without depending heavily on external expertise.

6. FOSTERING COLLABORATION AND INNOVATION NETWORKS

In rural and remote areas, businesses are often disconnected from major innovation ecosystems. Services like **Mentoring** and **Coaching** and **Team Building** can help ventures:

- **Connect with external networks**, including universities, industry partners, and research institutions, enabling knowledge exchange and collaboration that is crucial for innovation.
- Build **regional innovation clusters** by fostering collaboration between local businesses, research centers, and universities, creating a more cohesive and supportive environment for innovation.

By encouraging collaboration within and outside rural regions, these services help local businesses overcome isolation and **integrate into broader innovation ecosystems**.

7. DEVELOPING LEADERSHIP FOR LONG-TERM SUCCESS

Strong leadership is critical for the **long-term sustainability** of innovation-driven ventures in rural areas. **Leadership Development Programs** provide:

- Training for founders and team leaders to **develop strategic vision, decision-making skills, and conflict resolution capabilities** that are essential in managing innovation-driven activities in challenging environments.

- Support in fostering **resilience** and adaptability, which are key traits for leaders in rural areas, where market and infrastructure challenges can be more acute.

Effective leadership can also help rural ventures build **lasting relationships** with investors, partners, and customers, driving growth and market success.

Services that foster access to talent, team-building, leadership, and skill development are crucial for the success of **innovation-driven activities** in rural and remote areas. These services address the key challenges of **talent shortages**, **brain drain**, and **limited access to innovation networks**, while also promoting diversity and inclusion. By helping ventures attract and retain skilled individuals, build strong teams, and enhance local capabilities, these services enable rural areas to participate more fully in **global innovation ecosystems** and drive long-term economic growth.



MAIN DELIVERY CHANNELS:

The following channels are commonly used to deliver people-focused services in entrepreneurship and innovation:

Recruitment Events and Talent Fairs: Participation in university-hosted career fairs, innovation showcases, and job matchmaking events that connect start-ups with talent from academic and industry backgrounds.

Workshops and Leadership Programs: Workshops tailored to entrepreneurs and start-up founders that cover topics like building effective teams, fostering collaboration, and developing leadership skills.

Mentorship and Networking Opportunities: Structured mentorship programs that connect entrepreneurs with experienced professionals who offer guidance on team-building and human resource strategies.

Talent Development and Training Programs: Comprehensive programs designed to develop entrepreneurial skills in areas such as sales, marketing, project management, and team leadership.

PEOPLE - SUPPORTING PARTNER TEAMS AND TALENT
- OVERVIEW ACCORDING TO COMPLEXITY LEVEL

Complexity	Basic	Intermediate	Advanced
Objective	Help entrepreneurs with basic recruitment strategies, team formation, and access to university talent pools.	Provide more targeted support with leadership training, talent development, and team management strategies.	Deliver high-level consultancy on leadership development, diversity initiatives, and complex team-building strategies for scaling ventures.
Scope	• Basic guidance on recruiting from university talent pools, including job postings and networking. • Introductory training on team formation and leadership basics. • Initial mentorship from university staff or alumni. • Talent fairs and online job boards. • Basic team-building workshops and resources. • Access to introductory mentoring programs.	• Leadership development workshops and mentorship for scaling businesses. • Skill development programs tailored to specific start-up needs, such as marketing or operations. • Talent retention strategies and guidance on team dynamics. • Leadership development workshops and targeted skill-building programs. • Networking events and advanced mentoring from experienced entrepreneurs. • Intermediate online resources on talent retention and team management.	• Advanced coaching on managing large, diverse teams and scaling businesses globally. • Consultancy on implementing comprehensive diversity and inclusion strategies. • High-level leadership development for C-level executives in scaling ventures. • One-on-one coaching for leadership teams on advanced team-building strategies. • High-level consultancy on diversity, inclusion, and global talent management. • Advanced workshops on scaling teams and integrating cross-functional units.

Access to markets

Providing services to access and thrive in markets is essential for university-linked entrepreneurial ventures such as spin-offs, start-ups, and innovation-driven enterprises. This involves preparing ventures to navigate competitive environments and capitalize on opportunities related to technology transfer, knowledge transfer, and partnerships with industry players.

The following are the major categories related to the “Markets” supporting service for entrepreneurship and innovation:

- **Spin-Off Market Development:** Focused on creating viable markets for university spin-offs, helping academic innovations reach commercial potential.
- **Start-Up Market Expansion:** Supporting start-ups in expanding their customer base and scaling into new markets, particularly those linked with university research and innovations.
- **Accelerator/Incubator Support:** Guidance and opportunities through university accelerators and incubators that facilitate access to market opportunities.
- **Technology Transfer Market Preparation:** Facilitating market readiness for innovations emerging from university research through technology transfer offices.
- **Knowledge Transfer for Market Impact:** Helping ventures access and integrate academic knowledge into real-world markets, turning theoretical research into viable market products.

Fostering access to markets through specialized services such as **spin-off market development**, **start-up market expansion**, and **technology transfer** is essential for driving innovation-driven activities in rural and remote areas. Here’s why these services are particularly important in these regions:

1. OVERCOMING GEOGRAPHICAL ISOLATION

Rural and remote areas often face **physical isolation** from major markets, limiting the ability of local entrepreneurs and university-linked ventures to connect with customers, investors, and partners. Services that focus on **market development** and **expansion** help ventures:

- **Extend their reach** beyond local markets, overcoming geographical barriers through digital platforms, partnerships, and export strategies.
- **Utilize e-commerce**, virtual collaboration tools, and digital marketing strategies to access customers and business opportunities globally, despite physical isolation.

This is particularly important for **university spin-offs** and **start-ups that** need to scale their innovations to larger, more lucrative markets.

2. MAXIMIZING TECHNOLOGY AND KNOWLEDGE TRANSFER

Rural areas often lack **local R&D infrastructure** or proximity to innovation ecosystems. University-linked ventures—especially spin-offs and start-ups—benefit from services like **Technology Transfer Market Preparation and Knowledge Transfer for Market Impact**, as these facilitate:

- **Translating academic research into marketable products** that can address rural-specific challenges (e.g., agri-tech innovations, renewable energy solutions, or healthcare technologies).
- **Building cross-sector partnerships** with industries that can commercialize research innovations, creating a direct bridge between university knowledge and market application.

For rural and remote areas, **technology transfer** helps address local challenges through innovation, while expanding market opportunities for these ventures globally.

3. SUPPORTING LOCAL ECONOMIC DEVELOPMENT

By supporting the **market entry** and **scaling** of university-linked spin-offs and start-ups, these services can significantly contribute to **economic diversification** in rural and remote areas. Innovation-driven enterprises in these regions can:

- **Create high-value jobs** by introducing new industries (e.g., biotechnology, sustainable energy, advanced manufacturing) that weren’t previously part of the local economy.

- **Enhance the competitiveness** of local businesses by integrating **cutting-edge technologies** developed through university collaborations.

These ventures, by tapping into broader markets and leveraging university R&D, act as **catalysts for local development**, helping rural economies transition

4. MITIGATING MARKET ACCESS BARRIERS

Accessing new markets can be particularly difficult for businesses in remote regions due to **lack of infrastructure, market networks, and resources**. Services like **Accelerator/Incubator Support** and **Spin-Off Market Development** provide critical assistance in:

- **Connecting rural ventures with investors, industry partners, and networks**, giving them access to expertise, funding, and customers that would be difficult to reach otherwise.
- Offering **tailored mentoring**, training, and support in **market entry strategies**, allowing ventures to overcome the initial challenges of expanding into new regions, whether domestic or international.

For example, incubators associated with universities can help **scale innovation-based solutions** in rural areas that are globally relevant (e.g., precision agriculture technology), thus attracting market opportunities that transcend geographic limitations.

5. BUILDING RESILIENCE AND SUSTAINABILITY

In rural areas, innovation-driven activities can contribute to more **resilient and sustainable economies**. Services that facilitate **market readiness** for technology and knowledge transfer help businesses address specific regional challenges such as:

- **Environmental sustainability** through innovations in clean energy, agriculture, and waste management.
- **Improved public services**, such as health-care and education technologies, tailored for dispersed populations in rural and remote regions.
- Supporting market access for ventures focused on **rural-specific innovations** can help create resilient supply chains and business ecosystems that **respond to local needs** while scaling to wider markets.

5. BUILDING RESILIENCE AND SUSTAINABILITY

University spin-offs and start-ups often emerge from urban universities, but by targeting rural and remote markets, they strengthen **rural-urban linkages**. Market access services help innovation-driven enterprises:

- **Develop products that meet rural needs** (e.g., healthcare delivery in remote areas or smart farming technologies) while generating revenue from both rural and urban consumers.
- Foster **cross-regional collaboration**, enabling rural areas to benefit from urban innovation hubs while contributing their unique challenges and markets to the innovation process.

By facilitating these connections, rural areas become **part of the broader innovation ecosystem**, accessing resources, markets, and expertise from urban centers.

7. ENCOURAGING ENTREPRENEURSHIP IN RURAL AREAS

Services that focus on **Start-Up Market Expansion** and **Spin-Off Market Development** provide the support rural entrepreneurs need to not only access markets but also scale innovations that originate in these areas. This can:

- **Foster local entrepreneurship** by encouraging more individuals in rural areas to pursue innovation-based business models, leveraging the market knowledge, and technology developed at universities.
- Attract **external entrepreneurs** to set up innovation-driven businesses in rural regions, supported by public programs or university-linked incubators, thus reversing the trend of **outmigration**.

As rural regions demonstrate their capacity for innovation and market competitiveness, they become more attractive places to launch and grow businesses.

Services fostering **access to markets**—such as spin-off development, start-up expansion, and technology transfer—are critical to the growth of **innovation-driven activities in rural and remote areas**. These services help overcome the inherent challenges of isolation, market access, and limited infrastructure while supporting local economic development, sustainability, and entrepreneurship. By connecting university-linked ventures with broader markets, these regions can become active participants in global innovation ecosystems, driving both local and regional growth.

MAIN DELIVERY CHANNELS:

The following channels are most commonly used to deliver market access services for university-linked ventures:

Online Market Insights Platforms: Offering insights and data on industry trends, potential markets, and customer behaviour through platforms tailored for university ventures.

Workshops and Training: Sessions on market analysis, business model adaptation, and go-to-market strategies.

Consulting Services: Tailored advice on market entry, scaling strategies, and partnership development.

Industry Networking Events: Providing opportunities for start-ups and spin-offs to con-

nect with potential industry partners, investors, and customers.

Collaborations with University Transfer Offices: Supporting technology and knowledge transfer efforts through collaborations with university innovation offices to ensure market readiness.

Resource Materials: Market entry toolkits, guides on intellectual property (IP) management, and business model templates.

Mentorship Programs: Matching ventures with experienced mentors from both academia and industry to help navigate market challenges

MARKETS - UNIVERSITY ENTREPRENEURSHIP AND INNOVATION - OVERVIEW ACCORDING TO COMPLEXITY LEVEL

Complexity	Basic	Intermediate	Advanced
Objective	Introduce ventures to market entry fundamentals and customer discovery processes.	Equip ventures with strategies to scale into broader markets and secure industry partnerships.	Enable advanced ventures to navigate complex market conditions, including international expansion and managing multiple market segments.
Scope	• Market Research Basics: Introduction to key market research concepts, such as customer segmentation and competitor analysis. • Product-Market Fit: Assistance in refining business models to align with market needs. • Market Access Tools: Market research platforms and relevant university-industry collaboration opportunities. • Industry Networks: Introduction to regional and national industry networks to build initial connections.	• Scaling Strategies: Guidance on how to scale operations while maintaining product quality and customer relationships. • Industry Collaborations: Building partnerships with corporate and public sector entities to enhance market reach. • Partnership Development: Assistance with partnership development and securing initial customers through university innovation hubs and incubators. • Industry-Specific Networks: Support in joining sector-specific industry networks and attending trade events.	• International Expansion: Support for ventures looking to enter international markets, including regulatory guidance. • Cross-Sector Market Strategies: Assisting ventures in developing strategies to serve multiple market sectors. • Strategic Development: Specialized support in forging strategic alliances with global players and managing multi-stakeholder relationships.

Access to IPR and technologies

The “Technologies” supporting service focuses on enabling the development, application, and transfer of university and research centre-based technologies. These services aim to foster innovation through mechanisms like spin-off creation, start-up support, technology transfer, and collaboration between academia and industry. The service targets the commercialization of research, facilitating entrepreneurship, and supporting the development of innovative businesses.

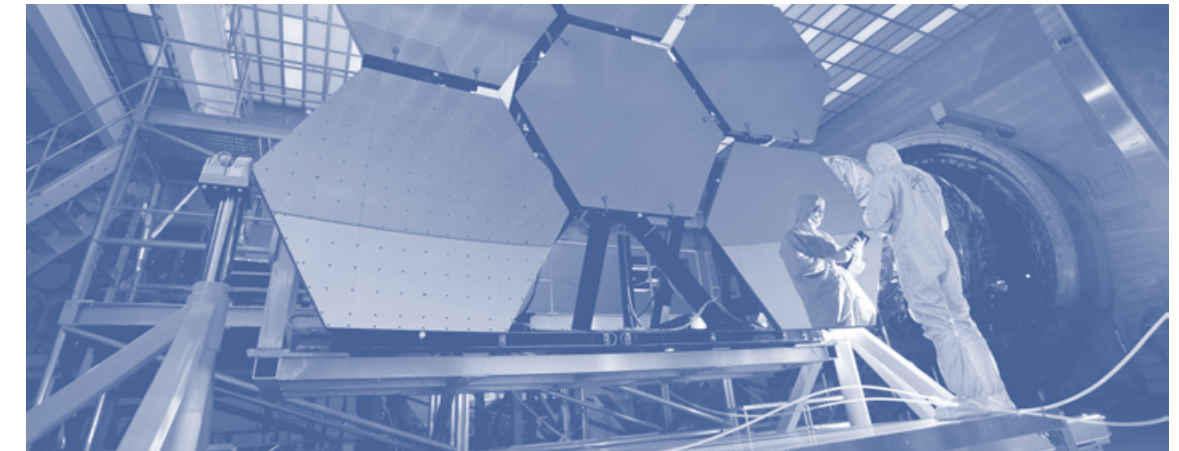
The following main categories are covered by innovation support pathways:

- **Technology Development Support:** Assistance in developing technologies from research stages to commercialization, including spin-off creation and start-up development.
- **Technology Transfer:** Facilitation of knowledge transfer between universities, research institutions, and the private sector to promote the application of new technologies.
- **Start-up and Spin-off Support:** Targeted support for early-stage companies emerging from universities, including technology incubation and accelerator programs.
- **Training on Technology Application:** Educational programs designed to help businesses and researchers apply new technologies effectively in real-world contexts.
- **Technology Licensing and Renting:** Support for businesses to rent or license technologies developed by research institutions.

Supporting organisations in understanding, protecting, and managing Intellectual Property (IP) is critical to fostering innovation and ensuring long-term success. The Intellectual Property Rights (IPR) supporting service helps entrepreneurs, spin-offs, and start-ups identify, register, and maintain their intellectual assets, including patents, trademarks, copyrights, and trade secrets.

The following main categories comprise the IPR support services include:

- **IP Identification:** Assisting organisations in identifying potentially valuable intellectual property.
- **IP Protection:** Supporting organisations in securing IP protection through patents, trademarks, and copyrights.
- **IP Management:** Helping organisations manage and commercialize their IP assets, including licensing and enforcement strategies.
- Services that foster access to technologies and intellectual property (IP) are particularly critical for driving innovation-driven activities in rural and remote areas. These regions often face unique challenges, including limited access to advanced technologies, weaker innovation ecosystems, and difficulties in protecting and commercializing intellectual assets. The services listed above address these challenges in several key ways:



1. BRIDGING THE TECHNOLOGY GAP IN RURAL AREAS

Rural and remote areas often lack access to cutting-edge technologies, making it harder for businesses to innovate and remain competitive. Services like **Technology Development Support** and **Technology Transfer** are crucial for:

- **Transferring advanced technologies** from universities and research centers to rural businesses, enabling them to leverage state-of-the-art innovations in fields such as agriculture, renewable energy, healthcare, and ICT.
- Supporting the development of **new, rural-specific technologies** (e.g., precision agriculture, remote healthcare systems) that address the unique needs of these regions while creating new market opportunities.

By facilitating access to university and research-based technologies, these services help rural ventures **overcome the technological isolation** that often hinders growth.

2. BOOSTING START-UP AND SPIN-OFF CREATION IN RURAL AREAS

Supporting the creation and growth of **university spin-offs** and **start-ups** in rural areas is vital for fostering **entrepreneurship** and local economic development. Services like **Start-up** and **Spin-off Support** provide:

- **Incubation and accelerator programs** that guide early-stage companies through technology development, business model refinement, and market entry, helping them navigate the challenges of launching in a rural environment.
- Opportunities to **leverage university networks** and **collaborate with industry partners** to build viable, scalable businesses, even in geographically isolated regions.

This support helps rural areas **cultivate a culture of innovation**, allowing local entrepreneurs to commercialize research-based technologies and create new, high-value industries.



3. ENHANCING LOCAL ECONOMIC DEVELOPMENT THROUGH TECHNOLOGY APPLICATION

By providing **Training on Technology Application**, innovation support services enable rural businesses and entrepreneurs to apply **cutting-edge technologies** effectively. This is important for:

- **Improving productivity** and operational efficiency in sectors critical to rural economies, such as agriculture, energy, and manufacturing.
- Empowering rural enterprises to **compete in wider markets**, as access to advanced technologies can enhance product quality, reduce costs, and increase scalability.

For example, training programs can help local businesses adopt innovations like **automation**, **IoT**, and **sustainable practices**, positioning them to thrive in increasingly competitive global markets.

4. FACILITATING TECHNOLOGY COMMERCIALIZATION IN RURAL AREAS

Services like **Technology Licensing and Renting** and **IP Management** are key to enabling rural businesses to **commercialize research-based technologies** and **protect their innovations**. This is essential because:

- **Licensing or renting university-developed technologies** can provide rural companies with access to valuable intellectual assets that would otherwise be unattainable due to resource constraints or a lack of local R&D.
- Proper **IP management** helps rural start-ups and spin-offs **protect their innovations**, giving them the ability to license technologies, attract investment, and enter new markets without fear of losing their competitive edge.

By assisting rural businesses in navigating the complexities of IP and licensing, these services ensure that local innovations are commercially viable and well-protected.

5. PROTECTING INTELLECTUAL PROPERTY FOR LONG-TERM SUCCESS

For rural and remote businesses, securing and managing **intellectual property (IP)** is essential for **safeguarding innovation** and ensuring **long-term competitiveness**. Services like **IP Identification, Protection, and Management** provide:

- Guidance on **identifying valuable intellectual assets**, such as patents, trademarks, and copyrights, that might otherwise go unrecognized by businesses without specialized expertise.
- **IP protection strategies** that help rural entrepreneurs and start-ups secure patents and trademarks, which are crucial for attracting investors, entering new markets, and defending their innovations from competitors.

Without proper IP protection, rural ventures may struggle to **capitalize on their innovations**, especially when expanding to larger markets where competitors may attempt to replicate or infringe on their technologies.

6. FOSTERING COLLABORATION BETWEEN ACADEMIA AND INDUSTRY IN RURAL AREAS

Technology Transfer services play a key role in facilitating **collaboration between universities, research centers, and rural industries**. These collaborations are essential for:

- **Adapting academic research** to meet the specific needs of rural economies (e.g., smart agriculture technologies, renewable energy solutions tailored for remote areas).
- **Strengthening innovation ecosystems** by building partnerships that encourage the co-development of technologies, knowledge sharing, and commercialization of research findings.

Such collaborations help rural areas tap into the **innovation potential** of universities and research institutions, creating pathways for technology-based growth in traditionally underserved regions.

7. SUPPORTING SUSTAINABLE INNOVATION IN RURAL REGIONS

Innovation support services focused on **technology development** and **IP protection** are critical for promoting **sustainable innovation** in rural and remote areas. These services help:

- Foster the development of **green technologies** and sustainable business practices that are aligned with rural challenges, such as **climate change**, **resource management**, and **agricultural productivity**.
- Ensure that local innovations can be **scaled** and **sustained**, as IP management and technology transfer services provide the frameworks needed to turn innovative ideas into long-lasting, impactful businesses.

For instance, rural regions with strong agricultural sectors can benefit from **sustainable farming technologies** developed through university research, supported by strong IP protection and commercialization pathways.

Services that support **technology access** and **intellectual property management** are vital for the development of **innovation-driven activities** in rural and remote areas. They enable businesses to **leverage cutting-edge technologies**, **protect** and **commercialize innovations**, and **build strong collaboration networks** between academia and industry. These services are essential for overcoming the challenges of **technological isolation**, **talent shortages**, and **limited innovation ecosystems** in rural regions, empowering local businesses to compete in global markets and driving **long-term, sustainable economic development**.

MAIN DELIVERY CHANNELS:

The following channels are most commonly used to deliver technology services:

Technology Transfer Offices (TTOs): University-based offices that facilitate technology commercialization, intellectual property (IP) management, and partnerships between academia and industry.

Spin-off and Start-up Incubation: Provision of incubation services, mentoring, and office space for technology-based start-ups emerging from universities.

Training and Workshops: Sessions on technology commercialization, IP rights, and how to apply specific technologies in business settings.

Consulting Services: Tailored advice on commercialization strategies, scaling of technology-based companies, and knowledge transfer methods.

Case Studies and Best Practices: Providing examples of successful technology applications and technology transfer projects to inspire and guide new initiatives.

Networking Opportunities: Connecting researchers, innovators, investors, and potential partners to foster collaboration and business opportunities around technology development and commercialization.

Mentorship Programs: One-on-one guidance from experienced entrepreneurs, researchers, and technologists focused on the application and commercialization of university-based technologies.

The following channels are commonly used to deliver people-focused services in entrepreneurship and innovation:

24/7 Information Channels: Websites, newsletters, and social media updates with the latest developments in IP law, case studies, and available tools for IP management.

Training and Workshops (one to many): Group training sessions on IP basics, patent and trademark processes, and managing IP portfolios.

Consulting Services (one to one): Personalized consultations on specific IP issues, including application filing, licensing, and enforcement strategies.

Resource Materials: Guides, templates, and tools to help businesses conduct prior art searches, file IP applications, and understand IP strategies.

Mentorship Programs: Pairing businesses with IP specialists or experienced innovators for one-on-one mentorship on IP management and commercialization.

TECHNOLOGIES - INNOVATION AND TRANSFER SERVICES - OVERVIEW ACCORDING TO COMPLEXITY LEVEL

Complexity	Basic	Intermediate	Advanced
Objective	Introduce stakeholders to basic technology transfer mechanisms and early-stage technology application.	Prepare stakeholders for intermediate-level technology commercialization and collaboration strategies.	Support advanced technology transfer strategies, complex IP management, and large-scale commercialization.
Scope	• Technology Overview: Introduction to various technologies developed by universities and their application potential. • Spin-off/Start-up Introduction: Guidance on launching technology-based companies. • Workshop: Basics of intellectual property protection for academic research.	• Advanced Training: Deep dives into intellectual property management and technology licensing. • Spin-off/Start-up Development: Structured support for scaling spin-offs and start-ups. • Training: Strategies for scaling technology-based start-ups in the field of clean energy.	• Complex Licensing and Renting: Facilitation of complex IP licensing and technology renting agreements for scaling operations. • Collaboration with Industry: Guidance on forming long-term partnerships between academia and industry for large-scale commercialization. • Post-commercialization Support: Ongoing assistance with legal, financial, and market expansion strategies for commercialized technologies. • Legal Support and Consultancy: Legal and business consulting for a spin-off that has secured large-scale funding for further development.

INTELLECTUAL PROPERTY RIGHTS - PROTECTION AND MANAGEMENT - OVERVIEW ACCORDING TO COMPLEXITY LEVEL

Complexity	Basic	Intermediate	Advanced
Objective	Introduce partners to the basics of IP and the importance of protection.	Equip partners with the skills to protect and manage their intellectual property effectively.	Prepare partners for advanced IP strategies, including international protection and commercialization.
Scope	• Training - IP Overview: Introduction to the types of IP, including patents, trademarks, copyrights, and trade secrets. • Basic Protection: Guidance on filing for national IP protection (e.g., local patents, trademarks). • Awareness Programs: Basic education through workshops and online tutorials. • Referral: Referral to relevant IP offices and experts for further support.	• IP Strategy Development: Assistance in creating a tailored IP strategy, including identification of key assets. • Filing Support: Support for registering patents, trademarks, and copyrights at national and European levels. • IP Portfolio Management: Basic support for managing and updating IP portfolios. • Consulting Services: One-on-one guidance for preparing IP filings and managing IP portfolios. • Workshops: Detailed workshops on specific IP topics, such as patents in high-tech sectors.	• International Protection: Guidance on protecting IP in multiple jurisdictions, including WIPO filings for patents and trademarks. • IP Commercialization: Assistance with licensing, joint ventures, and IP monetization. • IP Enforcement: Guidance on managing legal disputes and protecting IP from infringement. • Advanced Advisory: In-depth consulting on global IP strategies, including patent litigation and high-level IP transactions. • Legal Network Support: Access to legal networks for IP dispute resolution and international enforcement.

TECHNOLOGIES - INNOVATION AND TRANSFER SERVICES
- OVERVIEW ACCORDING TO COMPLEXITY LEVEL

The IaaS4DR partners have collected 75 good innovation support practices coming from their regional support systems. The following table provides an overview of the 75 good practices collected by the IaaS4DR partners, displaying the target groups addressed and the different types of facilities offered by the respective practices. A full set of the practices’ descriptions is to be found in the annexes.

GOOD PRACTICES			LIFECYCLE				TYPE OF SUPPORT							
Good practice	Region	Country	Stand - up	Startup	Scale - up	Mature	Awareness	Orientation	Networking	Sectorial Training	Consulting	Individual Training	Tech Transfer	Market Research
Campus V (PRISMA)	Vorarlberg	AT		x	x	x			x					
Startupland	Vorarlberg	AT	x	x	x	x	x		x		x			
V-Labs	Vorarlberg	AT	x	x	x						x		x	x
WISTO Wirtschafts -Standort Vorarlberg GmbH	Vorarlberg	AT	x	x	x	x	x	x	x		x			x
Junge Wirtschaft	Vorarlberg	AT	x	x	x	x		x	x		x			
Startupstube	Vorarlberg	AT	x	x	x	x	x	x	x		x			
PREDAServices	Prijedor	BA	x	x	x	x	x	x	x	x	x	x		
RARS	Prijedor	BA	x	x			x	x	x	x				
Centre for Development and Research Support	Prijedor	BA	x	x			x			x	x			
BSO/RDA - KARP	Karlovy Vary	CZ		x	x	x	x	x	x		x			
Ivation centre INION	Karlovy Vary	CZ	x	x	x	x	x	x	x	x	x			
BSO - CzechInvest	Karlovy Vary	CZ		x	x	x	x	x	x		x		x	x
Research organization ILAB	Karlovy Vary	CZ			x	x	x	x	x	x		x	x	
Chamber of commerce	Karlovy Vary	CZ		x	x	x	x	x	x	x	x			x
Campus Schwarzwald	Northern Black Forest	DE				x			x				x	
Design Factory (HS PF)	Northern Black Forest	DE	x	x	x		x	x	x		x		x	x
Digital Hub (Horb)	Northern Black Forest	DE	x	x	x	x	x	x			x	x	x	
INNONENT®	Northern Black Forest	DE			x	x	x	x					x	x
Ökosystem rdschwarzwald	Northern Black Forest	DE	x	x	x			x	x		x	x	x	
Business Incubator Bios, Osijek	Osijek	HR	x	x	x		x		x	x	x	x		x
Centre for Research, Development & Innovations (CRDI), Slavonski Brod	Osijek	HR	x						x	x	x	x	x	
Požega Business Incubator	Osijek	HR	x	x	x	x	x	x	x		x	x		
Brod-Posavina County Development Center	Osijek	HR	x	x	x	x			x		x			x

GOOD PRACTICES			LIFECYCLE				TYPE OF SUPPORT							
Good practice	Region	Country	Stand - up	Startup	Scale - up	Mature	Awareness	Orientation	Networking	Sectorial Training	Consulting	Individual Training	Tech Transfer	Market Research
Food Hub	Podgorica and Montenegro	ME				x	x	x			x			
Union of Young Entrepreneurs	Podgorica and Montenegro	ME		x	x		x	x	x	x	x	x		
Mediterranean Excellence in Computing and Ontology (MECOnet)	Podgorica and Montenegro	ME	x	x			x	x	x	x	x		x	
Prona	Podgorica and Montenegro	ME	x				x			x	x	x		
BrainMap	Northeast Romania	RO	x	x	x	x	x	x	x					
EERTIS	Northeast Romania	RO	x	x	x	x	x	x	x					
Cafeneaua de Ivare	Northeast Romania	RO	x	x	x	x	x	x	x					
Early Game Ventures	Northeast Romania	RO		x				x	x		x			
North-East Regional Development Agency	Northeast Romania	RO				x	x	x	x	x	x	x		
Orange Fab Romania	Northeast Romania	RO	x	x	x		x	x	x	x	x	x		
Ivation Labs	Northeast Romania	RO		x			x	x	x		x	x	x	
TechAngels	Northeast Romania	RO		x				x	x		x			
MAVIS Ivation and Technology Transfer Center	Northeast Romania	RO				x	x		x		x	x	x	
Technological Transfer Centre POLYTECH	Northeast Romania	RO				x	x	x	x		x	x	x	x
iTransfer Technology Transfer Center	Northeast Romania	RO		x	x	x			x			x	x	
CEMEX - Advanced Research and Development Center for Experimental Medicine	Northeast Romania	RO				x	x							x

GOOD PRACTICES			LIFECYCLE				TYPE OF SUPPORT							
Good practice	Region	Country	Stand - up	Startup	Scale - up	Mature	Awareness	Orientation	Networking	Sectorial Training	Consulting	Individual Training	Tech Transfer	Market Research
Center Of Competences For Advanced Engineering (Cekom), va Gradiška	Osijek	HR	x	x	x	x	x	x	x		x	x	x	x
Techlogy Incubator va Gradiška	Osijek	HR	x	x	x	x	x	x	x	x	x	x	x	x
PBN & am -LAB & at home	West Transdanubia	HU			x		x	x	x	x	x	x	x	x
StartUpup	West Transdanubia	HU			x		x	x	x		x	x		
Entrepreneurship Centre	West Transdanubia	HU			x						x			
ZalaZONE	West Transdanubia	HU			x						x		x	
SPARKI	Central Transdanubia	HU		x	x		x	x			x			
Startup Campus	Central Transdanubia	HU		x			x	x	x	x	x	x		
Hungarian Startup University Program	Central Transdanubia	HU		x			x	x	x	x	x	x		x
MOME Incubation Programme	Central Transdanubia	HU		x			x	x	x	x	x	x		
Digitaltech EDIH	Central Transdanubia	HU		x	x	x	x	x		x	x	x		
Upbeat Hub	Podgorica and Montenegro	ME	x	x	x		x	x	x	x	x	x		
Cortex	Podgorica and Montenegro	ME			x	x	x		x	x	x	x		x
Digital Den	Podgorica and Montenegro	ME	x	x	x			x			x		x	
Science and Technology Park (NTC)	Podgorica and Montenegro	ME		x	x	x			x	x	x			
Community Impact Accelerator ZID	Podgorica and Montenegro	ME	x	x			x	x	x	x	x	x		

GOOD PRACTICES			LIFECYCLE				TYPE OF SUPPORT							
Good practice	Region	Country	Stand - up	Startup	Scale - up	Mature	Awareness	Orientation	Networking	Sectorial Training	Consulting	Individual Training	Tech Transfer	Market Research
The Technological Transfer Center in Industry 4.0 and Smart Destinations	Northeast Romania	RO		x	x	x	x		x		x	x	x	
Rubik Hub	Northeast Romania	RO				x	x	x	x	x	x	x		
Digital Ivation Zone	Northeast Romania	RO				x	x	x	x	x	x	x	x	x
Association "Mai Bine"	Northeast Romania	RO	x	x	x	x	x	x	x		x			
Academic Organization for Environmental Engineering and Sustainable Development	Northeast Romania	RO	x	x	x	x	x	x	x	x	x	x		x
"Corona" foundation	Northeast Romania	RO	x	x				x		x	x	x		x
Creative industries (Hub de industrie creativa Iasi)	Northeast Romania	RO	x	x	x						x	x		x
Factory 4.0	Northeast Romania	RO	x	x	x	x				x	x	x	x	x
Imago Mol	Northeast Romania	RO	x	x	x	x	x	x	x	x	x	x		
Rural Development Research Platform	Northeast Romania	RO	x	x	x	x	x	x	x	x	x	x		x
FABLAB Iasi	Northeast Romania	RO	x	x	x	x	x	x	x	x		x	x	
PONI	Pomurje and Slovenia	SI	x				x	x	x		x	x		
BIZI PF	Pomurje and Slovenia	SI		x	x	x					x	x	x	x
PTP-DIH Smart Manufacturing	Pomurje and Slovenia	SI	x	x	x	x	x	x	x		x	x	x	x
JR 2023-2025	Pomurje and Slovenia	SI	x	x	x	x	x	x	x	x	x	x	x	x
SPS - CEFoF (Venture capital)	Pomurje and Slovenia	SI			x	x			x		x			x
UVP Technicom	Kosice	SK	x	x	x		x	x		x	x		x	
RICKE	Kosice	SK	x	x			x	x	x	x	x	x	x	x
CNIC	Kosice	SK	x				x	x	x	x	x	x	x	x

Transnational toolbox and service portfolio for innovation support – Facilities for innovation

An important part of the standard innovation support services portfolio for accelerated innovation and industrial transition in rural and remote areas developed by the IaaS 4 DR partners is about spaces and infrastructure-based services. Spaces and infrastructure-based services are such services requiring specific facilities or pieces of equipment for their delivery for the benefit of entrepreneurs and innovators. They include typically (non-exhaustive list) providing access to...

- **Office and collaborative facilities**
- **Learning facilities**
- **Research facilities**
- **Testing facilities**
- **Development/prototyping facilities**
- **Production facilities**

Such facilities are especially important in rural and remote areas as rural regional innovation ecosystems are much less likely to offer access to such facilities without a specific dedicated effort from all the relevant stakeholders to compensate the lack of critical mass of actors. They help compensate for the lack of a dense innovation ecosystem by fostering collaboration, providing access to resources and infrastructure, and creating connections to broader innovation networks. Additionally, they support regional development by nurturing entrepreneurial culture, retaining local talent, and diversifying the rural economy. These spaces act as crucial hubs that bridge the gap between isolation and innovation, driving sustainable and inclusive growth in rural settings. In the following, it is described how those services contribute to accelerate innovation and industrial transition.

Access to office and collaborative facilities

OFFICE AND COLLABORATIVE FACILITIES

are a crucial element in fostering the development of new businesses and other innovation-driven ventures. Major categories of office and collaborative facilities in this context include:

Co-Working Spaces: Shared workspaces designed for start-ups and early-stage ventures to provide flexible and affordable access to office infrastructure, including meeting rooms, desks, and basic amenities.

Incubators and Accelerators: Facilities that provide office space along with mentoring, networking opportunities, and resources to fast-track the growth of start-ups and early-stage companies.

Research Parks and Innovation Hubs: Physical environments often located near universities or research institutions that offer office space alongside labs, research facilities, and access to specialized resources, creating a supportive ecosystem for academic spin-offs.

They convey the following benefits:

1. OVERCOMING GEOGRAPHICAL BARRIERS AND ISOLATION

Facilitating Networking and Collaboration: These facilities provide a physical space where innovators, entrepreneurs, and professionals can meet, collaborate, and share ideas. In rural or remote areas, where access to peers is limited, coworking spaces and incubators help break down geographical isolation and foster connections, both locally and globally. By doing so, they create a sense of community and networking opportunities that are essential for innovation.

Access to Broader Ecosystems: Incubators often have strong links to urban innovation hubs, research institutions, and venture capital networks. For rural innovators, these links can be critical in overcoming physical distance, giving them access to mentorship, knowledge, and investment opportunities that would otherwise be difficult to reach.

3. STIMULATING KNOWLEDGE SPILLOVERS

Cross-disciplinary Collaboration: Rural coworking spaces and incubators encourage diverse actors from various sectors to work alongside one another. This proximity fosters informal exchanges of knowledge and experiences, leading to innovation through cross-disciplinary collaboration and knowledge spillovers. In a rural setting, where experts and innovators might be few, this can help compensate for the lack of critical mass in specific industries.

Skill Development and Learning: Many incubators and coworking facilities provide training, workshops, and mentorship opportunities. These programs are particularly important in rural areas where access to continuous professional development and high-quality educational resources may be limited.

2. ACCESS TO RESOURCES AND INFRASTRUCTURE

Reducing Costs for Startups: Coworking spaces and incubators provide access to infrastructure (e.g., high-speed internet, meeting rooms, technical equipment) that individual entrepreneurs might not be able to afford on their own. This reduces the initial financial burden for startups and allows them to focus on innovation rather than basic operational needs.

Specialized Resources: In business incubators, entrepreneurs can often access sector-specific resources, such as prototyping facilities for tech startups, which are rarely available in rural settings. The presence of such infrastructure can significantly accelerate innovation processes.

4. BOOSTING ENTREPRENEURIAL CULTURE AND RETAINING TALENT

Encouraging Local Innovation: By providing a supportive environment for startups and entrepreneurs, coworking spaces and incubators help nurture a local innovation culture. This is vital in rural areas, where entrepreneurial activities may be less prevalent compared to urban centers. The presence of these facilities signals that innovation is possible and valued locally.

Preventing Talent Drain: Rural areas often struggle with “brain drain,” where skilled workers and innovators leave for urban areas in search of better opportunities. Providing high-quality office and collaborative spaces can help retain talent locally by offering entrepreneurs the infrastructure, support, and networking opportunities they need without having to relocate to a city.

5. ATTRACTING EXTERNAL INVESTMENTS AND PARTNERSHIPS

Increasing Visibility of Rural Innovation: Well-managed coworking spaces and incubators can serve as platforms to showcase local innovation projects to external investors, partners, and stakeholders. These facilities can help rural areas gain recognition for their innovative potential, attracting funding and creating partnerships with urban-based firms, research institutions, or government programs that are otherwise difficult to access.

Public-Private Synergies: In some cases, rural coworking spaces and incubators act as intermediaries between public funding and private innovation actors. They help local startups access public grants, innovation funds, and other policy-driven support programs that are designed to stimulate rural innovation.

6. ENHANCING REGIONAL DEVELOPMENT

Diversifying the Rural Economy: By fostering entrepreneurship and innovation, these facilities help diversify rural economies, reducing dependency on traditional industries such as agriculture or manufacturing. This diversification not only makes rural economies more resilient but also enhances their capacity to participate in high-value sectors like digital services, green technologies, or biotech.

Promoting Sustainable Development: Incubators focused on rural-specific challenges, such as agri-tech, clean energy, or eco-tourism, can drive innovation that directly contributes to the sustainability of the local environment and economy.

Collaborative facilities such as coworking spaces and business incubators are critical for stimulating innovation in rural and remote areas. They help compensate for the lack of a dense innovation ecosystem by fostering collaboration, providing access to resources and infrastructure, and creating connections to broader innovation networks. Additionally, they support regional development by nurturing entrepreneurial culture, retaining local talent, and diversifying the rural economy. These spaces act as crucial hubs that bridge the gap between isolation and innovation, driving sustainable and inclusive growth in rural settings. Moreover, such collaborative spaces can participate to address some place-based challenges such as the promotion of an entrepreneurial culture and mindset, digital literacy, and support community engagement.

In the following table, further explanation are provided to illustrate how office facilities related services can be structured according to the level of complexity (basic, intermediate, advanced) wanted or needed.

OFFICE FACILITIES - OVERVIEW ACCORDING TO COMPLEXITY LEVEL

Note: *it is assumed that at intermediate and advanced levels, the services offered at lower levels is included. Therefore, only additional or specific features are mentioned in those complexity levels.*

Complexity	Basic	Intermediate	Advanced
Objective	Provide basic office facilities offering fundamental infrastructure for early-stage companies and start-ups. Collective support services are offered to a limited extend.	Provide flexible office facilities combined with collective and individualised business support services, suitable for growing start-ups and spin-offs that require additional space and support services, as well as project teams.	Provide flexible office facilities combined with strong collective and individualised business support schemes with a strong dedication to growth. Provide specialised services focusing on the needs of specific sectors or advanced tech areas (IoT, deep-tech, biotech, medtech, etc.)
Scope	Amenities: - Shared reception, internet access, printing, meeting, cafeteria and break rooms. - Plug and play desks in different room sizes, including basic co-working areas. Community support: - Networking events. - Opportunistic matchmaking. Mentoring and advisory services: - Basic business development service - Sign posting to partners in the ecosystem for specialised advice.	Amenities: - Flexible offer in duration and size enabling fast adaptation to changing needs. - Modern co-working areas. Community support: - Active community management through dedicated events and personal contacts in combination with personalised advisory services. - Activities fostering collaboration in combination with personalised advisory services. - Regular access to relevant actors from the local entrepreneurial ecosystem, including university-industry partnerships. - Opportunistic support with helping beneficiaries joining collaborative / innovation projects. - Mentoring and advisory services: - Individualized support services on demand, also in collaboration with external experts. - Active follow-up of business development by dedicated person.	Amenities: - Facilities and services tailored to the needs of specific sectors (IT, biotech, etc.). - Combination with other types of facilities, like labs, prototyping equipment, etc. Community support: - Active support with setting up collaborative and innovation projects for the benefit of the residents. - Proactive matchmaking for the benefit of residents, including on transnational level. Mentoring and advisory services: - Structured intensive support programmes, including in collaboration with external partners. - Growth-focused support services with high intensity of delivery (i.e. accelerator programs) and strong dedication to growth.

Access to learning facilities

LEARNING FACILITIES enable to provide knowledge and skills to innovators and entrepreneurs within businesses, universities and research centres. By fostering continuous learning, these facilities contribute to building competencies in business development, management, innovation, and technology transfer.

Typical learning services are:

Technical and Innovation Training: Specialized courses aimed at enhancing the technical skills required to develop and scale innovative technologies, products, or services.

Lifelong Learning and Skill Development: Continuous learning initiatives that allow entrepreneurs and researchers to acquire new skills and stay updated with the latest trends in their industries.

Entrepreneurship and Business Training (covered under soft services): Programs focused on providing start-ups and spin-offs with the essential knowledge needed to develop business plans, secure funding, and manage early-stage ventures.

Mentorship and Coaching Programs (covered under soft services): One-on-one or group mentorship opportunities with experienced entrepreneurs, researchers, and industry experts.

Beyond classic learning environments, learning facilities also encompass such facilities that offer the opportunity to innovators to train their skills for using new digital or engineering technologies that contribute to the development of innovative products or services, or the implementation of new processes.

The major categories of learning facilities include:

Demonstration Centers: Facilities designed to showcase, test, and promote new technologies and innovations in real-world environments. These centers serve as platforms where innovators, companies, researchers, and potential customers can experience cutting-edge technologies firsthand, allowing stakeholders to assess their performance, usability, and potential applications before widespread adoption.

Vocational Education Centres: Specialized institutions that provide practical, skills-based training and education aimed at preparing individuals for specific trades, technical jobs, and emerging roles in technology-driven industries. These centers focus on equipping learners with the hands-on expertise and technical know-how required to operate, maintain, and innovate within technology-rich sectors, such as manufacturing, information technology (IT), healthcare, renewable energy, and digital technologies.

Learning Factories: Specialized educational and training environments designed to simulate real-world production and manufacturing processes. They integrate hands-on, practical training with cutting-edge technologies, enabling students, professionals, and researchers to acquire skills in modern production techniques, digital manufacturing, and Industry 4.0 technologies.

They convey the following benefits:

1. BRIDGING
THE SKILLS GAP

Hands-on Training: In rural and remote areas, formal education may not always align with the skills required for innovation-driven activities, particularly in advanced fields like digital technologies, engineering, and automation. Learning factories and digital innovation hubs provide practical, hands-on training that enables local entrepreneurs and innovators to acquire cutting-edge skills, bridging the gap between academic knowledge and real-world application.

Technology-Specific Expertise: These facilities often focus on specific technologies, such as advanced manufacturing, artificial intelligence, or the Internet of Things (IoT). This specialization is crucial in rural areas, where training for such high-tech competencies is scarce. By providing direct access to these resources, learning facilities ensure that local innovators can stay competitive with global trends in technology.

2. SUPPORTING LOCAL
BUSINESS DEVELOPMENT

Competence Building in SMEs: Many rural areas have a high concentration of small and medium-sized enterprises (SMEs), which often lack the resources or expertise to integrate advanced technologies into their operations. Learning facilities like demonstration centers and digital hubs help these SMEs **gain exposure to new technologies**, receive hands-on training, and adopt innovations that would otherwise be inaccessible due to cost or remoteness.

Enhancing Productivity and Innovation: The knowledge and skills gained in these facilities directly contribute to improving productivity, creating innovative products, or optimizing processes in rural businesses. For example, learning how to use digital technologies can enable SMEs to digitize their operations, optimize supply chains, or engage with customers in new ways, driving both **efficiency and innovation**.



3. FOSTERING COLLABORATION
AND KNOWLEDGE TRANSFER

Creating Innovation Ecosystems: Rural areas often suffer from a lack of critical mass in innovation actors, but learning facilities can act as local innovation hubs, bringing together different stakeholders such as businesses, universities, research centers, and even public institutions. This creates a collaborative environment where ideas, skills, and knowledge can be shared, fostering innovation through **cross-sector collaboration**.

Connecting Rural Areas to Broader Networks: Many learning facilities are part of larger national or international networks (e.g., digital innovation hubs in the EU), which helps rural innovators connect with experts, investors, and other resources outside their region. This connectivity helps break down the isolation of rural innovators and opens up opportunities for knowledge transfer, partnerships, and funding.

4. REDUCING THE RURAL
-URBAN INNOVATION DIVIDE

Access to Advanced Technologies: Learning factories and demonstration centers often provide access to expensive technologies and infrastructure that rural businesses and entrepreneurs wouldn't be able to afford independently, such as 3D printing, robotics, or AI-driven software. By **democratizing access** to these tools, these facilities help rural innovators keep pace with technological advancements seen in urban areas.

Connecting Rural Areas to Broader Networks: Many learning facilities are part of larger national or international networks (e.g., digital innovation hubs in the EU), which helps rural innovators connect with experts, investors, and other resources outside their region. This connectivity helps break down the isolation of rural innovators and opens up opportunities for knowledge transfer, partnerships, and funding.

5. ENCOURAGING ENTREPRENEURSHIP AND INNOVATION-DRIVEN STARTUPS

- **Fostering New Business Creation:** By providing both the technical skills and business development knowledge needed to start new ventures, these facilities contribute directly to the creation of new startups. This is particularly important in rural areas, where entrepreneurship can drive economic diversification and resilience. Learning facilities offer critical support in ideation, prototyping, and scaling, often helping entrepreneurs move from concept to market more efficiently.
- **Incubating High-Tech Businesses:** Digital innovation hubs, in particular, have proven effective in incubating startups focused on high-tech sectors, such as fin-tech, healthtech, or agri-tech. For example, rural regions with strong agricultural economies can use digital innovation hubs to develop precision agriculture solutions, blending traditional knowledge with cutting-edge technology to improve sustainability and productivity.

7. ATTRACTING INVESTMENTS AND BOOSTING COMPETITIVENESS

- **Raising Regional Profiles:** The presence of learning facilities such as digital innovation hubs can help **raise the profile of rural regions** as centers of innovation. This increased visibility can attract external investments, partnerships, and government support, which are essential for scaling local innovation-driven activities.

6. SUPPORTING REGIONAL DEVELOPMENT AND SUSTAINABILITY

- **Tailored Solutions for Local Needs:** Learning facilities in rural areas often focus on innovations that address **local challenges**, such as smart farming, renewable energy, or sustainable water management. By training local innovators to tackle these issues using advanced technologies, these facilities contribute to **sustainable regional development**. For example, learning factories in rural areas might focus on sustainable agriculture or resource-efficient manufacturing practices.
- **Promoting Green and Digital Transitions:** Learning facilities are increasingly focusing on the **green and digital transitions**, both of which are critical for long-term economic and environmental sustainability. In rural areas, these transitions can be particularly impactful, as they can help modernize traditional industries (e.g., agriculture, forestry) and make them more competitive globally.

- **Enhancing Global Competitiveness:** By ensuring that rural innovators are equipped with the latest skills and technologies, these facilities help rural regions stay **competitive in a globalized economy**. Innovators in these areas can contribute to global value chains, creating products and services that are relevant on both national and international scales.

Learning facilities such as learning factories, demonstration centers, and digital innovation hubs are essential for fostering innovation-driven activities in rural and remote areas. These facilities bridge skill gaps, enable access to advanced technologies, and create opportunities for collaboration and knowledge transfer. They also play a key role in preventing brain drain, fostering local entrepreneurship, and ensuring rural regions can participate in global innovation networks. Ultimately, they help rural areas overcome isolation and underdeveloped infrastructure by providing the skills, resources, and connections necessary for sustained innovation and economic growth.

LEARNING FACILITIES - OVERVIEW ACCORDING TO COMPLEXITY LEVEL

***Note:** it is assumed that at intermediate and advanced levels, the services offered at lower levels is included. Therefore, only additional or specific features are mentioned in those complexity levels. Entrepreneurial and business-related trainings are not considered here, they are part of the soft services.*

Complexity	Basic	Intermediate	Advanced
Objective	Inform and access to training about the potential of new technologies (digital, material, engineering, hybrid) for innovation in products and process	Demonstrate new technologies and deliver short trainings enabling to grasp their potential for innovation in products and process	Offer full-fledge training - practice and theory - enabling the uptake of state-of-the-art digital, material, engineering and hybrid technologies in industrial processes and new products
Scope	Demonstration Centers • Basic access to existing demonstration environments • Information on events to promote existing demonstration environments Vocational Education and training Centres (VETs) • Basic access to existing VETs • Information on events to promote existing VETs • Learning Factories • n.a	Demonstration Centers • Access to proven technologies in demonstration technologies, combined with short training offers. Mostly focussing digital / automation technologies. • Consultancy with respect to the identification of potential technology uptake in businesses. Vocational Education Centres • Setup of need-based training offer in production technologies in collaboration with existing VETs • Collaboration with regional universities and research organisations for training offers. Learning Factories • Access to single pieces of technologies in close to real productive environments. • Workshops and single short training offers	Demonstration Centers • Providing access to state-of-the-art prototyping equipment, regularly upgrade, with a strong specialisation (Automation, MedTech, Biotech, etc.) • Comprehensive training • Specialised consulting offers with respect to the identification and adaptation of state-of-the-art technologies for product or process innovation Vocational Education Centres • Collaboration with state of the art (transnational level) technical centres and universities for innovative training offers. • High-level training curricula and certification. Learning Factories • Access to full-fledge educational and training environments designed to simulate real-world production and manufacturing processes in selected areas. Mostly with a focus on IoT based automated processes. • Full training programmes for students and workers. Including certification. • High-level coaching from industry experts and trainers.

Access to research facilities

RESEARCH FACILITIES provide crucial infrastructure and resources that enable innovation and support the development of new technologies and products. The following major categories comprise the research facilities services:

Access to Specialized Laboratories: Research centres often offer specialized labs equipped with high-end tools and technologies, such as biotech labs, materials testing facilities, and cleanrooms.

- **Collaborative Research Programs:** These programs bring together university researchers, entrepreneurs, and industry partners to collaborate on R&D projects.
 - **Data and Computational Resources:** Access to supercomputing facilities, big data analytics tools, and software platforms for research and innovation.
- **Knowledge Exchange Platforms:** Services that facilitate the transfer of academic research into practical applications, including collaboration with technology transfer offices (TTOs) and incubators.
- They convey the following benefits:

1. OVERCOMING THE INFRASTRUCTURE DEFICIT

- **Access to Specialized Laboratories:** Rural areas generally lack the advanced infrastructure required for cutting-edge research. Research centers equipped with specialized labs such as biotech, materials testing, or cleanrooms give rural entrepreneurs, SMEs, and researchers access to high-end tools that they couldn't otherwise afford or access locally. This is crucial for innovation in sectors like agriculture, healthcare, and clean energy, where precise testing and prototyping are required to develop new products.
- **Reducing Geographic Barriers:** By providing centralized, state-of-the-art facilities, research centers eliminate the need for rural innovators to travel long distances to urban centers or global hubs. Instead, they can conduct research locally, which speeds up product development cycles and enables more rural actors to participate in R&D.

2. FOSTERING COLLABORATION AND MULTIDISCIPLINARY INNOVATION

- **Collaborative Research Programs:** Collaborative research programs bring together various stakeholders—universities, industry partners, and entrepreneurs—to work on R&D projects that address both global challenges and local needs. In rural areas, this kind of collaboration can be particularly valuable, as it allows local problems to be tackled with innovative solutions grounded in both academic research and practical industry knowledge.
- **Cross-Sector Innovation:** Such programs often promote cross-sector collaboration. For instance, rural regions may be strong in agriculture, and by collaborating with biotech or digital experts in research facilities, local actors can drive innovations in agri-tech, smart farming, and food security solutions. This creates a more diversified, innovation-driven economy and increases regional resilience.



3. LEVERAGING DATA AND COMPUTATIONAL RESOURCES

- **Access to Advanced Data and Computational Tools:** In today's knowledge economy, access to big data analytics, supercomputing, and advanced simulation tools is key to staying competitive in sectors ranging from manufacturing to agriculture. Research facilities that provide these resources give rural businesses and researchers the ability to handle complex data, run sophisticated simulations, and apply cutting-edge AI tools, which would otherwise be out of reach in remote areas.
- **Enabling Digital Innovation:** Rural regions often lag behind in digital transformation due to infrastructure and skill shortages. Access to these computational tools allows businesses in these areas to explore and adopt innovations like IoT (Internet of Things), precision farming, and smart energy solutions. It levels the playing field, enabling rural areas to take part in the global digital economy and use data to solve local challenges more effectively.

4. FACILITATING KNOWLEDGE TRANSFER AND COMMERCIALIZATION

- **Knowledge Exchange Platforms:** One of the biggest barriers for innovation in rural areas is the gap between academic research and commercial application. Research facilities help bridge this gap by providing knowledge exchange services and technology transfer offices (TTOs), which specialize in translating academic discoveries into marketable products. For example, rural innovations in sustainable agriculture, renewable energy, or local health solutions can be more effectively commercialized through these platforms, helping local businesses scale and enter new markets.
- **Incubation and Mentorship:** Many research facilities are linked to incubators that mentor rural entrepreneurs on how to transform research outputs into viable products and services. This support can include business model development, patenting, and navigating regulatory requirements, which are critical elements for rural startups and SMEs that lack these capabilities locally.

RESEARCH FACILITIES – OVERVIEW ACCORDING TO COMPLEXITY LEVEL

Note: it is assumed that at intermediate and advanced levels, the services offered at lower levels is included. Therefore, only additional or specific features are mentioned in those complexity levels.

Complexity	Basic	Intermediate	Advanced
Objective	Provide basic access to research tools and facilities for small-scale, exploratory research and prototyping.	Offer intermediate resources and collaborations to support larger R&D projects.	Enable access to high-level research facilities and partnerships for cutting-edge, large-scale innovation projects.
Scope	Access to Specialized Laboratories: - Basic access to university labs and general research equipment (e.g., simple lab tools, microscopes). - Information events promoting industry-research collaboration. Collaborative Research Programs: - Mentoring and guidance on conducting small-scale experiments and research projects. - Offering collaboration opportunities primarily with university research projects and student teams. Data and Computational Resources: - Providing basic access to public research databases and open-source tools for data analysis.	Access to Specialized Laboratories: - Access to specialized labs and tools for sector-specific research (e.g., biotech, materials science). Collaborative Research Programs: - Guidance on applying for research grants and public funding. - Mentorship from university faculty and experienced researchers on how to design and execute medium-scale R&D projects. - Partnerships with research centres, incubators, and other start-ups for joint R&D efforts. Data and Computational Resources: - Access to university-provided data resources, including private databases and sector-specific tools.	Access to Specialized Laboratories: - Full access to advanced research facilities (e.g., nanotechnology labs, supercomputers). Collaborative Research Programs: - Co-development with leading researchers and participation in large-scale international research projects. - Advanced mentorship focused on large-scale innovation projects and complex partnerships with multiple stakeholders (e.g., universities, industry, and government). - International research collaborations, industry partnerships, and access to global research networks. - Comprehensive commercialization services through TTOs, including large-scale technology transfer, high-value licensing agreements, and advanced partnerships with multinational companies. Data and Computational Resources: - Full access to high-performance computing facilities and advanced data analytics platforms for complex research

Access to testing facilities

TESTING FACILITIES are essential resources that enable start-ups, spin-offs, and research teams to validate and assess their innovations, products, and technologies. These services support the journey from concept to commercialization by ensuring that products meet necessary standards, perform as expected, and are ready for market launch.

The following major categories comprise the testing facilities services:

- Product Performance Testing:** Facilities and services to test the functionality and performance of new products and prototypes under real-world conditions. They are often called Living Labs when they involve real clients testing new products.
- Compliance and Certification Testing:** Ensures that products meet industry standards and regulatory requirements, including safety, quality, and environmental certifications.
- Materials Testing and Analysis:** Specialized facilities for testing the strength, durability, and performance of materials usedx in product development.
- Environmental and Stress Testing:** Facilities for testing products under extreme conditions such as high temperature, humidity, vibration, and pressure to assess product reliability.



1. ENABLING LOCAL PRODUCT VALIDATION AND COMMERCIALIZATION

- **Product Performance Testing** (Living Labs): In rural areas, where real-world testing environments may be more readily available, product performance testing through facilities like Living Labs becomes a critical asset. These labs provide real-world conditions for innovators to test prototypes with actual users, providing invaluable feedback on functionality, usability, and performance. This not only accelerates product development cycles but also ensures that innovations are tailored to the needs of rural or remote communities, such as in agriculture, health care, or local energy solutions.
- **Reducing Development Costs and Time-to-Market:** By providing access to local testing facilities, rural innovators can reduce the costs and time associated with traveling to urban centers for testing. This makes it easier for local entrepreneurs and start-ups to validate their products, speeding up the process of bringing innovations to market. In remote areas, where access to resources is limited, this can significantly enhance the pace of local innovation.

2. ENSURING COMPLIANCE AND MARKET READINESS

- **Compliance and Certification Testing:** Many products must meet stringent regulatory and industry standards before they can be sold, particularly in sectors like agriculture, healthcare, and energy, which are often central to rural economies. Compliance testing ensures that products developed in rural regions meet these standards, whether they are related to safety, environmental impact, or industry-specific regulations. Without access to these services, rural innovators may struggle to bring their products to market, particularly in highly regulated industries.
- **Facilitating Access to New Markets:** By helping rural businesses achieve certification for their products (e.g., ISO standards, CE marking, or environmental certifications), testing facilities enable them to access new domestic and international markets. This is particularly crucial for rural areas looking to export innovative products, allowing local businesses to compete globally.

3. SUPPORTING ADVANCED MATERIAL INNOVATION

- **Materials Testing and Analysis:** In many innovation-driven sectors, the performance of products hinges on the properties of the materials used. For example, the agricultural sector in rural areas may require durable, sustainable materials for farm equipment, or the renewable energy sector may rely on new materials for wind turbines or solar panels. Access to materials testing allows rural innovators to test and select the best materials for their products, ensuring durability, performance, and cost-effectiveness. This is especially important in resource-intensive industries common in rural areas, such as construction or energy.
- **Sustainable Material Development:** Testing facilities also enable rural areas to focus on sustainable material innovation, testing the performance of eco-friendly alternatives like bio-based or recycled materials. This supports the development of products that align with sustainability goals and reduces reliance on non-renewable resources, which is critical for rural regions focused on environmental resilience.

4. IMPROVING PRODUCT DURABILITY AND RELIABILITY

- **Environmental and Stress Testing:** Rural areas often face harsh environmental conditions, such as extreme temperatures, humidity, or high winds. Testing facilities that offer environmental and stress testing ensure that products developed in these regions can withstand such extreme conditions. For instance, agricultural machinery, renewable energy technologies (e.g., solar panels, wind turbines), or even healthcare devices used in remote clinics need to be reliable in challenging environments. This kind of testing ensures that products not only meet local needs but also have the robustness to be used in other regions with similar environmental challenges.
- **Enhancing Product Lifespan:** Through stress and environmental testing, rural innovators can develop products with enhanced durability and longevity, which is especially important for regions where replacing equipment or importing new products can be costly and logistically challenging. Testing the resilience of products ensures cost savings for local businesses and consumers in the long run by reducing the need for frequent repairs or replacements.



5. FOSTERING LOCAL INNOVATION ECOSYSTEMS

- **Supporting Startups and Spin-offs:** For startups, particularly in rural areas where resources are more limited, access to local testing facilities is a game-changer. These services lower the barriers to entry by providing essential infrastructure that startups could not afford on their own, such as high-end lab equipment for testing prototypes or specialized tools for conducting safety assessments. Startups and spin-offs in these areas benefit from having a local resource to test, refine, and iterate on their innovations, which boosts the overall innovation ecosystem in the region.
- **Enhancing Innovation Capacity:** Testing facilities also attract research partnerships and collaborations with universities, national laboratories, and larger companies. This contributes to building an innovation ecosystem in rural areas, creating opportunities for knowledge sharing, talent development, and economic growth. These collaborations further strengthen the innovation landscape by linking local businesses with external expertise and funding opportunities.

6. REDUCING RURAL-URBAN INNOVATION DIVIDE

- **Providing Equal Access to Advanced Testing:** One of the biggest challenges for rural innovators is the geographic barrier to accessing testing and certification facilities, which are often concentrated in urban innovation hubs. By establishing or providing access to these services in rural regions, testing facilities help reduce the innovation divide between urban and rural areas. This ensures that rural innovators have the same opportunities to validate their products and access markets as their urban counterparts.
- **Supporting Regional Competitiveness:** Access to high-quality testing facilities makes rural regions more competitive by enabling them to develop high-quality, certified products that can compete in both local and global markets. This helps level the playing field between rural and urban areas, enhancing the economic viability and attractiveness of rural regions as centers of innovation.

7. ACCELERATING SUSTAINABLE AND REGION-SPECIFIC SOLUTIONS

- **Customization for Local Needs:** Testing facilities in rural areas can focus on region-specific innovations, such as technologies related to sustainable agriculture, renewable energy, or resource management. For example, environmental testing facilities can help develop climate-resilient crops or more efficient irrigation systems, while performance testing centers can support innovations in rural health technologies or off-grid energy solutions. Tailoring these services to the specific needs of rural regions accelerates the development of solutions that are not only innovative but also address pressing local challenges.
- **Promoting Sustainable Development:** Testing facilities can support the development of sustainable, environmentally-friendly technologies, particularly in sectors like energy, agriculture, and construction. By providing testing services for eco-friendly materials, renewable energy products, or green building technologies, these facilities encourage the growth of businesses that contribute to sustainable rural development and reduce environmental impact.

8. ATTRACTING INVESTMENTS AND PROMOTING ECONOMIC GROWTH

- **Increasing Investor Confidence:** Investors and venture capitalists are more likely to fund startups and innovations that have undergone rigorous testing and certification. Access to local testing facilities allows rural innovators to prove the viability of their products, which increases investor confidence and opens up new funding opportunities. The presence of testing facilities can thus help attract external investments to rural areas, fueling further innovation and economic growth.
- **Economic Spillovers:** The establishment of testing facilities in rural areas creates a multiplier effect, benefiting not only the innovators but also local suppliers, manufacturers, and service providers. These spillover effects stimulate economic activity and create high-quality jobs, from technical roles within the facilities to associated industries that support innovation.

Testing facilities, such as those offering product performance, compliance and certification, materials testing, and environmental testing, are vital to fostering innovation-driven activities in rural and remote areas. These services allow local innovators to validate and refine their products, ensuring that they meet industry standards and are ready for commercialization. By providing access to essential infrastructure, reducing costs, and accelerating product development, testing facilities help overcome the geographic and infrastructure barriers often faced by rural innovators. Moreover, they contribute to creating a local innovation ecosystem, promoting regional competitiveness, and supporting sustainable economic development.

TESTING FACILITIES – OVERVIEW ACCORDING TO COMPLEXITY LEVEL

Note: it is assumed that at intermediate and advanced levels, the services offered at lower levels is included. Therefore, only additional or specific features are mentioned in those complexity levels.

Complexity	Basic	Intermediate	Advanced
Objective	Provide access to basic testing facilities for initial validation of product concepts and prototypes.	Offer more specialized testing and support for compliance with industry standards.	Enable complex, high-level testing, including environmental stress testing and certification in highly regulated industries.
Scope	- Basic advice on prototype testing from university labs and faculty. - Basic functionality testing of prototypes, using general-purpose tools and labs. - Limited materials testing, focusing on durability and basic performance. - Initial advice on basic compliance requirements for industry standards. - Basic performance testing, limited to core product functions.	- Access to sector-specific testing equipment (e.g., biomedical, electronics). - Guidance on preparing for industry-standard certifications. - Environmental testing (e.g., temperature, humidity) for product reliability. - Support in obtaining necessary certifications, including preparation of documentation and guidance through the regulatory process. - Intermediate testing capabilities for sector-specific needs (e.g., medical device testing, electronics testing).	- Full access to specialized testing facilities with advanced capabilities (e.g., nanotechnology, aerospace). - In-depth compliance testing and certification for highly regulated industries. - Simulations and advanced stress testing (e.g., high-pressure, extreme temperatures). - Collaborative testing and certification projects involving global research networks, multinational companies, and regulatory bodies. - Full support in navigating complex certification processes, including international regulatory compliance and testing for emerging industries. - Full access to cutting-edge testing tools, simulations, and compliance resources for advanced products and technologies.

Access to development and prototyping facilities

DEVELOPMENT AND PROTOTYPING FACILITIES are essential resources offered to foster innovation and support the growth of start-ups and spin-offs originating from universities and research centres. These services enable entrepreneurs, innovators, and researchers to transform ideas into prototypes, ultimately advancing towards commercialization. These facilities often support key stages of the innovation process, including early-stage development, proof of concept, and scaling of production prototypes.

The following major categories comprise the development and prototyping support services:

Access to Prototyping Equipment: Provision of state-of-the-art tools, machinery, and laboratories to facilitate the development of physical prototypes.

Digital Prototyping and Simulation: Support in creating digital models, simulations, and virtual prototypes to test feasibility before physical production.
Technical Mentorship: Guidance from experts in various fields such as engineering, material science, and software development to help refine the design and functionality of prototypes.

Collaborative Development: Opportunities for co-development through partnerships with research institutions, accelerators, and industry players to bring ideas to market more efficiently.

They convey the following benefits:

1. REDUCING BARRIERS TO ENTRY FOR LOCAL INNOVATORS

Access to Prototyping Equipment: Rural and remote areas often lack access to the expensive and sophisticated equipment needed for developing physical prototypes. **Development facilities that provide state-of-the-art tools, machinery, and labs** allow local innovators, small businesses, and start-ups to create and test their prototypes without the high capital investment required to acquire these resources on their own. This enables rural entrepreneurs to experiment with new ideas and develop functional prototypes that meet market standards, which is essential for product development and commercialization.

Bridging Infrastructure Gaps: By offering access to the same high-tech equipment found in urban innovation hubs, prototyping facilities in rural areas help bridge the **infrastructure gap**, allowing local businesses to participate in cutting-edge product development. This reduces the need for rural innovators to travel to distant cities or regions for access to necessary tools, enabling them to focus on **local challenges and opportunities**.



2. ACCELERATING INNOVATION AND MARKET READINESS

- **Digital Prototyping and Simulation:** Digital tools and simulations allow innovators to test ideas and products virtually before creating physical prototypes. For rural start-ups, where resources are often limited, **digital prototyping and simulation** are essential for reducing costs and speeding up the development process. Innovators can test the **feasibility, design, and functionality** of a product in a virtual environment, identifying potential problems early on and avoiding the high costs of rework in later stages. This accelerates the **path to market** for rural innovators, enabling them to iterate faster and bring products to market more efficiently.
- **Lowering Costs of Product Development:** The ability to perform **virtual testing and simulations** reduces the financial risk for rural entrepreneurs by identifying potential issues before committing to full-scale production. This approach minimizes the need for physical prototypes in the initial stages, making innovation more affordable and accessible to rural innovators who may have more limited funding.

3. PROVIDING CRITICAL TECHNICAL EXPERTISE

- **Technical Mentorship:** Access to technical experts in fields such as engineering, material science, and digital technology is often lacking in rural regions. **Prototyping facilities that offer mentorship from experts** provide rural innovators with critical support in refining their designs and improving the functionality of their prototypes. This guidance helps ensure that the prototypes meet technical standards and market needs, reducing the likelihood of failure at later stages of development.
- **Tailored Solutions for Local Context:** Expert mentors in these facilities can also help tailor product designs to fit the unique challenges and needs of rural areas, such as developing **agri-tech solutions** for local farmers or **renewable energy technologies** suitable for off-grid regions. By addressing these local challenges, rural innovators are more likely to develop solutions that have immediate regional applications, while also creating products with potential for wider markets.

4. ENHANCING COLLABORATION AND KNOWLEDGE SHARING

- **Collaborative Development Opportunities:** **Collaborative development** is particularly valuable in rural regions, where innovation actors such as universities, research institutions, and industry partners may be more isolated. Prototyping facilities often serve as **innovation hubs**, facilitating partnerships between local start-ups, research centers, and larger industry players. These partnerships provide access to **shared resources** and expertise, helping rural innovators overcome limitations related to isolation and limited networks.
- **Building Regional Innovation Ecosystems:** By fostering collaboration, prototyping facilities help build **regional innovation ecosystems** in rural areas. These ecosystems connect local innovators with external knowledge and funding sources, helping rural businesses scale faster and become more competitive. Collaborative development also opens up access to **joint R&D projects**, where rural and urban innovators can work together on larger-scale initiatives, benefiting both regions.

5. SUPPORTING SUSTAINABLE DEVELOPMENT AND LOCAL PROBLEM-SOLVING

- **Development of Localized Solutions:** Rural areas often face unique challenges that require tailored solutions, such as improving agricultural productivity, developing off-grid energy systems, or addressing rural healthcare gaps. Prototyping facilities allow innovators to **develop and test region-specific products**, ensuring that they meet the needs of local communities. For instance, agri-tech start-ups can use these facilities to prototype new farming tools or smart farming systems, which can boost productivity and sustainability in local agriculture.
- **Promoting Sustainable Technologies:** These facilities also support the development of **sustainable technologies**, such as renewable energy solutions, eco-friendly materials, and circular economy products. This is particularly important in rural regions where environmental challenges, such as resource depletion or lack of access to energy, may be more pronounced. By prototyping sustainable innovations, rural areas can become leaders in developing green technologies, creating new economic opportunities and aligning with global sustainability goals.



6. SCALING INNOVATIONS AND ENABLING LOCAL MANUFACTURING

- **Facilitating Early-Stage Scaling:** Once a prototype has been developed and validated, the next challenge for rural innovators is scaling production. Prototyping facilities often support this transition by helping to create **production prototypes** and offering access to small-scale manufacturing resources. This helps start-ups and spin-offs move from concept to small-batch production, enabling them to test market demand and refine their manufacturing processes before scaling up to larger production volumes.
- **Supporting Local Manufacturing:** By providing access to **production equipment**, these facilities also support the development of local manufacturing capabilities. This can have a **multiplier effect** in rural regions, stimulating the local economy by creating new jobs in both the innovation and manufacturing sectors. Moreover, it helps rural areas become less dependent on external supply chains, fostering more self-sustaining local economies.

7. REDUCING THE RURAL-URBAN INNOVATION DIVIDE

- **Democratizing Access to Advanced Tools:** One of the main obstacles faced by rural innovators is the geographic and infrastructural divide that limits their access to the same resources as urban innovators. Development and prototyping facilities **help level the playing field** by providing rural businesses with access to the same advanced tools, machinery, and expertise available in larger innovation hubs. This democratization of resources enables rural innovators to compete on a more equal footing, both in national and international markets.
- **Encouraging Retention of Local Talent:** By offering development facilities locally, rural regions can **retain talent** that would otherwise migrate to urban centers in search of better opportunities. Prototyping facilities serve as innovation hubs that attract skilled professionals, researchers, and entrepreneurs to stay in rural areas, contributing to **regional brain gain** and fostering a thriving local innovation ecosystem.

8. ATTRACTING INVESTMENTS AND BOOSTING ECONOMIC GROWTH

- **Increasing Investor Confidence:** Prototyping facilities allow rural start-ups to **validate their ideas** and demonstrate proof of concept, which is crucial for attracting investors. Investors are more likely to fund ventures that have working prototypes and a clear path to commercialization. Access to these facilities boosts investor confidence, making it easier for rural innovators to secure funding from venture capitalists, angel investors, or public innovation grants.
- **Boosting Local Economic Development:** The presence of prototyping facilities stimulates **economic growth** in rural regions by encouraging the creation of new businesses, supporting job creation, and fostering the development of locally produced products. These facilities help rural regions transition from being primarily resource-based economies to more diversified, **innovation-driven economies**, which are more resilient and better able to adapt to changing market conditions.

Development and prototyping facilities, offering access to advanced tools, digital modeling, expert mentorship, and collaborative development opportunities, are critical to fostering innovation-driven activities in rural and remote areas. These facilities help overcome the barriers of isolation, limited resources, and lack of infrastructure that often impede innovation in these regions. By enabling local entrepreneurs, start-ups, and research teams to develop, refine, and scale their prototypes, these facilities support the entire innovation journey—from concept to commercialization. Moreover, they help build regional innovation ecosystems, promote sustainable development, and create economic opportunities, ensuring that rural areas can participate fully in the global innovation economy.

DEVELOPMENT AND PROTOTYPING FACILITIES - OVERVIEW ACCORD-
ING TO COMPLEXITY LEVEL

***Note:** it is assumed that at intermediate and advanced levels, the services offered at lower levels is included. Therefore, only additional or specific features are mentioned in those complexity levels.*

Complexity	Basic	Intermediate	Advanced
Objective	Provide basic access to development tools and facilities for simple prototyping.	Offer enhanced support with access to more sophisticated equipment and digital tools.	Enable complex prototype development with extensive technical support, partnerships, and high-end facilities.
Scope	Access to Prototyping Equipment: • Providing access to basic prototyping equipment (e.g. 3D-printers) through partnerships with local stakeholders. • Information events to promote the existing offer at local level. Digital Prototyping and Simulation: • Providing access to digital prototyping and simulation through partnerships with local stakeholders. • Information events to promote the existing offer at local level. Technical Mentorship: • n.a. • Collaborative Development • n.a.	Access to Prototyping Equipment: • Providing access to managed prototyping equipment, for instance in the framework of a FabLab or maker space. • Access to more advanced tools like CNC machines, laser cutters, • Demonstration and training events related to the use of the equipment available. Digital Prototyping and Simulation: • Providing access to managed classic digital simulation equipment, for instance in the framework of a digital hub. • Demonstration and training events related to the use of the equipment available. • Technical Mentorship: • Limited technical mentorship focused on fundamental design and prototype construction. • Technical support for building functional prototypes by using the equipment available. • Collaborative Development • n.a.	Access to Prototyping Equipment: • Providing access to state-of-the art prototyping equipment, regularly upgrade. Digital Prototyping and Simulation: • Providing access to state-of-the art digital simulation solutions (VR, AR, XT, KI_based tools...) Technical Mentorship: • Full-cycle support from prototype to market-ready product, including product scaling. • Specialized mentorship in advanced prototype development, market-readiness strategies, and scaling for production. Collaborative Development • High-level development support with access to cutting-edge labs and co-development with research experts. • Collaboration with top-tier research labs, international industry leaders, and government-funded projects.

Access to development
and prototyping facilities

PRODUCTION FACILITIES are essential resources that support spin-offs, start-ups, and research initiatives as they move from prototype to scalable production. These facilities enable innovators to refine their products, ensure manufacturability, and begin small-scale production, which is often critical for demonstrating product viability to investors and partners.

The following major categories comprise the production facilities services:

Small-Batch Production: Facilities that support limited-scale production runs, allowing start-ups to produce enough units to meet early customer demand or fulfil pilot projects.

Process Optimization: Services aimed at improving the efficiency, scalability, and cost-effectiveness of production methods, often using lean manufacturing techniques or advanced production technologies.

Industrial-Grade Equipment Access: Access to production-grade machinery and tools that would otherwise be prohibitively expensive for early-stage companies.

They convey the following benefits:

1. BRIDGING THE RURAL-URBAN INNOVATION GAP

- **Small-Batch Production:** In rural and remote areas, the ability to carry out **small-batch production** is crucial for innovators who often cannot access large-scale manufacturing plants located in urban hubs. By offering facilities for **limited production runs**, rural start-ups and spin-offs can fulfill initial customer orders, run pilot projects, and gather feedback from early adopters. This allows them to demonstrate product viability, which is essential for attracting investors, partners, and larger clients.
- **De-risking Early-Stage Production:** Without access to small-scale production facilities, rural innovators would have to outsource production, often at a high cost, or wait until they can afford large-scale manufacturing. **Small-batch production** facilities reduce the financial risks associated with producing large volumes too early, enabling companies to test their products in the market and adjust before committing to large-scale production.

2. ENABLING MARKET VALIDATION AND ENTRY

- **Access to Early-Stage Markets:** For rural entrepreneurs, accessing production facilities ensures that they can meet the **initial demand for their products**. This is particularly important in the context of pilot programs or regional market entry strategies. By producing smaller quantities, rural businesses can test their products with early adopters and refine their offerings before scaling up. This market validation is key for developing a viable business case and demonstrating demand to investors or partners.
- **Fulfilling Niche Market Needs:** In rural areas, innovators are often focused on solving **local or niche challenges**, such as developing agricultural technologies or solutions tailored to rural healthcare. Production facilities that enable **small-batch manufacturing** allow these innovators to address specific regional needs and markets, which may not require large-scale production initially but have significant local or niche demand.

3. PROCESS OPTIMIZATION AND COST EFFICIENCY

- **Process Optimization for Small Start-ups:** Rural start-ups often lack the resources to experiment with large-scale production techniques. Production facilities that provide access to **process optimization services** enable these start-ups to improve the efficiency and cost-effectiveness of their manufacturing processes. This might include the application of **lean manufacturing techniques**, automation, or advanced production technologies, all of which help ensure that rural companies can produce competitively even at smaller scales.
- **Reducing Time to Market:** Optimizing production processes also helps rural innovators **reduce the time-to-market** for their products. By refining manufacturing processes, start-ups can scale production more quickly and respond to market demands in a timely manner. This ability to **respond flexibly to market needs** is critical for rural innovators who may face longer supply chains or limited access to key inputs.

5. SUPPORTING LOCAL ECONOMIES AND WORKFORCE DEVELOPMENT

- **Stimulating Local Production:** The presence of production facilities in rural areas encourages the growth of **local supply chains** and production capabilities, which can boost the regional economy. By enabling local businesses to produce their products in the region, these facilities help **retain economic value locally**, rather than outsourcing production to other areas or countries.
- **Job Creation and Skill Development:** Production facilities also contribute to **local job creation**, particularly in manufacturing, engineering, and technical support roles. Additionally, they offer opportunities for training and skill development in modern manufacturing techniques, which are crucial for rural regions that may have a less developed industrial base. This helps build a skilled workforce that can support the growth of the local innovation ecosystem.



6. ENHANCING COLLABORATION AND NETWORKING

- **Collaborative Manufacturing:** Production facilities often serve as hubs for collaboration between local start-ups, research centers, and industrial partners. By providing a space where innovators can share resources and expertise, these facilities encourage **co-development and shared innovation**, which is particularly important in rural regions where innovation actors may be more isolated.
- **Attracting Industry Partners:** The availability of production facilities can attract larger companies or industry partners to rural areas. These partners may be interested in **co-manufacturing** or using the region as a pilot area for new technologies and products. This helps strengthen the local innovation ecosystem and creates new opportunities for rural businesses to scale.

7. BOOSTING INVESTMENT AND ECONOMIC RESILIENCE

- **Attracting Investors:** For rural start-ups, having access to production facilities demonstrates to investors that they can move beyond the prototype phase and are ready for the market. This **increases investor confidence**, making it easier to secure funding for scaling operations. Moreover, production-ready products are more attractive to potential customers and partners, who are more likely to engage with companies that can deliver functional, market-ready products.
- **Economic Diversification:** Rural areas often rely heavily on primary industries such as agriculture, forestry, or mining. Production facilities enable these regions to **diversify their economies** by developing new products and industries, such as agri-tech, renewable energy, or advanced manufacturing. This economic diversification increases the **resilience of rural regions**, making them less dependent on single industries and better able to adapt to global economic shifts.

8. REDUCING THE NEED FOR OUTSOURCING AND ENHANCING SUSTAINABILITY

- **Localized Production:** By offering production facilities locally, rural businesses can **reduce their dependence on outsourcing** to distant urban centers or international suppliers. This not only saves costs but also shortens supply chains, making production more sustainable and resilient to global supply chain disruptions. Local production also aligns with sustainability goals, reducing the carbon footprint associated with transporting goods long distances.
- **Promoting Sustainable Manufacturing Practices:** Production facilities can also introduce rural businesses to **sustainable manufacturing techniques**, such as energy-efficient processes, waste reduction, and the use of renewable materials. These practices are becoming increasingly important as global markets and consumers demand environmentally responsible products. Rural businesses that incorporate sustainability into their production processes can gain a competitive edge and tap into growing markets for sustainable goods.

Production facilities play a critical role in enabling rural and remote areas to participate in innovation-driven economic activities. They provide the infrastructure, equipment, and expertise necessary for moving from prototypes to small-scale production, which is essential for market validation, securing investments, and scaling operations. By offering access to industrial-grade equipment, process optimization, and small-batch production, these facilities help rural innovators overcome barriers related to geographic isolation and limited infrastructure. Additionally, they support local economic development by creating jobs, building local supply chains, and encouraging industry collaboration.

In rural and remote areas, production facilities not only help bring innovative products to market but also foster economic resilience, sustainability, and diversification, allowing these regions to thrive in an increasingly global and technology-driven economy.

PRODUCTION FACILITIES - OVERVIEW
ACCORDING TO COMPLEXITY LEVEL

Note: it is assumed that at intermediate and advanced levels, the services offered at lower levels is included. Therefore, only additional or specific features are mentioned in those complexity levels.

Complexity	Basic	Intermediate	Advanced
Objective	Provide access to basic production tools and facilities for small-batch production and early-stage testing.	Offer enhanced production support for process optimization and larger-scale manufacturing.	Offer enhanced production Enable complex, high-volume production with full-scale manufacturing support and industrial-grade resources.and larger-scale manufacturing.
Scope	Small-Batch Production: - Initial advice on scaling production beyond prototypes, including cost estimation for small-batch manufacturing. - Advice is provided by external experts out of the regional ecosystem Process Optimization: - Information events - Matchmaking with automation and process solution providers Industrial-Grade Equipment Access: - n.a.	Small-Batch Production: - Access to basic production equipment for limited-scale production (e.g., CNC machines, 3D printers for end-use parts). - Support in producing functional product samples for pilot customers or small-scale market tests. - Collaboration with accelerators or scale-up programs to enhance production capabilities. Process Optimization: - Support for scaling production to mid-size batches, focusing on efficiency and cost control. - Consulting on supply chain management and procurement of raw materials. Industrial-Grade Equipment Access: - Partnerships with contract manufacturers and sector-specific production specialists. - Consulting on supply chain management and procurement of raw materials.	Small-Batch Production: - Access to specialized machinery for sector-specific production needs (e.g., medical device manufacturing, electronics assembly). - Support offers related to product design and development Process Optimization: - Support for scaling production to mid-size batches, focusing on efficiency and cost control. - Consulting on supply chain management and procurement of raw materials - In-depth support for quality assurance, regulatory compliance, and cost-efficient manufacturing strategies. - Advanced mentorship on managing large-scale production, cost management, and industrial partnerships for mass production. Industrial-Grade Equipment Access: - Full access to advanced production facilities for large-scale manufacturing. - Partnerships with industry players and contract manufacturers to facilitate full-scale production.

Recommendations for implementation
- delivery channels

While the first part of this factsheet focused on the main functions of spaces for innovation, we describe in the following how such spaces are most commonly implemented in practice. Quite often, modern spaces for innovation provide a mix of different functionalities and fulfil several roles. The following types of spaces for innovation have been identified by the partners as the most relevant ones in the context of the laaS4DR project:

- Collaborative spaces in small- and medium-sized towns
- Incubators and accelerators
- Science and Technology Parks
- Fab Labs and Makerspaces
- Learning factories / demonstrators
- Living labs / testbeds
- Innovation centres / innovation hubs (Digital innovation hubs)

The following table shows to which extend each of the above type of space for innovation potentially contributes to the delivery of space and infrastructure-related innovation services.

FACILITIES FOR INNOVATION	PURPOSE					
	Office	Learning	Research	Developement Prototyping	Testing	Production
Collaborative spaces	+++	+++	-	+	-	-
Incubators and accelerators	+++	+++	++	+++	++	-
Science and Technology Parks	+++	+++	+++	+++	+++	+++
Fab Labs and Makersspaces	-	+++	-	+++	+	+
Learning factories	-	+++	-		++	-
Living labs / testbeds	-	+	-	++	+++	-
Innovation centres / innovation hubs	++	+++	+	++	+++	+

In the following, good practices collected by the laaS4DR partner are presented.

GOOD PRACTICES FROM THE IAAS4DR CONSORTIUM

The IaaS4DR partners have collected about 50 good innovation support practices encompassing the access to innovation facilities.

The following table provides an overview of the good practices collected by the IaaS4DR partners, displaying the target groups addressed and the different types of facilities offered by the respective practices.

A full set of 51 practice descriptions as produced by the IaaS4DR project partners is to be found in the annexes.

GOOD PRACTICES			LIFECYCLE				TYPES OF FACILITIES						
Good practice	Region	Country	Stand - up	Startup	Scale- up	Mature	Office Facilities	Co- working	Fablabs Prototyping	Labs	Living Labs	Learning Factory	Small Production Facilities
Campus V (PRISMA)	Vorarlberg	AT		x	x	x	x	x					
Junge Wirtschaft	Vorarlberg	AT	x	x	x	x	x						
PREDA services	Prijedor	BA	x	x	x		x	x	x		x	x	
Centre for Development and Research Support	Prijedor	BA					x			x			
Ivation centre INION	Karlovy Vary	CZ	x	x				x					
Research organization ILAB	Karlovy Vary	CZ			x	x	x			x			
Business incubator	Karlovy Vary	CZ	x	x	x	x	x	x					x
Campus Schwarzwald	Northern Black Forest	DE	x	x					x	x		x	
Design Factory (HS Pf)	Northern Black Forest	DE	x	x	x		x	x	x	x		x	
Digital Hub (Horb)	Northern Black Forest	DE	x	x			x	x	x	x		x	
INNET®	Northern Black Forest	DE					x						x
Ökosystem rdschwarzwald	Northern Black Forest	DE	x	x	x	x	x	x	x				
Business Incubator Bios	Osijek	HR		x	x		x	x	x				x
Centre for Research, Development & Invations (CRDI), Slavonski Brod	Osijek	HR						x	x	x			
TERA Tehnopolis	Osijek	HR	x	x	x		x	x	x				x
Faculty of Food technology	Osijek	HR							x	x			x
Faculty of Electrical Engineering	Osijek	HR							x	x			
Požega Business Incubator	Osijek	HR	x	x	x		x	x					x
Regional Development Agency Of Virovitica-Podravina County	Osijek	HR					x	x					
Center Of Competences For Advanced Engineering	Osijek	HR	x	x	x	x	x	x	x	x			x
Techlogy Incubator va Gradiška	Osijek	HR	x	x	x	x	x	x					x
PBN & am-LAB & at.home	West Transdanubia	HU				x					x	x	x

GOOD PRACTICES			LIFECYCLE				TYPES OF FACILITIES						
Good practice	Region	Country	Stand - up	Startup	Scale- up	Mature	Office Facilities	Co- working	Fablabs Prototyping	Labs	Living Labs	Learning Factory	Small Production Facilities
ZalaZONE	West Transdanubia	HU				x	x			x	x		
Hungarian Startup University Program	Central Transdanubia	HU		x				x		x	x	x	
MOME Incubation Programme	Central Transdanubia	HU		x				x		x	x	x	
Upbeat Hub	Podgorica and Montenegro	ME	x	x			x	x					
Science and Techlogy Park (NTC)	Podgorica and Montenegro	ME		x	x	x	x	x		x			
Community Impact Accelerator ZID	Podgorica and Montenegro	ME	x	x				x	x		x		x
Food Hub	Podgorica and Montenegro	ME								x		x	
Union of Young Entrepreneurs	Podgorica and Montenegro	ME					x	x					
Nest	Podgorica and Montenegro	ME					x	x					
Orange Fab Romania	Northeast Romania	RO	x	x	x			x	x				
MAVIS Invation and Techlogy Transfer Center	Northeast Romania	RO				x	x	x	x	x	x		
Techlogical Transfer Centre POLYTECH	Northeast Romania	RO				x	x	x	x	x		x	x
CEMEX - Advanced Research and Development Center for Experimental Medicine	Northeast Romania	RO				x	x			x			
The Techlogical Transfer Center in Industry 4.0 and Smart Destinations	Northeast Romania	RO		x	x	x				x			
Rubik Hub	Northeast Romania	RO				x	x	x					
Digital Innovation Zone	Northeast Romania	RO				x			x				
Association “Mai Bine”	Northeast Romania	RO	x	x	x		x		x	x	x		x

GOOD PRACTICES			LIFECYCLE				TYPES OF FACILITIES						
Good practice	Region	Country	Stand - up	Startup	Scale- up	Mature	Office Facilities	Co- working	Fablabs Prototyping	Labs	Living Labs	Learning Factory	Small Production Facilities
Alaturi de Voi Foundation	Northeast Romania	RO	x	x	x	x	x	x	x		x	x	x
Academic Organization for Environmental Engineering and Sustainable Development	Northeast Romania	RO	x	x	x	x			x		x		x
“Corona” foundation	Northeast Romania	RO	x	x				x	x				
Creative industries (Hub de industrie creativa Iasi)	Northeast Romania	RO	x	x	x		x	x	x		x		x
Factory 4.0	Northeast Romania	RO	x	x				x	x	x	x		
Imago Mol	Northeast Romania	RO	x	x	x	x			x		x	x	
Rural Development Research Platform	Northeast Romania	RO	x	x	x	x			x		x	x	
FABLAB Iasi	Northeast Romania	RO	x	x	x			x	x		x	x	
PONI (Podjet nad izzive / Entrepreneurialy over challenges)	Pomurje and Slovenia	SI	x				x	x					
PTP-DIH Smart Manufacturing	Pomurje and Slovenia	SI	x	x	x	x	x	x		x			x
SPS-P2	Pomurje and Slovenia	SI							x	x		x	
UVP Technicom	Kosice	SK	x	x	x		x		x	x	x		x
RICKE	Kosice	SK	x	x	x		x	x	x			x	x

Annexes

- 75 practice descriptions addressing soft support services
- 51 practice descriptions addressing the access to innovation facilities as produced by the laaS4DR project partners

PRACTICES ADDRESSING SOFT SUPPORT SERVICES

WISTO	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
Wirtschafts-Standort	Stand-up	Start-up	Scale-up	Mature	Awareness	x	Office facilities	x	Vouchers		No specific focus	
Soft support	x	x	x	x	Orientation	x	Co-working		Grants	x	Product	x
Spaces / Infrastructure	x	x			Networking	x	Fablabs / prototyping		Micro-credits		Service	x
Funding	x	x	x	x	Sectorial training		Labs		Loans		Business model	x
					Consulting/coaching	x	Living Labs		Crowd-funding		Social	
Level of expertise delivery	Innovation level of target group				Specific/individual training		Learning Factory		Equity funding		Organisation / culture	
Basic	x	Low		x	Tech transfer		Small production facilities		Other		Digital transformation	x
Medium	x	Medium		x	Market research	x	Other				Green/circular	x
Advanced		High			Other						Other	
Complex		All of them										
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hihgly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION	
Main components of the practice	WISTO supports local companies in research, development and innovation, assists startups and coordinates various lead projects in Vorarlberg. In addition, they are responsible for location marketing and promotion and the development and implementation of the Marke Vorarlberg. Due to extensive networks and many years of experience, they can be a valuable asset for your innovation projects. Be it as a sparring partner when applying for funding, writing a business plan, or searching for suitable cooperation partners. Main goals: Supporting local companies in innovation, relocation and growth Contributing to increasing economic force Implementing location development projects Improving conditions regarding location Increasing regional and national awareness regarding Vorarlberg’s economic performance Increasing visibility and appeal externally through the Marke Vorarlberg ->The services of WISTO are free of charge
Owner and further stakeholders	CEO: Jimmy Heinzl WISTO is a company owned by Vorarlbergs government, Hypo-Landesbank Vorarlberg and Wirtschaftskammer Vorarlberg.
Main resources involved	Team of 18 people with different fields of expertiese.

Startupland	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature	Awareness	x	Office facilities		Vouchers		No specific focus	x
Soft support	x	x	x	x	Orientation		Co-working		Grants		Product	
Spaces / Infrastructure	x	x			Networking	x	Fablabs / prototyping		Micro-credits		Service	
Funding	x	x	x	x	Sectorial training		Labs		Loans		Business model	x
					Consulting/coaching	x	Living Labs		Crowd-funding		Social	
Level of expertise delivery	Innovation level of target group				Specific/individual training		Learning Factory		Equity funding		Organisation / culture	
Basic	x	Low		x	Tech transfer		Small production facilities		Other		Digital transformation	
Medium	x	Medium		x	Market research		Other				Green/circular	
Advanced	x	High		x	Other		Platform	x			Other	
Complex		All of them			Representation	x						
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hihgly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION	
Main components of the practice	As a platform and contact point for startups in Vorarlberg, Startupland works on a variety of topics and services to promote the topic of "startups" in Vorarlberg. The services and benefits can be roughly divided into three large thematic blocks: Representative - Networker - Facilitator
Owner and further stakeholders	The company was founded in 2018 on the initiative of Vorarlberg start-ups and the Vorarlberg Chamber of Commerce.
Main resources involved	

Startupstube	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	x	x	x	x	Awareness	x	Office facilities	x	Vouchers		No specific focus	x
Spaces / Infrastructure	x				Orientation	x	Co-working		Grants		Product	
Funding	x	x			Networking	x	Fablabs / prototyping		Micro-credits		Service	
					Sectorial training		Labs		Loans		Business model	x
					Consulting/coaching	x	Living Labs		Crowd-funding		Social	
Level of expertise delivery	Innovation level of target group				Specific/individual training		Learning Factory		Equity funding		Organisation / culture	
Basic	x	Low		x	Tech transfer		Small production facilities		Other		Digital transformation	
Medium	x	Medium		x	Market research		Other				Green/circular	
Advanced		High		x	Other						Other	
Complex		All of them		x								
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hightly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION	
Main components of the practice	The startupstube is the startup centre at the FHV. It awakens entrepreneurial spirit, offers start-up enthusiasts and innovators entrepreneurial scope for development and inspiration, creates proximity to the regional and international innovation ecosystem and promotes exchange with like-minded people. As the first point of contact for students, researchers, employees and alumni interested in starting a business, the UAS startupstube fulfils two functions: awakening an entrepreneurial spirit and supporting those interested in founding a company
Owner and further stakeholders	Management: Mag. Dr. Magdalena Meusburger, Prof. (FH) Dr. Thomas Metzler, University of Applied Sciences Vorarlberg
Main resources involved	Team of 2 people, office, University of Applied Sciences

CAMPUS V (PRISMA)	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support		x	x	x	Awareness		Office facilities	x	Vouchers		No specific focus	x
Spaces / Infrastructure		x	x	x	Orientation		Co-working	x	Grants		Product	
Funding					Networking	x	Fablabs / prototyping		Micro-credits		Service	
					Sectorial training		Labs		Loans		Business model	
					Consulting/coaching		Living Labs		Crowd-funding		Social	
Level of expertise delivery	Innovation level of target group				Specific/individual training		Learning Factory		Equity funding		Organisation / culture	
Basic	x	Low		x	Tech transfer		Small production facilities		Other		Digital transformation	
Medium		Medium			Market research		Other				Green/circular	
Advanced		High			Other	x					Other	
Complex		All of them										
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hightly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION	
Main components of the practice	Vorarlberg's first stimulating entrepreneurial centre for business, knowledge and creativity. PRISMA's areas of expertiese lie in the active design of urban quaters and village centers as well as in the development, implementation and sustainable management of impuls locations for innovation, technology and creativity.
Owner and further stakeholders	The management team of the PRISMA Group is made up of seven people centred around the CEO and company founder DI Bernhard Ölz.
Main resources involved	

V-Labs	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	x	x	x		Awareness		Office facilities	x	Vouchers		No specific focus	
					Orientation		Co-working		Grants		Product	x
Spaces / Infrastructure	x	x	x		Networking		Fablabs / prototyping		Micro-credits		Service	
Funding	x	x			Sectorial training		Labs		Loans		Business model	x
					Consulting/coaching	x	Living Labs		Crowd-funding		Social	
Level of expertise delivery	Innovation level of target group				Specific/individual training		Learning Factory		Equity funding		Organisation / culture	
Basic	x	Low		x	Tech transfer	x	Small production facilities		Other		Digital transformation	
Medium		Medium		x	Market research	x	Other				Green/circular	
Advanced		High			Other						Other	
Complex		All of them										
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hightly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION	
Main components of the practice	Founder & Partner, Venture Manager, Innovation Consultants, UX/UI Designer, Developer, Marketer, People Manager, Management Assistants They help corporates turn identified opportunities into successful new ventures. The proven four-phase approach covers all aspects from business to technology end-to-end. They don't merely act as service providers but look at things from the founders' perspective.
Owner and further stakeholders	Team Dornbirn: 4 people
Main resources involved	Offices in Vienna, Munich, Dornbirn and Budapest

Junge Wirtschaft	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	x	x	x	x	Awareness		Office facilities	x	Vouchers		No specific focus	x
					Orientation	x	Co-working		Grants		Product	
Spaces / Infrastructure	x	x	x	x	Networking	x	Fablabs / prototyping		Micro-credits		Service	
Funding	x	x	x	x	Sectorial training		Labs		Loans		Business model	
					Consulting/coaching	x	Living Labs		Crowd-funding		Social	
Level of expertise delivery	Innovation level of target group				Specific/individual training		Learning Factory		Equity funding		Organisation / culture	
Basic	x	Low		x	Tech transfer		Small production facilities		Other		Digital transformation	
Medium	x	Medium		x	Market research		Other	x			Green/circular	
Advanced	x	High		x	Other	x					Other	
Complex		All of them		x								
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hightly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION	
Main components of the practice	Strong representation of interests, competent service, attractive network: Junge Wirtschaft has a lot to offer to its members. The Young Economy Vorarlberg (JWV) stands for a new culture of creating and doing. It is a network of entrepreneurs, managers, founders and business-minded people between the ages of 18 and 40. They meet regularly, network and support each other - and are of course organised as an association and non-partisan.
Owner and further stakeholders	Board 5 people, partners: Wirtschaftskammer Vorarlberg, KSV1870, Casino Bregenz, Generali Versicherung AG, Raiffeisenbanken in Vorarlberg
Main resources involved	Board 5 people, office 3 peole, partners: Wirtschaftskammer Vorarlberg, KSV1870, Casino Bregenz, Generali Versicherung AG, Raiffeisenbanken in Vorarlberg

Inovation centre INION	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	x	x	x	x	Awareness	x	Office facilities		Vouchers		No specific focus	
Spaces / Infrastructure	x	x			Orientation	x	Co-working	x	Grants		Product	x
Funding					Networking	x	Fablabs / prototyping		Micro-credits		Process	x
					Sectorial training	x	Labs		Loans		Service	x
					Consulting/coaching	x	Living Labs		Crowd-funding		Design	
					Specific/individual training		Learning Factory		Equity funding		Business model	x
Low	x	Focus mainly on private sector. Supporting SMEs, start-ups and young entrepreneurs.				Tech transfer	Small production facilities		Other		Social	
Medium	x					Market research	Other				Organisation / culture	x
High						Other					Digital transformation	x
All of them											Green/circular	
Level of expertise for service delivery											Other	
Basic	event management, office rent											
Medium	business development, digitisation, smart technologies, new trends											
Advanced	n.a.											
Complex	n.a.											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	The INION Innovation Centre takes on the role of a guide in the ecosystem of innovation activities and business development in the region, its tasks include: - Lowering barriers to entry into business. - Assistance with starting a business. - Development of entrepreneurial mindset. - Putting innovation into practice. - Support of partners in the development of business activities in the region. - Education. The structure of the Innovation Centre consists of three interconnected parts: the Technology HUB, which aims to bring business and R&D partners to the region; the incubator, which is a support platform for start-up entrepreneurs and the development of their business idea; coworking centre as an inspirational space for work and education.	Public authorities	Karlovy Vary Region City of Karlovy Vary
		Academia	Projects for future entrepreneurs, such as Time for Business, which shows high school students entrepreneurship in practice, motivates them through interesting lectures and gives them the confidence to build their own business.
		Private sector	Collaboration with tax lawyers, marketing experts, etc. to provide specific input in training sessions and individual coaching as needed. Primarily supports young entrepreneurs and start-ups. Collaboration also with smaller SMEs.
Main resources involved	A core team of 4 members plus several external experts for specific fields. Spaces for operation provided by the city of Karlovy Vary. Spaces aprox. 300 sqm: Lecture Hall, Meeting Room, Podcast Room, Exhibition Spaces, Coworking office. Budget is covered from rental income - the profit from the lease of the premises mentioned above and public funding from Regional Council (main part of funding aprox. 90%).	Civil society	Organizing events for the public about innovations in the region. Maker fair-type public events.

BSO - CzechInvest	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support		x	x	x	Awareness	x	Office facilities		Vouchers	x	No specific focus	
Spaces / Infrastructure					Orientation	x	Co-working		Grants	x	Product	x
Funding		x	x	x	Networking	x	Fablabs / prototyping		Micro-credits		Process	x
					Sectorial training		Labs		Loans	x	Service	x
					Consulting/coaching	x	Living Labs		Crowd-funding		Design	
					Specific/individual training		Learning Factory		Equity funding	x	Business model	
Low		Focus mainly on private sector. Supporting companies delivering both products and services. More focused on Midcaps and big companies than SMEs.				Tech transfer	Small production facilities		Other		Social	
Medium						Market research	Other				Organisation / culture	
High						Other					Digital transformation	x
All of them	x										Green/circular	x
Level of expertise for service delivery											Other	
Basic	event management											
Medium	digitisation, smart technologies											
Advanced	funding schemes, loans											
Complex	n.a.											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	CzechInvest plays a key role in the area of supporting business and investments in its comprehensive form. The agency's unique combination of regional, central and international operations ensures the integrity of services and the ability to connect global trends with regional conditions in the Czech Republic. CzechInvest has a branch offices in each region. The regional office in Karlovy Vary is performing those activities: - Supporting companies in abroad expansion. - Browfields restructuring. - Market analyses and expertises. - Matching companies with investors. - Adequate funding recommendations.	Public authorities	Regional government and municipalities. Ministry of Industry and Trade of the Czech Republic.
		Academia	No strong connection on strategic or operational level.
		Private sector	CzechInvest accompanies startups on the path of doing business. Helps them in the early phases of their development, with introduction of initial prototypes to the market, with formulating a proper sales strategy, with addressing domestic and foreign partners, customers and investors.
Main resources involved	Regional team consist of 2 members backed up with the central office in Prague. CzechInvest is a state-funded organisation subordinate to the Ministry of Industry and Trade of the Czech Republic.	Civil society	No strong connection on strategic or operational level.

Research organization ILAB	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support			x	x	Awareness	x	Office facilities	x	Vouchers		No specific focus	
Spaces / Infrastructure			x	x	Orientation	x	Co-working		Grants		Product	
Funding					Networking	x	Fablabs / prototyping		Micro-credits		Process	x
					Sectorial training	x	Labs	x	Loans		Service	x
Innovation level of target group					Consulting/coaching		Living Labs		Crowd-funding		Design	
					Specific/individual training	x	Learning Factory		Equity funding		Business model	
					Tech transfer	x	Small production facilities		Other		Social	x
					Market research		Other				Organisation / culture	x
					Other						Digital transformation	x
											Green/circular	
											Other	
Level of expertise for service delivery												
Basic	event management											
Medium	smart technologies, new trends											
Advanced	soil and water analyses in specialised labs											
Complex	n.a.											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	ILaB is a research institute that focuses on the following areas: ILaB is the only research institution in the Karlovy Vary region. The main R&D activities are in the fields of spas, balneology, geology, hydrogeology, balneomedicine, balneotechnics, social sciences and economics and related interdisciplinary cooperation. ILaB conducts research, disseminates research results. and cooperates with other organizations in these areas. The goal of ILaB is also to promote the development of spa treatment and balneology in the Czech Republic and to support the regional development of areas with natural healing resources.	Public authorities	Karlovy Vary Region City of Karlovy Vary Ministry of Health of the Czech Republic Czech Medical Chamber Charles University Czech Technical University in Prague University of West Bohemia in Pilsen
		Academia	
		Private sector	Medical facilities established by the state Private medical facilities Spa hotels
Main resources involved	The Institute of Spa and Balneology is a public research institution established by the Karlovy Vary Region. The institute has 12 core employees. Budget is covered from: Public Grants: 98% primarily from the Karlovy Vary Region. Other: 2% generated through selling services like contract research, consultations, reports and commercial education.	Civil society	No strong connection on strategic or operational level.

Chamber of commerce	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support		x	x	x	Awareness	x	Office facilities		Vouchers		No specific focus	
Spaces / Infrastructure					Orientation	x	Co-working		Grants	x	Product	
Funding		x	x	x	Networking	x	Fablabs / prototyping		Micro-credits		Process	
Innovation level of target group					Sectorial training	x	Labs		Loans	x	Service	
					Consulting/coaching	x	Living Labs		Crowd-funding		Design	
					Specific/individual training		Learning Factory		Equity funding		Business model	
					Tech transfer		Small production facilities		Other		Social	
					Market research	x	Other				Organisation / culture	
					Other						Digital transformation	
											Green/circular	
Level of expertise for service delivery											Other	
Basic	event management											
Medium	business development, expert support (tax, IP)											
Advanced	n.a.											
Complex	n.a.											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	The Czech Chamber of Commerce is the largest and the most representative business association in the Czech Republic. It has more than 16,000 members organized in 59 regional chambers and in nearly 125 branch associations. The Regional Chamber of Commerce of the Karlovy Vary Region is a part of the Czech Chamber of Commerce. The services of the local office are mainly as follows: - Provides extensive consulting and information services for entrepreneurs. - Organizes educational events for members. - Connects members with potential business partners. Assists members in finding human resources by: - Helping them recruit from the labor market. - Organizing meetings for HR personnel. - Connecting schools with potential employers.	Public authorities	Karlovy Vary Region, cities and municipalities, local action groups, the Labor Office, CzechInvest and others.
		Academia	Collaboration with high schools to present students the possibilities and benefits of entrepreneurship. Facilitating internships, apprenticeships, and career guidance for students, allowing them to gain practical experience and explore career paths.
		Private sector	All types of businesses and entrepreneurs.
Main resources involved	Regional team consist of 8 members. The chamber is financed partially by the Karlovy Vary Region contribution and by membership fees. Small part of income is from the projects.	Civil society	Organizing job fairs and assisting companies in finding suitable employees.

INNONET®	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support			x	x	Awareness	x	Office facilities	x	Vouchers		No specific focus	
Spaces / Infrastructure					Orientation	x	Co-working		Grants		Product	x
Funding					Networking	x	Fablabs / prototyping		Micro-credits		Service	
					Sectorial training		Labs		Loans		Business model	x
					Consulting/coaching		Living Labs		Crowd-funding		Social	
Level of expertise delivery	Innovation level of target group				Specific/individual training		Learning Factory		Equity funding		Organisation / culture	
Basic		Low			Tech transfer	x	Small production facilities	x	Other		Digital transformation	x
Medium	x	Medium			Market research	x	Other	x			Green/circular	x
Advanced	x	High			Other	x	Common exhibition (PLIC)	x			Other	
Compöex		All of them		x	Company Visits	x						
Level of expertise delivery - explanation					Fair visits and exhibitions	x						
Basic	can be delivered by a generalist				Political representation	x						
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hightly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION	
Main components of the practice	The INNONET® is a professional cluster, assembling divers players along the value chain of (hightech) plastics. Not only companies belong to the cluster, furthermore (political) institutions, research agencies and universities complement the growing members list. The aim of the cluster is to establish an experts network for transfer and exchange to accelerate and ease innovation in the region of the northern black forest. Additionally the visited and hosted events and fairs contribute to a stronger regional and supra-regional Network and a frequent interchange. The political representation aims to achieve a mental shift among politicians and the broader society regarding the perception of plastics. Actually there is missing a differentiation between plastics used for consumer goods and packaging and hightech plastics needed for the technical or medical applications. Recent topics focused in the network are circular economy and the reuse of materials.
Owner and further stakeholders	Technology Center Horb // Which again is owned by the City of Horb am Neckar, the district of Freudenstadt, the regional banks "Volksbank im Kreis Freudenstadt" and "Kreissparkasse Freudenstadt"
Main resources involved	Mainly managed by two persons supported by an elected steering committee consisting of 5 entrepreneurial representatives.

Digital Hub (Horb)	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	x	x	x	x	Awareness	x	Office facilities	x	Vouchers		No specific focus	
Spaces / Infrastructure	x	x			Orientation	x	Co-working	x	Grants		Product	x
Funding					Networking		Fablabs / prototyping	x	Micro-credits		Service	
					Sectorial training		Labs	x	Loans		Business model	
					Consulting/coaching	x	Living Labs		Crowd-funding		Social	
Level of expertise delivery	Innovation level of target group				Specific/individual training	x	Learning Factory	x	Equity funding		Organisation / culture	
Basic	x	Low			Tech transfer	x	Small production facilities		Other		Digital transformation	x
Medium	x	Medium			Market research		Other				Green/circular	
Advanced	x	High			Other						Other	
Complex		All of them		x								
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hightly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION	
Main components of the practice	The digital hub initiative was established by the local government of Baden-Württemberg. The aim of this project is to lead the länd into the era of digitization. The strong economic position shall be hold and prepared for a digitalized economy in the urban areas as well as in rural areas. Therefore the 12 digital hubs analyze the regional circumstances and needs to create adequate support offers. Therefore the digital hub in Horb is cooperating with institutions and companies located in the northern black forest. The portfolio contains consulting and coaching in topics like digitization & software, digital business models or cyber security. Additionally various expert workshops and talks are organized to enable an exchange of expertises and best-practises. The opportunity for Coworking is also given at the location of the digital hub horb.
Owner and further stakeholders	Wirtschaftsförderung Nordschwarzwald GmbH is the lead project holder, the following partners are also involved: City of Horb am Neckar, Technology Center Horb, District of Freudenstadt, City of Pforzheim, Enzkreis, Kreissparkasse Freudenstadt, University of Applied Sciences Pforzheim, District of Calw, Chamber of Industry and Commerce Nordschwarzwald, Chamber of Crafts Karlsruhe, Regionalverband Nordschwarzwald
Main resources involved	A team of 2 people is representing the digital hub initiative in horb. They organize the events and run the mentioned offers. 1 large office for coworking.

Ökosystem Nordschwarzwald	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	x	x	x		Awareness		Office facilities	x	Vouchers	x	No specific focus	x
Spaces / Infrastructure	x	x	x	x	Orientation	x	Co-working		Grants		Product	
Funding					Networking	x	Fablabs / prototyping	x	Micro-credits		Service	
					Sectorial training		Labs		Loans		Business model	
					Consulting/coaching	x	Living Labs		Crowd-funding		Social	
Level of expertise delivery		Innovation level of target group			Specific/individual training	x	Learning Factory		Equity funding	x	Organisation / culture	
Basic	x	Low			Tech transfer	x	Small production facilities		Other	x	Digital transformation	
Medium	x	Medium			Market research		Other	x			Green/circular	
Advanced		High			Other		only agency and consulting	x	only agency and consulting	x	Other	
Compöex		All of them		x								
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hightly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION	
Main components of the practice	The ecosystem bundles and mediates the different support services of its members. Due to the regional distribution of the participating organisations the offers can be found at several locations in the region of the northern black forest. The partners are part of the regional political infrastructure, chambers, companies, banks and research institutions. The aim of the ecosystem is to create an efficient and versatile portfolio of support services and collaborative partners for start-ups in different phases of development.
Owner and further stakeholders	Quadruple-helix-stakeholder: Campus Schwarzwald, Digital Hub Nordschwarzwald, EMMA Kreativzentrum Pforzheim, Entrepreneurs Pforzheim, Enzkreis, Chamber of Crafts Karlsruhe, University of Applied Sciences Pforzheim, Chamber of Industry and Commerce Nordschwarzwald, innotec Pforzheim, District of Calw, District of Freudenstadt, membratech®, priomold, Sparkasse Pforzheim-Calw, Cities of Calw, Freudenstadt, Horb a.N., Mühlacker and Nagold, Steinbeis Research Institute, Technology Center Horb, Volksbank Pforzheim, Wirtschaftsförderune Nordschwarzwald, Wirtschaftsunioren Nordschwarzwald, Wirtschaft und Stadtmarketing Pforzheim (City of Pforzheim)
Main resources involved	Several office and meeting rooms, prototyping labs provided by the different members (varying amount)

Design Factory (HS Pf)	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	x	x	x		Awareness	x	Office facilities	x	Vouchers		No specific focus	x
Spaces / Infrastructure	x	x	x		Orientation	x	Co-working	x	Grants		Product	
Funding	x	x	x		Networking	x	Fablabs / prototyping	x	Micro-credits		Service	
					Sectorial training		Labs	x	Loans		Business model	
					Consulting/coaching	x	Living Labs		Crowd-funding		Social	
Level of expertise delivery		Innovation level of target group			Specific/individual training		Learning Factory	x	Equity funding		Organisation / culture	
Basic	x	Low			Tech transfer	x	Small production facilities		Other	x	Digital transformation	
Medium	x	Medium			Market research	x	Other		only agency and consulting	x	Green/circular	
Advanced		High			Other	x					Other	
Complex		All of them		x	Education	x						
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hightly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION	
Main components of the practice	The Design factory is part of the university pforzheim. Therefore its objective is the entrepreneurial education and training of the students, to enable them founding their own start-up. According to this the young entrepreneurs are coached and advised, concerning the founding steps and different opportunities of funding. Companies are interconnected with this start-ups and research projects fitting their business model.
Owner and further stakeholders	University of Applied Sciences Pforzheim
Main resources involved	Team of 13 persons. Maker Space, Coworking space, Creative space, Video- and Podcastlaboratory

Campus Schwarzwald	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support				x	Awareness		Office facilities		Vouchers		No specific focus	
					Orientation		Co-working		Grants		Product	x
Spaces / Infrastructure	x	x			Networking	x	Fablabs / prototyping	x	Micro-credits		Service	
Funding					Sectorial training		Labs	x	Loans		Business model	
					Consulting/coaching		Living Labs		Crowd-funding		Social	
Level of expertise delivery	Innovation level of target group				Specific/individual training		Learning Factory	x	Equity funding		Organisation / culture	x
Basic	x	Low			Tech transfer	x	Small production facilities		Other		Digital transformation	x
Medium	x	Medium			Market research		Other	x			Green/circular	x
Advanced	x	High			Other	x	Study facilities	x			Other	
Complex		All of them		x	Young Talents	x						
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hihgly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION	
Main components of the practice	The aim of the campus schwarzwald is to establish a center for teaching, research and technology transfer in the mechanical engineering and manufacturing industry with a focus on digitalization, leadership and sustainability. According to this objective students shall be provided with theoretical and practical insights into regional SMEs. Next to technical expertise knowledge, management skills will be taughted. The regional companies benefit from the opportunity of business-related research and advanced trainings. The large laboratory allows (collaborative) research on future topics. Additionally interestet companies and startups can participate in several funding projects or use the campus infrastructure like coworking spaces for their own business purposes.
Owner and further stakeholders	
Main resources involved	800 m2 lab, coworking facilities and meeting rooms. Team of 13 persons.

TERA Tehnopolis, OSIJEK	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	X	X	X		Awareness	x	Office facilities	x	Vouchers	x	No specific focus	
					Orientation	x	Co-working	x	Grants		Product	x
Spaces / Infrastructure		X	X		Networking	x	Fablabs / prototyping	x	Micro-credits		Service	x
Funding					Sectorial training		Labs		Loans		Business model	x
					Consulting/coaching	x	Living Labs		Crowd-funding		Social	
Level of expertise delivery	Innovation level of target group				Specific/individual training	x	Learning Factory		Equity funding		Organisation / culture	
Basic	X	Low			Tech transfer	X	Small production facilities		Other		Digital transformation	x
Medium	X	Medium			Market research		Other	X			Green/circular	x
Advanced	X	High			Other	X					Other	x
Compôex		All of them	X									
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hihgly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION	
Main components of the practice	TERA Tehnopolis business incubator offers office premises as well as access to a co-working space. It targets mainly entrepreneurs and startups in the creative and digital industries. In addition to the infrastructure and various office equipment (copiers, video projectors, smart boards), the tenants have at their disposal advisory and consulting support in the field of intellectual property protection, financing options, business planning and internationalization of business, as well as business management issues in the domain of finance when realizing entrepreneurial ideas, accounting and advisory services for legal issues. Most entrepreneurial topics are regularly covered through trainings and expert keynotes. The access to offices and co-working are provided on a close to market price. Basic support services are free of charge. Incubents get vouchers for accessing specialised support services.
Owner and further stakeholders	Business incubator is run by the company TERA Tehnopolis d.o.o. Osijek and the company is jointly owned by the University of Josip Juraj Strossmayer Osijek, Croatia, the City of Osijek and Osječko-baranjska County.
Main resources involved	TERA business incubator consists of 18 offices, 12 workstations, a 3D laboratory, a seminar room and a small meeting room.

Centre for Research, Development & Innovations (CRDI), Slavonski Brod	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature	Awareness		Office facilities		Vouchers		No specific focus	
Soft support	x				Orientation		Co-working	X	Grants		Product	X
Spaces / Infrastructure					Networking	X	Fablabs / prototyping	X	Micro-credits		Service	X
Funding					Sectorial training	X	Labs	X	Loans		Business model	
					Consulting/coaching	X	Living Labs		Crowd-funding		Social	
Level of expertise delivery	Innovation level of target group				Specific/individual training	X	Learning Factory		Equity funding		Organisation / culture	X
Basic	x	Low			Tech transfer	X	Small production facilities		Other		Digital transformation	X
Medium		Medium			Market research	X	Other				Green/circular	
Advanced		High			Other						Other	
Compöex		All of them										
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hihgly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION

Main components of the practice	Centre for Research, Development & Innovations (CRDI) / Centar za razvoj, istraživanjei inovacije (CIRI) operates within The Mechanical Engineering Faculty (MEFSB) in Slavonski Brod (member of The University of Slavonski Brod). Although not registered as business support organisation, it play the significant role in metal-processing industry in NUT2 Panonian Croatia (ref. to The Industrial Transition Plan for Panonian Croatia). MEFSB is organized in five departments, covering specific areas related to mechanical engineering: The Department for Materials Engineering include activities in the field of materials (metal and non-metal), heat treatment and tribology; comprised by the Laboratories for Mechanical Testing, Metallographic Testing, Chemical Testing, Heat Treatment/Thermal Measurement and Tribology. The Department is in the process for accreditation of the Laboratory for Materials Testing at HAA (Croatian Accreditation Agency). The equipment used in the Laboratory is regularly calibrated according to EN ISO 17025. This provides the validity of results, as well as their comparison with the results acquired in other institutions during scientific research: https://sfsb.unisb.hr/about/competences/competences-of-department-for-materials-engineering/ The Department for Production Engineering conducts scientific research in the field of production procedures and modern mechanical engineering technologies; consists of three chairs: Chair for Polymers Processing and Casting, Chair for Chip-forming and Deforming, Chair for Welding and Surface Protection. Department has 6 laboratories that are used for education, scientific and research activities, as well as for cooperation with enterprises: https://sfsb.unisb.hr/about/competences/competences-of-department-for-production-engineering/ The Department for Industrial Engineering consists of two chairs: Process Planning and Production Management; Maintenance and Computer Integrated Manufacturing. The Department has five Laboratories for: ERP systems and TCR (Tele-Conference Room), System Modelling and Process Control, Computer Aided Process Planning (CAPP) and Computer Aided Design (CAD), Computer Integrated Manufacturing (CIM) and Maintenance, and Rapid Prototyping. Various instrumentation and training programmes are available to enterprises: https://sfsb.unisb.hr/about/competences/competences-of-department-for-industrial-engineering/ The Department for Mechanical Design offers the complete analysis during development and design of the product: structure design by using CAD tools, calculation and analysis of structures by using analytic expressions and numeric methods (Finite element method) with structure optimisation and development of different methods for evaluation of single design solution, experimental analysis of finished products and models through planning of experiments. The Department has six laboratories that are used for education, scientific and research activities, as well as cooperation with the economy: https://sfsb.unisb.hr/about/competences/competences-of-department-for-mechanical-design/ The Department for Energetics educates students who will have the knowledge and skills necessary for research, development, introduction and application of new methods and tools in the design, manufacture, reconstruction, installation and maintenance of power plants. The scientific research activity is focused on the areas of heat transfer with phase change, thermodynamics, fluid mechanics and aerodynamics, electrical engineering and renewable energy sources. Industrial sectors of application: Design and product development, Optimisation, Heavy industry, Processing industry, Light industry. The Department offers the following services: Functional analysis of product; Analytical and Numerical (Computational Fluid Dynamics) computation of product; Eco-design in field of mechanical engineering and electrical engineering; Electrotechnical part of energy inspections of buildings, systems and public lighting; Energy certification of buildings, systems and public lighting etc.: https://sfsb.unisb.hr/about/competences/department-for-energetics/
Owner and further stakeholders	Centre for Research, Development & Innovations (CRDI) operates within the University of Slavonski Brod, public higher education and research organisation. The infrastructure and equipment is available at three locations in Slavonski Brod, NUTS3 Brod-posavina County. Main Project Design and Technical Documentation for the new CRDI building (2700 sqm) had been prepared and Building Permit issued in September 2022.
Main resources involved	45 experts in specific fields of expertise with focus on mechanical engineering. Classrooms and laboratories equipped with various equipment, devices, hardware and softwares to provide collaborative R&D projects with private sector.

PBN & am-LAB & at.home	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support			x		Awareness	x	Office facilities		Vouchers	x	No specific focus	
					Orientation	x	Co-working		Grants		Product	x
Spaces / Infrastructure				x	Networking	x	Fablabs / prototyping		Micro-credits		Process	x
Funding	x				Sectorial training	x	Labs		Loans		Service	x
					Consulting/coaching	x	Living Labs	x	Crowd-funding		Design	x
Innovation level of target group					Specific/individual training	x	Learning Factory	x	Equity funding		Business model	x
Low		PBN work with its target groups from low to high level. It supports clients from idea to prototype phase.			Tech transfer	x	Small production facilities	x	Other		Social	x
Medium					Market research	x	Other: test environment	x			Organisation / culture	
High					Other						Digital transformation	x
All of them	x										Green/circular	x
Level of expertise for service delivery											Other	
Basic	eventmanagem can be delivered by a generalist											
Medium	networking, cor requires specific but common expertise (tax law, ...)											
Advanced	amLAB, at.hom requires hihgly specialised expertise/resources (lab, ...)											
Complex	amLAB, at.hom requires several expert contributions											

SHORT DESCRIPTION

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	PBN has ecosystem-oriented approach in the implementation of knowledge transfer, realized in a broad European partnership. Main activities are - Entrepreneurial knowledge transfer: mentoring and training opportunities, calls for tenders, international study visits, implementation of R&D developments - Ecosystem development: professional programs, pilot implementation - Policy document development: support in development of calls for proposals, development of policy documents am-LAB is a research, development, and training laboratory focusing on application of digitalization in manufacturing and product development. It provides a holistic physical environment to meet unique business needs with cutting edge technology. at.home is a unique demonstration and test environment, a research & development infrastructure that facilitates the implementation of product and service development in the field of senior care.	Public authorities	Municipalty of Szombathely Municipality of Vas County social care centres
		Academia	ELTE - Eötvös Lóránd University - Savaria University Centre PTE ETK - University of Pécs, Faculty of Health Sciences ÓE - University of Óbuda FH Burgenland - University of Applied Sciences
		Private sector	businesses - SMEs and multinational companies from manufacturing and medtech sector service providers e.g. visual solutions, manufacturers private nursing homes and healthcare actors
Main resources involved	30 people work in total at PBN (50% engineers 50% economists with different expertise) am-LAB offers a 200m2 laboratory space for industry 4.0 solutions 0(robotics, xR, 3D technologies, data analysis) and a teaching and learning factory (TLF) for demo and R&D purposes. at.home offers a 50m2 demo and testing facility for assistive technologies at home care. Budget is covered by project-based competitive fundings (95%) and business services (5%).	Civil society	citizens, public organisations, patient groups Citizens are invited for an Open Day (Researchers' Night) once a year an besides this there's demonstration, career orientation events on demand (1000+ visitors per year). At.home leads the Silver Club, a civil community with senior citizens who take part in testings.

StartITup	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support			x		Awareness	x	Office facilities		Vouchers		No specific focus	x
Spaces / Infrastructure					Orientation	x	Co-working		Grants		Product	
					Networking	x	Fablabs / prototyping		Micro-credits		Process	
Funding					Sectorial training		Labs		Loans		Service	
Innovation level of target group Low Medium High All of them Level of expertise for service delivery Basic Medium Advanced Complex					Consulting/coaching	x	Living Labs		Crowd-funding		Design	x
					Specific/individual training	x	Learning Factory		Equity funding		Business model	x
					Tech transfer		Small production facilities		Other		Social	
					Market research		Other				Organisation / culture	
					Other						Digital transformation	
											Green/circular	
											Other	

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	Various startup incubators and business accelerators operate in several cities in the region. The most prominent of these is the StartITup Association, closely linked to Széchenyi University in Győr, which organises local startup-focused events, hackathons and school programmes with hundreds of participants every year. Similar work is done in Sopron by StartupLab. StartITup organises community-building events. It provides programmes, training, incubation and go-to-market support for local entrepreneurs. It connects the startup ecosystem with international hubs. Activities: - Startup Wednesday: monthly meetup every first Wednesday of the month. StartITup picks a topic and bring together interesting speakers from different fields in the startup world. They want to give the floor to diverse speakers like speakers from abroad, female entrepreneurs and local talent. - Ideathon: Ideathon is an idea competition (hackathon) for individuals or teams to work together on improving an idea into an MVP or prototype with the help of experienced mentors. - Start it@ K&H Incubator: They host the first local incubation programme of K&H Start it outside Budapest. People can apply with an idea for the 6-month programme where StartITup supports the idea with mentoring, training and relevant business connections both in Hungary and abroad. - LiftUp is a series of workshops supported by the New Generation Centre UK to help students kickstart their businesses through idea generation, design thinking, prototyping and pitching - Training: regularly organise training and workshops for the community in collaboration with the INPUT programme, the local chamber of commerce and the university among others.	Public authorities	Chamber of Commerce and Industry
		Academia	Széchenyi István University of Győr
		Private sector	businesses, entrepreneurs K&H Bank - Start it @K&H Incubator consultants
Main resources involved	Team of 3 people to run StartITup with occasional involvement of relevant professionals	Civil society	citizens

Entrepreneurship Centre	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support			x		Awareness		Office facilities	x	Vouchers		No specific focus	x
Spaces / Infrastructure			x		Orientation		Co-working		Grants		Product	
					Networking		Fablabs / prototyping		Micro-credits	x	Process	
Funding				x	Sectorial training		Labs		Loans		Service	
Innovation level of target group					Consulting/coaching	x	Living Labs		Crowd-funding		Design	
					Specific/individual training		Learning Factory		Equity funding		Business model	
					Tech transfer		Small production facilities		Other		Social	
					Market research		Other				Organisation / culture	
					Other						Digital transformation	
											Green/circular	
											Other	
Level of expertise for service delivery												
Basic	x - office mana	can be delivered by a generalist										
Medium	x - micro-credit	requires specific but common expertise (tax law, ...)										
Advanced	n.a.	requires hightly specialised expertise/resources (lab, ...)										
Complex	n.a.	requires several expert contributions										

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	Entrepreneurship Centre Szombathely is the Regional Enterprise Development Foundation of Vas County and city of Szombathely. The organization provides microloans to start-up and operating businesses and also runs an incubator house in the city where start-ups can rent offices	Public authorities	Hungarian Enterprise Development Foundation Municipality of Szombathely, Kőszeg, Celldömölk, Szentgotthárd Vas County Assembly Szombathely Industrial Council n.a.
		Academia	
		Private sector	The Szombathely Directorate of North Transdanubia Region of OTP Bank Plc MKB Bank Zrt. ERSTE Bank Hungary Zrt. Paccor Hungary Kft. Szombathely Asset Manager and City Management Nonprofit Ltd.
Main resources involved	Team of 4 persons to run the Centre X m2 office space to rent	Civil society	Vas County Interest Protection Organization of Merchants and Restaurateurs

ZalaZONE	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support			x		Awareness		Office facilities	x	Vouchers		No specific focus	
Spaces / Infrastructure				x	Orientation		Co-working		Grants		Product	x
					Networking		Fablabs / prototyping		Micro-credits		Process	x
Funding					Sectorial training		Labs	x	Loans		Service	x
Innovation level of target group					Consulting/coaching	x	Living Labs	x	Crowd-funding		Design	
					Specific/individual training		Learning Factory		Equity funding		Business model	
	Low						Tech transfer	x	Small production facilities		Other	Social
	Medium	x					Market research		Other:	x		Organisation / culture
	High	x					Other		vehicle industry test track			Digital transformation
	All of them											Green/circular
											Other: automotive, energy, agricultural and defense innovation	x
Level of expertise for service delivery												
Basic	x	can be delivered by a generalist										
Medium	x	requires specific but common expertise (tax law, ...)										
Advanced	x	requires hihgly specialised expertise/resources (lab, ...)										
Complex	x	requires several expert contributions										

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	ZalaZONE Automotive Proving Ground has a key importance as a complex and integrated Research & Development facility which supports customers and experimental developments. The hub of innovation activities related to ZalaZONE is its Research and Technology Centre. Here joint research projects of the Budapest University of Technology & Economics, the University of Győr, the University, of Pannonia and other higher education partners take place. The Centre is located just beside the proving ground. It was opened in 2019 and functions as an incubator/accelerator for SMEs and start-ups as well as university based R&D centre, for Hungarian, regional, European, and global university and industrial partners.	Public authorities	Széchenyi István University of Győr Budapest University of Technology & Economics University of Pannonia
		Academia	
		Private sector	
Main resources involved	vehicle industry test track on 265 hectares	Civil society	

SPARK!	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support		x	x		Awareness	x	Office facilities		Vouchers	x	No specific focus	
Spaces / Infrastructure		x	x		Orientation	x	Co-working		Grants	x	Product	
Funding		x	x		Networking		Fablabs / prototyping		Micro-credits		Process	
					Sectorial training		Labs		Loans		Service	
					Consulting/coaching	x	Living Labs		Crowd-funding		Design	
					Specific/individual training		Learning Factory		Equity funding		Business model	
					Tech transfer		Small production facilities		Other		Social	
					Market research		Other				Organisation / culture	
					Other						Digital transformation	x
											Green/circular	
											Other: business coaching	x
Level of expertise for service delivery												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hihgly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	SPARK! is a targeted competence-building and problem-solving business developmnet package that enables businesses to identify the most appropriate resources for the company's situation and for the acquisition of the resources. It provides problem-solving business coaching for scaleups and innovative SMEs. Target area of the programme is Digitalisation of the agri-food industry.The project is funded by the Digitaltech EDIH project, cooperation with Food ScaleUp project.	Public authorities	Clusters, chamber of commerces
		Academia	
		Private sector	
			Smes, SMCCs
Main resources involved	4 people of the CTRIA Team is running the project. Moreover there are 3 business coaches and experts take part in the project.	Civil society	

Startup Campus	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support		x			Awareness	x	Office facilities		Vouchers	x	No specific focus	x
Spaces / Infrastructure		x			Orientation	x	Co-working		Grants		Product	
Funding		x			Networking	x	Fablabs / prototyping		Micro-credits		Process	
Innovation level of target group					Sectorial training	x	Labs		Loans		Service	
					Consulting/coaching	x	Living Labs		Crowd-funding		Design	
					Specific/individual training	x	Learning Factory		Equity funding		Business model	
					Tech transfer		Small production facilities		Other		Social	
					Market research		Other				Organisation / culture	
					Other						Digital transformation	
											Green/circular	
Level of expertise for service delivery											Other	
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hihgly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION			Stakeholders	
Main components of the practice	Startup Campus is an international innovation centre and startup incubator. They develop and implement innovation programmes for corporations and governmental partners, and they support innovative projects with educational, incubation, investment, sales and foreign market entry services from early phase ventures up to SMEs with great growth potential. Their mission is to create values that benefit society on a business basis.They help innovative projects with educational, incubation, investment, sales and foreign market entry services, develop and implement innovation programmes, provide cooperation possibilities with startup enterprises, corporations and sectoral players through their programmes and provide innovative projects, new technologies and enterprises suitable for investment with sectoral focus.		Public authorities	Clusters, chamber of commerces
			Academia	
			Private sector	startups, SMEs
Main resources involved	10 people are working in the business and more experts take part in programmes.		Civil society	

arian Startup University Pro	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support		x			Awareness	x	Office facilities		Vouchers		No specific focus	x
Spaces / Infrastructure		x			Orientation	x	Co-working	x	Grants	x	Product	
Funding		x			Networking	x	Fablabs / prototyping		Micro-credits		Process	
Innovation level of target group					Sectorial training	x	Labs	x	Loans		Service	
					Consulting/coaching	x	Living Labs	x	Crowd-funding		Design	
					Specific/individual training	x	Learning Factory	x	Equity funding		Business model	
					Tech transfer		Small production facilities		Other		Social	
					Market research	x	Other				Organisation / culture	
					Other						Digital transformation	
											Green/circular	
Level of expertise for service delivery											Other	
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hihgly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION			Stakeholders	
Main components of the practice	The Hungarian Startup University Program (HSUP) is Hungary's first higher education-level startup program. The HSUP aims to introduce Hungarian students to the world of innovation, modern entrepreneurship and start-ups in particular, through a new common educational platform. In the Hungarian Startup University Program students can learn through interactive, playful learning materials and personalised content. HSUP is a two-semester e-learning course, with the first semester focusing on innovative thinking and learning about the startup world, and the second semester on practical knowledge of building a business. At the end of the 2nd semester, students can present their idea and the MVP to investors		Public authorities	National Innovation Agency
			Academia	33 universities
			Private sector	business partners
Main resources involved	14.000 students, 33 universities and more than 40 business partners		Civil society	

ADP-ZIC	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	x	x			Awareness	x	Office facilities		Vouchers		No specific focus	
					Orientation	x	Co-working	x	Grants	x	Product	x
Spaces / Infrastructure	x	x			Networking	x	Fablabs / prototyping	x	Micro-credits		Process	
Funding		x			Sectorial training	x	Labs		Loans		Service	x
					Consulting/coaching	x	Living Labs	x	Crowd-funding		Design	x
Innovation level of target group					Specific/individual training	x	Learning Factory		Equity funding		Business model	
Low	x				Tech transfer		Small production facilities	x	Other/ Start-up nudi partnerstvo kroz projekte	x	Social	x
Medium	x				Market research		Other				Organisation / culture	
High					Other						Digital transformation	
All of them											Green/circular	x
Level of expertise for service delivery											Other	
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires highly specialised expertise/resources (lab, ...)											
Complex	n/a											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	ADP-Zid as a Community impact accelerator has been working on the development and promotion of innovations for more than 10 years. In its own space, it provides spatial and human capacity. They also offer opportunities for stand-up initiatives in the area of circular, green and social economy to boost their ideas and prototypes. Through the development of projects, ADP-Zid has implemented boot camps at the stand-up level and does consulting in setting up start-ups in the mentioned areas.	Public authorities	A memorandum of cooperation was signed with the Municipality of Podgorica on participation in the Living Lab process. Also, a Memorandum on cooperation with the Parliament of Montenegro was signed.
		Academia	No strong connection on the strategic level. At the operational level, ADP-Zid cooperates with several faculties. It has a research team composed of researchers and professors from several different faculties and universities.
		Private sector	MoU with Chambers of Commerce of Montenegro. Zid has a very constructive cooperation with the Union of Employers in Montenegro and it cooperates with several private entities.
Main resources involved	In addition to the mentioned space of 200 m ² , the I2 maker space of 150 m ² , which equipment is located for car conversion, various tools and machines for the development and production of prototypes in the field of creative industries, such as laser cutter, CNC, plotter, UV printer, equipment for 3d (printing, scanning and making prototypes), and equipment for upcycling and reuse products is available. ADP-Zid has 12 full-time employees. The Living Lab is the only one in Montenegro.	Civil society	27 years of work as an NGO, and initiator of several national and regional networks. ADP-Zid is currently implementing a project by which we import various services for the development of the social and green economy in the Western Balkan region.

UNION YOUNG ENTR.	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support		x	x		Awareness	x	Office facilities	x	Vouchers		No specific focus	x
Spaces / Infrastructure					Orientation	x	Co-working	x	Grants		Product	
Funding					Networking	x	Fablabs / prototyping		Micro-credits		Process	
					Sectorial training	x	Labs		Loans		Service	
					Consulting/coaching	x	Living Labs		Crowd-funding		Design	
					Specific/individual training	x	Learning Factory		Equity funding		Business model	
Innovation level of target group					Tech transfer		Small production facilities		Other / true projects		Social	
Low	x				Market research		Other				Organisation / culture	
Medium					Other						Digital transformation	
High											Green/circular	
All of them											Other	
Level of expertise for service delivery												
Basic	can be delivered											
Medium	specific expertise (tax law, ...)											
Advanced	n/a											
Complex	n/a											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	The Union of Young Entrepreneurs develops an ecosystem for the development of entrepreneurship. With that goal, they recently launched the House of Entrepreneurship - open space and offices where they offer their members five support services free of charge: information on support (lews letter); legal advice; psychological counseling of entrepreneurs - career development; marketing consultations; accounting. They work is also based on connecting companies in the country and with entrepreneurs in the region. They organize a fair of young entrepreneurs and participate in the development of a regional platform for supporting young entrepreneurs.	Public authorities	MoU with 6 municipalities in 3 regions
		Academia	
		Private sector	Chamber of commerce
Main resources involved	The House of Entrepreneurship is a space of 200 m2 in which they offer members a space to work. They have 3 employees.	Civil society	MoU with several NGOs

PRONA	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	x				Awareness	x	Office facilities		Vouchers		No specific focus	
					Orientation		Co-working		Grants		Product	
Spaces / Infrastructure					Networking		Fablabs / prototyping		Micro-credits		Process	
Funding					Sectorial training	x	Labs		Loans		Service	
					Consulting/coaching	x	Living Labs		Crowd-funding		Design	
					Specific/individual training	x	Learning Factory		Equity funding		Business model	
					Tech transfer		Small production facilities		Other		Social	
					Market research		Other				Organisation / culture	
					Other						Digital transformation	
											Green/circular	
											Other	
Innovation level of target group												
Low												
Medium												
High												
All of them												
Level of expertise for service delivery												
Basic	can be delivered by a generalist											
Medium	n/a											
Advanced	n/a											
Complex	n/a											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	Prona is a non-governmental organization that has been promoting the development of science in society for over 20 years. The organizers are several mechatronics, electronics, robotics, IoT..	Public authorities	Ministry of Science, Science and Technology Park
		Academia	University of Montenegro
		Private sector	
Main resources involved	Training area.	Civil society	ADP-Zid

Early Game Ventures	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support		x			Awareness		Office facilities		Vouchers		No specific focus	
					Orientation	x	Co-working		Grants		Product	x
Spaces / Infrastructure					Networking	x	Fablabs / prototyping		Micro-credits		Process	x
Funding		x			Sectorial training		Labs		Loans		Service	x
					Consulting/coaching	x	Living Labs		Crowd-funding		Design	x
					Specific/individual training		Learning Factory		Equity funding	x	Business model	
					Tech transfer		Small production facilities		Other		Social	
					Market research		Other				Organisation / culture	
					Other						Digital transformation	x
											Green/circular	x
											Other	x
Level of expertise for service delivery												
Basic	n.a.											
Medium	n.a											
Advanced	specialized managing team											
Complex	experienced technology investors											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	Early Game Ventures is an early-stage venture capital firm in Romania investing in startups that create new industries in the emerging markets of Europe. Their philosophy is quite straightforward: they invest at the earliest stages in companies whose founders have vested interests, are coachable and address big markets. If the opportunity is real, they prefer to be the first institutional investor in such startups. EGV is also running an accelerator, taking in only 5 or 6 startups per year for a very intensive and tailor-made program.	Public authorities	n.a
		Academia	n.a
		Private sector	experienced technology investors
Main resources involved	Chairman & VPs, Investors	Civil society	n.a

North-East Regional Development Agency	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support				x	Awareness	x	Office facilities		Vouchers	x	No specific focus	
					Orientation	x	Co-working		Grants	x	Product	x
Spaces / Infrastructure						x						
					Networking	x	Fablabs / prototyping		Micro-credits		Process	x
Funding				x	Sectorial training	x	Labs		Loans		Service	x
					Consulting/coaching	x	Living Labs		Crowd-funding		Design	
					Specific/individual training	x	Learning Factory		Equity funding		Business model	
Innovation level of target group												
Low					Tech transfer		Small production facilities		Other		Social	
Medium	x				Market research		Other				Organisation / culture	
High	x				Other						Digital transformation	
All of them											Green/circular	
Level of expertise for service delivery											Business developement	
Basic	Help desk										Other	
Medium	n/a											
Advanced	Partner search design and implement funding instruments NE Regional Programme 2021-2027											
Complex												

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	A non-governmental, not-for-profit organization of public utility, whose main objective is regional economic and social development. Managing Authority for the Regional Operational Program, starting with the 2021-2027 programming period -> North-East Regional Programme. Regional development facilitator: develops open and fair communication channels and collaborations with all representatives of the Quadruple Helix; supports creation of common goals and initiatives; promotes vertical and horizontal partnerships based on reciprocity and mutual benefit; creates cooperation bridges and facilitates international collaborations for regional and local actors through its own network of international contacts and regional partnerships; creates premises for attracting and making investments in the region; identifies and attracts funding resources.	Public authorities	All public authorities from the North-East region of Romania. For the SO1.1 FEDR n/a
		Academia	All academia from the North-East region of Romania
		Private sector	SMEs and midcaps
		Civil society	n/a
Main resources involved	Human resource		

Orange Fab Romania	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation				
	Stand-up	Start-up	Scale-up	Mature											
Soft support	x	x	x		Awareness	x	Office facilities		Vouchers		No specific focus				
					Orientation	x	Co-working	x	Grants		Product	x			
Spaces / Infrastructure	x	x	x			x		x							
Funding	x	x	x		Networking	x	Fablabs / prototyping		Micro-credits		Process	x			
					Sectorial training	x	Labs		Loans		Service	x			
					Consulting/coaching	x	Living Labs		Crowd-funding		Design	x			
					Specific/individual training	x	Learning Factory		Equity funding		Business model	x			
Innovation level of target group															
Low	x	Orange Fab Romania is a 1-year startup accelerator, conceived to support entrepreneurs in developing innovative products and help them distribute both locally and globally. Prospective applicants are encouraged to explore the activity domains of interest and, if they possess a product at least at the Minimum Viable Product (MVP) level, to consider applying for the accelerator program.													
					Tech transfer		Small production facilities		Capital funds		Social				
Medium	x														
					Market research		Other		Other		Organisation / culture				
High															
All of them															
Level of expertise for service delivery															
Basic	Offices and meeting rooms (co-working)														
Medium	n/a														
Advanced	Community builders, investment experts														
Complex	Start-up suport and capital funds														

BrainMap	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature	Awareness	x	Office facilities		Vouchers		No specific focus	
Soft support	x	x	x	x	Orientation	x	Co-working		Grants		Product	
Spaces / Infrastructure					Networking	x	Fablabs / prototyping		Micro-credits		Process	
Funding					Sectorial training		Labs		Loans		Service	
Innovation level of target group					Consulting/coaching		Living Labs		Crowd-funding		Design	
					Specific/individual training		Learning Factory		Equity funding		Business model	
					Tech transfer		Small production facilities		Other		Social	
					Market research		Other				Organisation / culture	
					Other	x					Digital transformation	
											Green/circular	
											Other	
Low												
Medium												
High												
All of them	x											
Level of expertise for service delivery												
Basic	facilitating innovative collaboration											
Medium	access to experts in thematic fields											
Advanced	n.a.											
Complex	n.a											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	BrainMap is the online platform that reunites, since 2016, Romanian and foreign experts, in order to facilitate and simplify the evaluation process of the research projects UEFISCDI. Its usability extended to selecting members for research and higher education consulting committees. The initiative received such a positive feedback, that a new idea had sprung out, namely the necessity to boost and refresh the platform, in terms of its functions, structure and design. After a vast process of developing BrainMap, it does not only serve as an evaluation instrument for projects applying for funding, but that it helps create a community for the actors involved in research, innovation and entrepreneurial activities. Thus, BrainMap represents one single entry gate to the human resource related to research and innovation, but also to reliable and relevant information on the above mentioned areas, such as publications, patents, projects, calls, institutions, specific expertise and skills, research infrastructures, among many others, easily filtered according to the users' needs and interests. BrainMap is a dynamic platform, constantly updated and improved based on the feedback we receive and on the community's demands	Public authorities	national public bodies; regional and local authorities
		Academia	universities and national research institutes
		Private sector	companies with RDI activity
Main resources involved	Human resources and technical expertise: multidisciplinary team including software developers, database administrators, UX/UI designers, domain experts etc; infrastructure: Hosting Services and Development Tools; Data and Content; Funding: Adequate funding to support the development and maintenance of the platform, including salaries for developers and other team members, infrastructure costs, and ongoing support and maintenance expenses; Legal and Regulatory Compliance: Terms of Service and Privacy Policy; User Engagement and Community Building	Civil society	NGOs with RDI activity

EERTIS	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature	Awareness	x	Office facilities		Vouchers		No specific focus	
Soft support	x	x	x	x	Orientation	x	Co-working		Grants		Product	x
Spaces / Infrastructure	X	X	X	X	Networking	x	Fablabs / prototyping		Micro-credits		Process	x
Funding					Sectorial training		Labs		Loans		Service	x
Innovation level of target group					Consulting/coaching		Living Labs		Crowd-funding		Design	
					Specific/individual training		Learning Factory		Equity funding		Business model	
					Tech transfer		Small production facilities		Other		Social	
					Market research		Other	x			Organisation / culture	
					Other	x					Digital transformation	
											Green/circular	
											Other	
Level of expertise for service delivery												
Basic	facilitating innovative collaboration											
Medium	access to knowledge about infrastructure in thematic fields											
Advanced	booking gate for research services provided by the Romanian private and public research infrastructures											
Complex	n.a											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	EERTIS - Engage in the European Research and Technology Infrastructure System – is the online platform that reunites the public and private European Research and Technology Infrastructures. In 2015, The Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI) developed erris (Engage in the Romanian Research Infrastructure System), within the framework of the "Improving the efficiency of the electronic data monitoring of R&D activities" European project. It was the first Romanian online platform that collected and displayed the national research infrastructure with the purpose of connecting them with potential clients (researchers and company representatives). The platform was also a booking gate for research services provided by the Romanian private and public research infrastructures. In 2018, ERRIS started its international journey, by including Slovenian infrastructures and started a dialogue with Montenegrin and Moldavian officials to also include research infrastructures from that area. Hence erris changed to eris - Engage in the European Research Infrastructure System, in order to highlight its newly acquired European dimension. In order to integrate both the international response and the feedback from the Romanian research community, which was provided through a series of interviews with the research institutions representatives, eris was redesigned, in order to keep up with the RDI community needs. Hence, in 2021, Eeris became EERTIS. EERTIS is a single-entry gate for the European Research and Technology Infrastructures and their associated services and pieces of equipment, therefore you have easy access to a wealth of information regarding the Research and Technology Infrastructures and their services. EERTIS is publicly accessible and represents an open access resource displaying information collected from the Research and Technology Infrastructures. EERTIS helps build trust for potential users by providing a services contracting technology that combines ease of use, low cost and high security. EERTIS allows you to create a complex and structured online institutional profile, helping you to increase its visibility nationally and internationally. EERTIS is a powerful tool for management and administrative purposes helping you get an overview of your research capacity. EERTIS is now more than a registry of research and technology infrastructures; it bridges the gap between the research and technology service providers and the potential users.	Public authorities	national public bodies; regional and local authorities
		Academia	universities and national research institutes
		Private sector	companies with RDI activity
Main resources involved	Human resources and technical expertise: multidisciplinary team including software developers, database administrators, UX/UI designers, domain experts etc; infrastructure: Hosting Services and Development Tools; Data and Content; Funding: Adequate funding to support the development and maintenance of the platform, including salaries for developers and other team members, infrastructure costs, and ongoing support and maintenance expenses; Legal and Regulatory Compliance: Terms of Service and Privacy Policy; User Engagement and Community Building	Civil society	NGOs with RDI activity

Cafeneaua de Inovare	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature	Awareness	x	Office facilities		Vouchers		No specific focus	
Soft support	x	x	x	x	Orientation	x	Co-working		Grants		Product	
Spaces / Infrastructure					Networking	x	Fablabs / prototyping		Micro-credits		Process	
Funding					Sectorial training		Labs		Loans		Service	
Innovation level of target group					Consulting/coaching		Living Labs		Crowd-funding		Design	
Low					Specific/individual training		Learning Factory		Equity funding		Business model	
Medium					Tech transfer		Small production facilities		Other		Social	
High					Market research		Other				Organisation / culture	
All of them	x				Other	x					Digital transformation	
Level of expertise for service delivery											Green/circular	
Basic	facilitating innovative collaboration										Other	
Medium	access to experts in thematic fields											
Advanced	n.a.											
Complex	n.a											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	Cafeneaua de Inovare (Innovation Cafe) is an initiative of the Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI) dedicated to innovative entrepreneurs, investors, venture capital and other actors supporting the innovation ecosystem in Romania. It aims to facilitate and promote a collaborative framework between the actors active in the innovation environment in Romania, through discussions and debates about innovative ideas and proposals to develop the innovation ecosystem. The event offers a tested model for long term quadruple helix cooperation and engagement, facilitating knowledge sharing between research, business representatives, public sector and civil society, enabling them to play active roles in R&I processes. Also the event is attached to the idea of society-centred innovation. Moreover, the initiative represents an instrument for assisting evidence based policies. Therefore, Innovation Café offers an open format event trying to involve all active players in the innovation ecosystem, being an instrument that supports stakeholders to integrate and connect their own knowledge with complementary capabilities and resources of others. A facility acknowledged within the event is represented by a pitch competition for research based entrepreneurs, named “Reserachpreneurs wanted”, made out of three components: TRAINING component, where the applicant researchers learn how to write a business plan to commercialize the prototype they are applying with in the competition; Live PITCHING competition: selected future researchpreneurs compete with a pitch in front of a jury of experts in different fields (research, venture capitalists, business angels, experienced entrepreneurs coming from all partner regions); MENTORSHIP component: the three winners in each Innovation Café benefit from meetings and support of mentors (experienced researchers, entrepreneurs or consultants) according to each winner's needs. The competition constitutes an excellent opportunity for innovators to test their ideas and to bring their research results closer to the market. The prizes and the training and mentorship offered, represent one further step to fill in the gaps in funding an education of the researchers when they find themselves in the early stages production or idea development or for R&D results commercialization.	Public authorities	national public bodies; regional and local authorities
		Academia	universities - predominantly STEM profile, national research institutes
		Private sector	startups, large companies, social enterprises, private investors
Main resources involved	Human resources: Team of 4-6 people for organisation; 3-5 mentors and advisors; Technical and administrative resources: conference room accomodating 30-50 persons, 1-2 small meeting rooms (optional, for training component if the edition of the event includes a competition), catering, promotional materials.	Civil society	NGOs supporting innovative business environment

Innovation Labs	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support		x			Awareness	x	Office facilities		Vouchers		No specific focus	
					Orientation	x	Co-working		Grants		Product	x
Spaces / Infrastructure						x	Fablabs / prototyping		Micro-credits		Process	x
Funding		x			Sectorial training		Labs		Loans		Service	x
					Consulting/coaching	x	Living Labs		Crowd-funding		Design	x
					Specific/individual training	x	Learning Factory		Equity funding		Business model	x
					Tech transfer	x	Small production facilities		Other	x	Social	
					Market research		Other				Organisation / culture	
					Other						Digital transformation	x
											Green/circular	
											Other	x
Innovation level of target group												
Low												
Medium	x											
High	x											
All of them												
Level of expertise for service delivery												
Basic	n.a											
Medium	n.a											
Advanced	specialised organising team											
Complex	mentors, advisers, financing bodies											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	Innovation Labs has been at the forefront of supporting the Romanian tech startup ecosystem for 12 years and it strives to bring added value to early-stage startups, and tech and non-tech students through ongoing support offered. The pre-accelerator program is a formative experience for teams participating and mentors and juries alike, bringing together people from all domains of the tech ecosystem: seasoned professionals, savvy investors, corporate companies, academia, students, volunteers and established names in the tech landscape. The program is currently hosted in five university centers nationally including Bucharest, Cluj, Iași, Sibiu, and Timișoara and serves student teams from smaller universities from around the country. Innovation Labs aims to increase the level of entrepreneurial culture among students, researchers, and experienced professionals and contribute to the development of an economy based on innovation and intellectual property created in Romania. Participants are given the chance to materialize their passions within a team, a mentor community, and the Romanian technical entrepreneurial ecosystem, by exploring the potential of bleeding-edge technologies to solve real problems, for real people. Thus, young people strengthen their theoretical and applied education, acquired in university programs, through communication skills, teamwork, and by capitalizing on diverse evaluation sources – from mentors, potential users, financiers, and customers.	Public authorities	Chancellery of the Prime Minister, Ministry of Communications and Information Society, UEFISCDI
		Academia	University Politehnica of Bucharest, regional universities
		Private sector	tech companies - startups, large companies, multinational, VC funds, business angels
Main resources involved	Human Resources - main team for programme coordination, knowledge transfer and support and HR from local university centers; pre-registration resources (events for community building, programme promoting and early team forming), program events (pre-accelerator programme and implementation events), investment prizes	Civil society	Tech Lounge Association

TechAngels	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support		x			Awareness		Office facilities		Vouchers		No specific focus	
					Orientation	x	Co-working		Grants		Product	x
Spaces / Infrastructure						x	Fablabs / prototyping		Micro-credits		Process	x
Funding		x			Sectorial training		Labs		Loans		Service	x
					Consulting/coaching	x	Living Labs		Crowd-funding		Design	
					Specific/individual training		Learning Factory		Equity funding		Business model	
					Tech transfer		Small production facilities		Other	x	Social	
					Market research		Other				Organisation / culture	
					Other						Digital transformation	x
											Green/circular	x
											Other	x
Innovation level of target group												
Low												
Medium												
High												
All of them	x											
Level of expertise for service delivery												
Basic	n.a.											
Medium	n.a											
Advanced	specialized managing team											
Complex	experienced technology business angels											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	TechAngels was created in 2013 to fill the need of having a common “meeting place” between early stage technology startups and the investors looking for investment opportunities. The group has two main directives: to educate and support young entrepreneurs through investments, access to acceleration programs and a sum of various other resources needed to grow their business, and to encourage potential business angels to take their first steps in this area of expertise. For whoever is taking into consideration becoming a technology business angel investor, being part of TechAngels is the best solution: as a member of the group, you have access to a considerable number of startups looking for funding, you can benefit from the investment-focused workshops, shared experiences from the other members, and you can make your first investments – either as a private investor or as a syndicate partner – with guidance from the most experienced technology business angels	Public authorities	n.a
		Academia	n.a
		Private sector	experienced technology business angels
Main resources involved	Chairman & VPs, Investors	Civil society	n.a

Technological Transfer Centre POLYTECH	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support				x	Awareness	x	Office facilities	x	Vouchers		No specific focus	
Spaces / Infrastructure				x	Orientation	x	Co-working	x	Grants		Product	x
Funding					Networking	x	Fablabs / prototyping	x	Micro-credits		Process	x
Innovation level of target group					Sectorial training		Labs	x	Loans		Service	
					Consulting/coaching	x	Living Labs		Crowd-funding		Design	x
					Specific/individual training	x	Learning Factory	x	Equity funding		Business model	
					Tech transfer	x	Small production facilities	x	Other		Social	
					Market research	x	Other				Organisation / culture	
					Other						Digital transformation	x
Low		Dissemination of technologies, transfer of know-how, and intellectual property rights through technology transfer contracts									Green/circular	x
Medium											Other	
High												
All of them	x											
Level of expertise for service delivery												
Basic	Offices and cutting-edge research laboratories											
Medium	IPR											
Advanced	Engineers, researchers in the field of technical sciences, and university faculty members											
Complex	innovation services											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	CTT Polytech carries out research and development activities, including fundamental and applied scientific research, experimental development, and innovation, as well as consultancy, design, service provision, and technology transfer activities in specific fields of the "Gheorghe Asachi" Technical University of Iași. Its mission is developing the specific relationships in the field of Research, Development, and Innovation (RDI) of the "Gheorghe Asachi" Technical University of Iași with the socio-economic environment and transferring the results obtained from RDI activities conducted by the research structures of TUIASI to organizations interested in adopting these results. 103 patents Advisory, logistical support, and financial support for the protection of intellectual property rights of research results from the centers and research groups of TUIASI, as well as for the creation of innovative start-ups or spin-offs.	Public authorities	n/a
		Academia	Collaboration with "Gheorghe Asachi" Technical University of Iași, other interested universities Research centers and institutes
		Private sector	SMEs, Chamber of Commerce
		Civil society	n/a
Main resources involved	Research teams composed of experienced researchers and researchers in training.		

iTransfer Technology Transfer Center	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support		x	x	x	Awareness		Office facilities		Vouchers		No specific focus	
Spaces / Infrastructure					Orientation		Co-working		Grants		Product	x
Funding					Networking	x	Fablabs / prototyping		Micro-credits		Process	x
Innovation level of target group					Sectorial training		Labs		Loans		Service	x
					Consulting/coaching		Living Labs		Crowd-funding		Design	
					Specific/individual training	x	Learning Factory		Equity funding		Business model	
					Tech transfer	x	Small production facilities		Other		Social	
					Market research		Other				Organisation / culture	
					Other						Digital transformation	x
Low		Directly addressing both the needs of academia for promotional services, the marketing of research results and the mediation of technology transfers, and the									Green/circular	
Medium											Other	
High												
All of them	x											
Level of expertise for service delivery												
Basic	n/a											
Medium	IP											
Advanced	expertise in ITC(Internet of Future, Technologies, tools											
Complex	requires several expert contributions											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	The iTransfer mission is to stimulate innovation and technology transfer in order to capitalize on research results by introducing them into the economic circuit in the form of innovative products and services. Objectives of iTransfer: - Stimulating innovation and technology transfer -Development of national / international partnerships between European organizations, units with RDI profile and SMEs in Romania -Orientation of the scientific research topics of the academic staff towards the fields / sub-domains targeted by the national and international programs and towards the concrete needs of the socio-economic environment - Formation of a generation open to the European and international scientific environment, in the spirit of innovation and technological development Products and services: Software development,IT consulting, IT conferences, Professional trainings, Executive trainings, Spin-off tutoring	Public authorities	n/a
		Academia	universities and research centres
		Private sector	companies
Main resources involved	human resource specialized in IT Research Equipments	Civil society	n/a

CEMEX - Advanced Research and Development Center for Experimental Soft support	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature		x		x				
				x	Awareness		Office facilities		Vouchers		No specific focus	
					Orientation		Co-working		Grants		Product	x
	Spaces / Infrastructure			x	Networking		Fablabs / prototyping		Micro-credits		Process	x
	Funding				Sectorial training		Labs	x	Loans		Service	x
					Consulting/coaching		Living Labs		Crowd-funding		Design	
Innovation level of target group					Specific/individual training		Learning Factory		Equity funding		Business model	
Low		CEMEX provides this research framework and its fundamental goal is perfectly achievable: the development, validation and use of animal models to study the etiology, pathology and treatment of			Tech transfer		Small production facilities		Other		Social	
Medium					Market research	x	Other				Organisation / culture	
High	x									Digital transformation		
All of them										Green/circular		
Level of expertise for service delivery										Other		
Basic	Laboratory infrastructure											
Medium	n/a											
Advanced	experienced scientists and technicians											
Complex	Preclinical Services											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	CEMEX has become an integrated research and development department of the Grigore T. Popa University of Medicine and Pharmacy. It provides a variety of services for many sectors, including human or animal healthcare, pharmaceuticals, or biotechnology. The state-of-the-art infrastructure and highly qualified and passionate team at CEMEX enable various in-vitro, in-vivo, and ex-vivo studies, in accordance with the requirements imposed by international regulations. These studies are conducted for the investigation of new diagnostic/therapeutic methods/new drugs in all phases of preclinical development. Services for: pain and inflammation research, cardiovascular and metabolic research, cancer research, neurodegenerative disorders research, regenerative medicine and tissue engineering, nanotechnologies, virology and microbiology, food supplements & natural products. Their 2,000 sqm state-of-the-art infrastructure is uniquely equipped to tackle the most challenging fundamental and preclinical R&D projects, while their management, quality control, and ethical procedures comply with high EU standards for animal research and ISO 9001. CEMEX houses the following core facilities: In Vivo Studies Unit Surgery Procedures Unit Physio-Pharmacology Unit Preclinical Imaging Unit Molecular Analysis Unit Functional Cellular Studies Unit Educational & Multimedia Unit: Molecular Biology Lab Training services for Laboratory & Manufacturing Short-term refresher courses Initiation Programs Phase specific strategy guidance and gap assessment Scientific evaluation and selection of candidate compound	Public authorities	Clinical Rehabilitation Hospital of Iași
		Academia	Institute of Macromolecular Chemistry "Petru Poni" Iasi
		Private sector	Antibiotice SA Fiterman Pharma Intellectro Iasi Romsoft All Green Plantavorel
Main resources involved	Research staff: 12 members; Administrative staff: 4 members;	Civil society	n/a

Rubik Hub	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support				X	Awareness	X	Office facilities	X	Vouchers		No specific focus	
Spaces / Infrastructure				X	Orientation	X	Co-working	X	Grants		Product	
Funding	X	X	X		Networking	X	Fablabs / prototyping		Micro-credits		Process	
Innovation level of target group					Sectorial training	X	Labs		Loans		Service	
					Consulting/coaching	X	Living Labs		Crowd-funding	x	Design	
					Specific/individual training	X	Learning Factory		Equity funding		Business model	x
					Tech transfer		Small production facilities		Business angels	x	Social	
					Market research		Other		Other		Organisation / culture	
					Other						Digital transformation	
											Green/circular	
Level of expertise for service delivery											Other	
Basic	Offices and meeting rooms											
Medium	Contributed to the romanian start-up strategy											
Advanced	Community builders, investment experts											
Complex	Start-up suport											

SHORT DESCRIPTION				Stakeholders	
Main components of the practice	RUBIK HUB Programs: - The Rubikigai Self-Discovery Program helps participants better identify their values and define their passions that can guide them towards an entrepreneurial career. The RubikEDU Entrepreneurship Education Program is structured around 3 pillars, each with a specific curriculum tailored to the target audience: RubikEDU Ideation Bootcamp, for students and young adults; RubikEDU step_in, for young people with ideas but undecided about pursuing an entrepreneurial career; RubikEDU _start, for young people with ideas determined to turn their idea into a successful startup.			Public authorities	n/a
				Academia	Collaboration with "Gheorghe Asachi" Technical University of Iași, other interested universities, and schools
				Private sector	Business angels, community builders and mentors
Main resources involved	Team members: 18 (programe managers, community builders, investment experts) With the support of a community of over 150 mentors, Rubik Hub offers programs aimed at startup founders or those who want to become one.			Civil society	Young adults, entrepreneurs

Digital Innovation Zone	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support				x	Awareness	x	Office facilities		Vouchers		No specific focus	
Spaces / Infrastructure				x	Orientation	x	Co-working		Grants		Product	x
Funding				x	Networking	x	Fablabs / prototyping	x	Micro-credits		Process	x
Innovation level of target group					Sectorial training	x	Labs		Loans		Service	x
					Consulting/coaching	x	Living Labs		Crowd-funding		Design	x
					Specific/individual training	x	Learning Factory		Equity funding		Business model	x
					Tech transfer	x	Small production facilities		Indirect funded services	x	Social	
					Market research	x	Other				Organisation / culture	
					Other						Digital transformation	x
											Green/circular	
Level of expertise for service delivery											Other	
Basic	n/a											
Medium	Training											
Advanced	specialists in technology, marketing, artificial intelligence,											
Complex	innovation services in digitalization											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	Tools developed: - Digital Evaluator Tool that analyzes the level of digital maturity, passing through various areas of analysis (digital business strategy, digital preparation, digitization oriented to the individual, data management, automation, and sustainable digitization); - Since January 2023, DIZ developed a catalog of IT suppliers within the North-East Region of Romania. Since then, DIZ published more than 80 suppliers offering complex solutions supporting the digital transformation process (products and services). At the same time, Digital Innovation Zone has built a community of technology providers and chief technical officers. They are helping the beneficiaries of the North-East Regional Programme to prepare their Digital Feasibility Study (open call on digitization); - Digital Innovation Zone has several good practices for working with local public authorities (County Councils on health and building their digitalization strategies).	Public authorities	County Councils Municipalities
		Academia	Grigore T. Popa University of Medicine and Pharmacy "Gheorghe Asachi" Technical University of Iași
		Private sector	SMEs, NGOs, clusters
Main resources involved	9 founders entities; 14 members;	Civil society	n/a

Association "Mai Bine"	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	x	x	x	x	Awareness	x	Office facilities	x	Vouchers		No specific focus	
					Orientation	x	Co-working		Grants		Product	
Spaces / Infrastructure	x	x	x		Networking	x	Fablabs / prototyping	x	Micro-credits		Process	x
Funding	x				Sectorial training		Labs	x	Loans		Service	
Innovation level of target group					Consulting/coaching	x	Living Labs	x	Crowd-funding		Design	x
					Specific/individual training		Learning Factory		Equity funding	x	Business model	x
					Tech transfer		Small production facilities	x	Other		Social	x
					Market research		Other				Organisation / culture	x
					Other						Digital transformation	
											Green/circular	x
											Other	
Level of expertise for service delivery												
Basic	Office and small production site											
Medium	n/a											
Advanced	emphasizes the importance of ethical norms and											
Complex	n/a											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	The vision of Mai Bine Association is represented by a world governed by solid ethical norms and principles, environmentally sustainable and socially equitable. Their mission is to contribute to the sustainable development of the local community by implementing projects under a holistic approach, on all three dimensions of sustainable development: natural environment, social environment and economic environment Inviting people to embrace the potential of sustainable development to create a better world. It emphasizes the importance of ethical norms and principles, ecological sustainability, and social equity.	Public authorities	Iasi municipality, North-East RDA
		Academia	n/a
		Private sector	Redu SRL - certified social enterprise and a reference in Romania for sustainable fashion, garments and textiles.
Main resources involved	Human Resources: Staff expertise: This includes the knowledge, skills, and experience of the NGO's employees, volunteers, and board members. People with backgrounds in relevant fields like technology, social sciences, community development, and business would be valuable assets. Beneficiary involvement: Including the target community in the innovation process can provide valuable insights into local needs and challenges.	Civil society	Various sustainability initiatives: - CUIB - is a space for sustainable consumption, unique in Romania, with multiple pioneering approaches. It contributes to sustainable development and local resilience through a holistic approach, addressing all three pillars of development – nature, society, and the economy, prioritized in this order. - Green Map of Iasi

"Alături de voi" foundation	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	x	x	x	x	Awareness	x	Office facilities	x	Vouchers	x	No specific focus	
					Orientation	x	Co-working	x	Grants	x	Product	
Spaces / Infrastructure	x	x	x	x	Networking	x	Fablabs / prototyping	x	Micro-credits	x	Process	
Funding	x	x	x		Sectorial training	x	Labs		Loans		Service	x
Innovation level of target group					Consulting/coaching	x	Living Labs	x	Crowd-funding		Design	x
					Specific/individual training	x	Learning Factory	x	Equity funding	x	Business model	x
					Tech transfer		Small production facilities	x	Other		Social	x
					Market research	x	Other				Organisation / culture	x
					Other						Digital transformation	x
											Green/circular	x
											Other	
Level of expertise for service delivery												
Basic	archiving and document storage services											
Medium	n/a											
Advanced	printing services and work protection and safety services.											
Complex	n/a											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	Level of expertise for service delivery , UtilDeco, WISE.travel, and JobDirect, which have developed over time since 2002. Its mission is to promote and develop the social economy and ensure the inclusion of people with disabilities and other vulnerable groups. In 2016 was declared the Social Entrepreneur of the Year in the international competition EY Entrepreneur Of The Year. ADV Romania implements programmes at the national and European level and is recognised as a resource centre in the field linking Eastern and Western Europe. In the last 22 years, ADV Romania has carried out over 100 projects/programmes (33 million Euro+), financed by international organisations, the European Commission and its own funds (full reinvestment of the profits generated by the social enterprises of the group). In 2019 ADV became the European Social Fund (ESF) grant administrator for 42 social enterprises established and developed in Romania. Also, in another European Commission project, ADV became a grant administrator for 5 social enterprises in the Republic of Moldova and 1 in Ukraine. In October 2020, together with the funded social enterprises, ADV launched a cluster organisation dedicated to social economy called “Accelerator of Social Enterprises” (over 70 institutions are members), to which it provides the administrative and managerial structure. The cluster is registered on the EU platform.	Public authorities	ADV has developed a cross-border centre (RO-MD-UA) for social economy and 4 Social Innovation Labs with local partners in the Republic of Moldova and Ukraine to develop the social economy sector further.
		Academia	n/a
		Private sector	social enterprises like: Util DECO, WISE.travel, AFIN
Main resources involved	● 2004 – The Youth Club – day center for children and young people from under privileged categories, including with disabilities. We teach them independent living skills in order to destroy the circle of poverty, continuously investing in education – a priceless possession of any individual! ● 2008 – UtilDeco – work integration social enterprise, having created in time more than 150 workplaces, of which more than half have been for people with disabilities and from other groups at risk. We offer archiving and document storage services, we produce protective and work equipment, printing services and work protection and safety services. ● 2016 – JobDirect – social enterprise and the first Agency for Placement and Assistance at the Workplace addressing people with disabilities. We offer services of evaluation, testing, counseling, professional capacity building, mediation and placement on the labor market, job – coaching for maintaining the workplace. ● 2017 – WISE.travel – social enterprise in the field of tourism – tour operator. Supports NGOs and social businesses by developing communities! ● 2018 –ADV Academy – we invest in education, research, public policies and social innovation in the field of social economy! The activities take place in Romania, the Republic of Moldova, Ukraine and the European Union. ● 2019 – The Social Enterprises Accelerator – grant administrator for 42 social enterprises established and developed in Romania, 5 in the Republic of Moldova and 3 in Ukraine! We multiply social enterprises and generate social and economic impact for the individual, the environment and the community! ● 2021 – together with our partners, we are preparing to launch AFIN, the first Romanian non-banking instrument addressing Romanian social enterprises!	Civil society	n/a

Academic Organization for Environmental Engineering and Sustainable Development	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature	Awareness	x	Office facilities		Vouchers		No specific focus	
	Soft support	x	x			Orientation		Co-working		Grants		Product
Spaces / Infrastructure	x	x			Networking		Fablabs / prototyping	x	Micro-credits		Process	x
Funding					Sectorial training		Labs		Loans		Service	x
Innovation level of target group Low x National leader in research and academic activities in the field of Environmental Engineering in Romania Medium x High x All of them x Level of expertise for service delivery Basic n/a Medium n/a Advanced experienced scientists forum for researchers, engineers, policymakers, and other stakeholders that discuss current and emerging environmental issues. Complex					Consulting/coaching	x	Living Labs	x	Crowd-funding		Design	
					Specific/individual training	x	Learning Factory		Equity funding		Business model	
					Tech transfer		Small production facilities	x	Other		Social	
					Market research	x	Other				Organisation / culture	
					Other						Digital transformation	x
											Green/circular	x
											Other	
SHORT DESCRIPTION					Stakeholders							
Main components of the practice	Gheorghe Asachi Technical University of Iasi Department of Environmental Engineering and Management is the national leader in research and academic activities in the field of Environmental Engineering in Romania. https://www.iceem.tuiasi.ro/ a forum for researchers, engineers, policymakers, and other stakeholders to discuss current and emerging environmental issues.				Public authorities		Local municipality					
					Academia		Gheorghe Asachi Technical University of Iasi					
					Private sector		n/a					
Main resources involved	OAIMDD might not be a separate academic department, it likely functions as a publishing or academic event organization arm under the umbrella of TUIASI's Department of Environmental Engineering and Management.				Civil society		n/a					

"Corona" foundation	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation				
	Stand-up	Start-up	Scale-up	Mature											
Soft support	x	x			Awareness		Office facilities		Vouchers		No specific focus				
					Orientation	x	Co-working	x	Grants	x	Product				
Spaces / Infrastructure	x	x			Networking		Fablabs / prototyping	x	Micro-credits		Process	x			
Funding	x	x			Sectorial training	x	Labs		Loans		Service	x			
					Consulting/coaching	x	Living Labs		Crowd-funding		Design				
Innovation level of target group					Specific/individual training	x	Learning Factory		Equity funding		Business model				
Low	x	The Foundation's activities include: Grantmaking Capacity building Technical assistance Advocacy Networking			Tech transfer		Small production facilities		Other		Social	x			
Medium	x				Market research	x	Other				Organisation / culture	x			
High	x										Digital transformation	x			
All of them	x												Green/circular	x	
Level of expertise for service delivery										Other					
Basic	offices														
Medium	expertise related to community development														
Advanced	multidisciplinary scientists, innovators														
Complex	expertise in various sectors like economics, social work,														

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	The purpose of the Corona Foundation is to determine, develop and implement programs for the development of the local community in all sectors of economic, social, cultural, educational, sports and youth and environmental life. The Foundation's mission is to contribute to the sustainable development of the local community by supporting and implementing projects in the following areas: Economic development Social development Cultural development Educational development Environmental protection	Public authorities	Local government
		Academia	n/a
		Private sector	n/a
Main resources involved	Human Resources: Staff with expertise in various sectors like economics, social work, education, environment etc. They might also collaborate with volunteers and consultants. Financial Resources: Funding for programs could come from grants, donations, fundraising events, or partnerships with businesses or government. Information Resources: Research data, reports, and expertise related to community development in different sectors. Material Resources: Depending on the project, they might require physical materials for construction, educational supplies, or equipment for events.	Civil society	The Foundation's impact on the community has been significant. The Foundation has supported over 1,000 projects that have benefited over 100,000 people. The Foundation has also helped to raise over \$10 million in funding for community development projects.

Creative industries (Hub de industrie creativa Iasi)	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation			
	Stand-up	Start-up	Scale-up	Mature										
Soft support	x	x	x		Awareness		Office facilities	x	Vouchers	X	No specific focus			
					Orientation		Co-working	x	Grants	X	Product			
Spaces / Infrastructure	x	x	x		Networking		Fablabs / prototyping	x	Micro-credits		Process	x		
Funding	x	x	x	x	Sectorial training		Labs		Loans		Service			
Innovation level of target group					Consulting/coaching	x	Living Labs	x	Crowd-funding		Design			
					Specific/individual training	x	Learning Factory		Equity funding		Business model	x		
Low	x	Experimental space with national openness and international connectivity			Tech transfer		Small production facilities	x	Other		Social	x		
Medium	x				Market research	x	Other				Organisation / culture	x		
High					Other						Digital transformation	x		
All of them											Green/circular	x		
Level of expertise for service delivery										Other				
Basic	office& test beds													
Medium	n/a													
Advanced	unique development solutions													
Complex	the only business incubator in our region													
https://creativeindustries.ro/														

https://creativeindustries.ro/

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	"CREATIVE HUB", conceptually named Iași Creative Space aims to create a temporary experimental space with national openness and international connectivity, which will connect creative industries in a space suitable for supporting young people's ideas with the help of entrepreneurs from the respective industries and supporting art, in all its forms.	Public authorities	Iasi Municipality
		Academia	Gheorghe Asachi Technical University of Iasi
		Private sector	n/a
Main resources involved	Office spaces, Creative Industries HUB Iasi" being, in fact, the only business incubator in Moldova legitimized at the Ministry of Economy, Energy and Business Environment. UNIQUENESS defines them in everything they do, therefore, excellence is not a singular act, but a habit.	Civil society	Federation of Employers in Creative Industries

Factory 4.0	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature	Awareness		Office facilities		Vouchers		No specific focus	
Soft support	X	X	X	X	Orientation		Co-working	X	Grants		Product	
Spaces / Infrastructure	X	X			Networking		Fablabs / prototyping	X	Micro-credits		Process	
Funding					Sectorial training	X	Labs	X	Loans		Service	
					Consulting/coaching	X	Living Labs	X	Crowd-funding		Design	X
Innovation level of target group					Specific/individual training	X	Learning Factory		Equity funding		Business model	
Low	X	Support for digital transformation of the companies				Tech transfer	X	Small production facilities	Other		Social	
Medium	X					Market research	X	Other			Organisation / culture	X
High	X					Other					Digital transformation	X
All of them	X										Green/circular	X
Level of expertise for service delivery											Other	
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires highly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION			Stakeholders	
Main components of the practice	The FACTORY 4.0 national initiative is positioned as a catalyst on the Romanian training and consulting market in the field of digital transformation. They have developed innovative training programs that include the latest concepts and technologies within an ecosystem that unifies the area of training, consulting and implementation of solutions through strategic partnerships with recognized technology providers.		Public authorities	n/a
			Academia	Gheorghe Asachi Technical University of Iasi
			Private sector	n/a
Main resources involved	The FACTORY 4.0 community is a platform that aims to bring together valuable people in the industry, concerned about the digital transformation of their companies.		Civil society	n/a

Imago Mol	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature	Awareness	x	Office facilities		Vouchers		No specific focus	
Soft support	X	X	x	X	Orientation	x	Co-working		Grants		Product	x
Spaces / Infrastructure	x	x	x	x	Networking	x	Fablabs / prototyping	x	Micro-credits		Process	x
Funding	x	x			Sectorial training	x	Labs		Loans		Service	x
Innovation level of target group					Consulting/coaching	x	Living Labs	x	Crowd-funding		Design	
Low		integrating digital technologies for new ecosystems in healthcare				Specific/individual training	x	Learning Factory	x	Equity funding	Business model	x
Medium	X					Tech transfer		Small production facilities		Other	Social	
High	X					Market research		Other			Organisation / culture	
All of them						Other					Digital transformation	x
Level of expertise for service delivery											Green/circular	
Basic	n/a										Other	
Medium	n/a											
Advanced	experienced scientists and technicians											
Complex	develop, manufacture, and sell medical imaging equipment											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	The North East Regional Innovative Cluster for Structural and Molecular Imaging It's a non-profit organization located in Iasi, Romania, and is the only medical imaging cluster in both Romania and the European Union.Their main objective is to support the growth of scientific competitiveness among its members and the entire North-East Region of Romania in the field of medical imaging. They achieve this by: Facilitating collaboration: They bring together researchers, medical professionals, and businesses working in the field of medical imaging. Promoting innovation: They support the development and implementation of new technologies and methodologies in medical imaging. Enhancing education and training: They offer training programs and workshops to improve the skills of medical imaging professionals. Attracting investment: They work to attract investment to the North-East Region of Romania for the development of medical imaging.	Public authorities	North - East RDA , Healthcare Providers: Hospitals, clinics, and other healthcare providers that use medical imaging technologies are stakeholders in Imago Mol. The cluster's work in promoting education and training can improve the skills of medical imaging professionals, leading to better patient care.
		Academia	Grigore T. Popa University of Medicine and Pharmacy
		Private sector	Medical Imaging Companies: These companies develop, manufacture, and sell medical imaging equipment, such as MRI machines, CT scanners, and PET scanners. Imago Mol's efforts to promote innovation and attract investment could benefit these companies by creating a larger market for their products in the North-East Region of Romania. Pharmaceutical Companies: These companies develop and manufacture drugs for medical imaging procedures. Imago Mol's focus on facilitating collaboration between researchers and medical professionals could lead to the development of new imaging techniques that require new drugs, creating opportunities for pharmaceutical companies.
Main resources involved	Imago Mol has been successful in its endeavors. They have lobbied the regional government to have eHealth and precision medicine become integrated parts of the regional innovation strategy. Additionally, they coordinate the MEDIC-NEST project, which focuses on integrating digital technologies for new ecosystems in healthcare.	Civil society	Private Research Institutions: There might be private research institutions in Iasi or the International organizations

Rural Development Research Platform	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	x	x	x	x	Awareness	x	Office facilities		Vouchers		No specific focus	
					Orientation	x	Co-working		Grants		Product	x
Spaces / Infrastructure	x	x	x	x	Networking	x	Fablabs / prototyping	x	Micro-credits		Process	x
Funding					Sectorial training	x	Labs		Loans		Service	
					Consulting/coaching	x	Living Labs	x	Crowd-funding		Design	x
Innovation level of target group					Specific/individual training	x	Learning Factory	x	Equity funding		Business model	x
Low	x	the development of systemic infrastructures			Tech transfer		Small production facilities		Other		Social	
Medium	x	based on			Market research	x	Other				Organisation / culture	x
High	x	knowledge and participatory governance for			Other						Digital transformation	x
All of them	x	the intelligent growth of rural and urban									Green/circular	x
Level of expertise for service delivery											Other	
Basic	n/a											
Medium	n/a											
Advanced	specialists in technology, sustainable development											
Complex	living lab for rural systems development											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	Scientific research. Development of fundamental, applied, and experimental research with impact in rural and urban socio-economics. - Knowledge transfer. The development of participatory knowledge projects, with a particular focus on sustainability, durability, circular economy, healthy living, environmental protection, and cultural, material, and immaterial heritage. - Systemic mapping and analysis: The development of the scientific infrastructure for the identification, analysis, and evaluation of the determining factors for the economic environment, social environment, quality of life, cultural heritage, and natural environment. - Strong, multi-stakeholder communities: The development of communities of stakeholders, following the Quadruple Helix model, engages the main actors from the academic environment, the entrepreneurial environment, governance, and civil society. - Knowledge ecosystems: the development of systemic infrastructures based on knowledge and participatory governance for the intelligent growth of rural and urban socioeconomics.	Public authorities	Iasi Municipality
		Academia	Romanian Academy - Iași Branch -"Gheorghe Zane" Institute of Economic and Social Researches
		Private sector	n/a
Main resources involved	- Mapping, analysis, monitoring, and evaluation. Activities focused on assessing the economic, social, medical, environmental, and cultural state. - Enhancing the digital capacity. Activities of digitalization and digital transformation in urban and rural systems. - Databases and data management. Activities of public opinion surveys, processing and managing small and big based on qualitative and quantitative methods. - Counseling and professional support. Activities involving counseling, certification, and development in agriculture, agricultural technologies, management, marketing, digital technologies, promotion, tourism, branding, accessing public and/or private funds, and implementing projects with public and/ or private funding. - Dissemination across the academic environment and support for policies and strategies. Activities involving writing scientific articles, studies, volumes, models of good practices, analyses, predictions, strategies, policies, and public and/ or private reports. - Training, education, and public knowledge transfer. Activities involving training, informing, specialized education, knowledge transfer, and scientific brokerage for civil society and the general public. - Facilitating communication and public collaboration. Organizing and taking part in fairs, congresses, expositions, galleries, exhibition stands, and workshops. - Ecology. Activities involving environmental protection, bioeconomics development, and circular economy. - Research and responsible innovation. Activities aimed at developing the culture of	Civil society	Food for Iasi Living Lab is a living lab for urban systems development, implemented with the support of the Cities2030 project: www.fill.rdrp.org - RoRuralia Living & Policy Lab is a living lab for rural systems development, implemented with the support of the RURALITIES project www.roruralia.rdrp.org 15 research laboratories: Urban and rural systems, Living and policy labs, Stakeholders communities, Systems thinking, Participatory governance, Urban and CRFS systems, Knowledge management, Urban living labs, Rural systems thinking, Participatory Governance, Agri-economy, Rural Anthropology, Anthrozoology, Urban Anthropology, Visual epistemology 1 Urban stakeholders community platform: Iasul in Bucate - www.iasulinbucate.rdrp.org

PTP-DIH Smart Manufacturing	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	x	x	x	x	Awareness	x	Office facilities	x	Vouchers	x	No specific focus	
Spaces / Infrastructure	x	x	x	x	Orientation	x	Co-working	x	Grants	x	Product	x
Funding	x	x	x	x	Networking	x	Fablabs / prototyping		Micro-credits		Service	x
					Sectorial training (external)		Labs (in development)	(x)	Loans		Business model	x
					Consulting/coaching (+external)	x	Living Labs		Crowd-funding		Social	
Level of expertise delivery	Innovation level of target group				Specific/individual training (+external)				Equity funding (+external)	(x)	Organisation / culture	x
Basic	x	Low			Tech transfer	x	Learning Factory		Other		Digital transformation	x
Medium	x	Medium		x	Market research	x	Small production facilities	x			Green/circular	x
Advanced (depending on sources available for external experts)												
Complex (depending on sources available for external experts)	x	High		x	Other						Other	
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hightly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION	
Main components of the practice	The Pomurje Technology Park is a DIH for Smart Manufacturing with multiple programs of support for multiple target groups, but main focus is to assist the manufacturing SMEs to introduce novel technologies and processes that result in improved quality, lower environmental impacts through digitalization (through business drivers/KPI's we identify business pains and provide/link teh needs to solutions/gains). Aside of services, network, expert knowledge we provide also premises aka infrastructure: 23 offices in 2 locations, 9 smaller production units on one location, we are in a process of introducing 3rd building (with 3 labs to enrich our concrete offer for SMEs to do the Test before Invest activities). Main consulting is on management of SMEs (marketing, finances, internationalization, LEAN, digital and green transition) - more about offer/services: https://www.linkedin.com/in/boris-nicolas-erjavec/?original_referer=https%3A%2F%2Fwww%2Egoogle%2Ecom%2F&originalSubdomain=si. The PTP team consists of 11 persons (all with minimum university degree B. Sc., 2 MSc and one PhD) offering basic consulting, coaching, mentoring on daily base. More developed support services are offered through Memorandum of Collaboration with over 40 partners coming form Slovenia as well as from abroad. The network of PTP is huge, it grows steadily with new transnational partnerships in projects and thus relations with labs like KIT, Fraunhofer (IWL), Eurecat, AFIL, ETF Belgrade..., bringing in their specific expertise. Within some projects we established relations also with foreign investors. Upon identified needs multiple trainings and workshops are performed. Renting of premises represents approx. 5-8% of annaul reventues of PTP, however pricing is convenient for SMEs, while for the services offered we strive to find public funding schemes (vouchers) to catalyze quicker SMEs uptake and introduction of novel technologies. Some supporting services are free of charge.
Owner and further stakeholders	PTP has quite own governance with low interference of the 3 public owners, municipalities: Murska Sobota, Ljutomer and Odranci. It is an Ltd. non-profit organization and is member of some associations. Its mission is to assist business community in region to develop quicker and better, it coshapes the ecosystem by contributions in form of recommendations and also transnational funding to 3rd parties (cascade funding)!   
Main resources involved	Financial: own frOm services on the market (renting, project -business plans, financial elaborates, feasibilty and other studies writing), and national and transnational public schemes/tenders - calls (grants) Human: 11 experts employed + external (hired upon needs - can also be temporarily employed by PTP or act as external experts. Being a memeber of various networks, we have access to other wide range of expert institutions and their facilities, labs, in some case we find transnational funding schemes to finance "test before invest" services for our SMEs. Infrastructure: offices and production units, soon also labs.

JR 2023-2025	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support (only SI SMEs)	x	x	x	x	Awareness	x	Office facilities		Vouchers		No specific focus	
Spaces / Infrastructure					Orientation	x	Co-working		Grants	x	Product	x
Funding (grants)	x	x	x	x	Networking	x	Fablabs / prototyping		Micro-credits		Service	x
					Sectorial training	x	Labs		Loans		Business model	x
					Consulting/coaching	x	Living Labs		Crowd-funding		Social	
Level of expertise delivery	Innovation level of target group				Specific/individual training	x	Learning Factory		Equity funding		Organisation / culture	
Basic	x	Low		x	Tech transfer	x	Small production facilities		Other		Digital transformation	x
Medium	x	Medium		x	Market research	x	Other				Green/circular	x
Advanced (external 3rd parties)	x	High		x							Other	
Complex		All of them										
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced (external experts)	requires hightly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION	
Main components of the practice	National funding scheme: Public tender for the provision of comprehensive services for potential entrepreneurs and companies through supporting institutions for the period from 2023 to 2025 in order to strengthening of entrepreneurial potential, to promote the establishment of new companies, to increase the number of newly established companies, especially those that achieve a higher added value compared to the Slovenian average, to increase the survival rate of newly established companies, to overcome obstacles on the entrepreneurial path. The services are promotion of entrepreneurial culture: (information and promotion, events SPOT Counseling) and implementation of comprehensive support services (basic SPOT consultation, trainings conducted by SPOT consultants, trainings and events conducted by business mentors, entrepreneurial mentoring). PTP is an implementing institution of this program in region of Pomurje with its staff trained as mentors to provide services to SMEs for free but upon and to agreed public funding scheme and funds available.
Owner and further stakeholders	Scheme is a part of national program for ecosystemic support governed by national Public Agency SPIRIT Slovenia (implementing body of Ministry of Economy, Tourism and Sports) with collaboration of registered local actors (PTP as a member of Pomurje SPOT consortium, together with Pomurje Chamber of economy and industry, with Development center of Murska Sobota and Pomurje Chamber of Crafts), where each partner provides specific services and all mutually address all members of each network, covering all aspects of needs in Pomurje region, and upon inquires from other regions for specific knowledge, we can asist SMEs in other regions as well (kind of mobile expert teams & experts).   
Main resources involved	Financial: for 26 months, only PTP gets 229.485,75€, out of which staff costs are 124.800€, flat rate 18.720 €, External mentors 28.655,2€ and direct sum allocated for 3rd parties services in sum of 57.310€ (average sum for these is 2750€/SME, while form previous seasons we have had max. sums reaching 9000€). BTW: total budget for whole Pomurje region (all 4 partners, 26 months) is 545.181€! Human resources: in current period, 3 employees rotate/work in the program with max 1,5FTE (again for 26 months), and we can allocate also other mentors (with special knowledge) from our JR 23-25 network from other regions to work with our

PONI (Podjetno nad izzive / Entrepreneurial challenges)	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
					Awareness	x	Office facilities	x	Vouchers		No specific focus	x
Soft support	x				Orientation	x	Co-working	x	Grants	x	Product	
Spaces / Infrastructure	x				Networking	x	Fablabs / prototyping		Micro-credits		Service	
Funding	x				Sectorial training		Labs		Loans		Business model	
					Consulting/coaching	x	Living Labs		Crowd-funding		Social	
					Specific/individual training	x	Learning Factory		Equity funding		Organisation / culture	
Level of expertise delivery		Innovation level of target group			Tech transfer		Small production facilities		Other		Digital transformation	
Basic	x	Low		x	Market research		Other				Green/circular	
Medium		Medium			Other						Other	
Advanced		High										
Compöex		All of them										
Level of expertise delivery - explanation												
Basic					can be delivered by a generalist							
Medium					requires specific but common expertise (tax law, ...)							
Advanced					requires hihgly specialised expertise/resources (lab, ...)							
Complex					requires several expert contributions							

SHORT DESCRIPTION	
Main components of the practice	4 month entrepreneurial training program to develop and realize potential entrepreneurial idea achieved through a comprehensive program that includes entrepreneurial training, mentoring and providing all-round assistance to participants. The project will take place between December 2023 and December 2028, involving 106 participants in the Pomurje region. The project objective are newly established business entities (s.p., LLC/Ltd and other forms of business entities). Candidates must have a permanent or temporary residence in the Pomurje region (up to 11 people from among all registered candidates). The public tender will be published every five months. During the duration of the project: 10 tenders will be published. Benefits for applicants: 4 - monthly regular employment; Mentoring and assistance in developing a business idea and creating a business plan; Help in realizing a business idea; Entrepreneurial training; Working with like-minded people and networking with entrepreneurs; Possibility of individual trainings.
Owner and further stakeholders	European Union through Slovene Ministry of Cohesion and Regional Development as national cofinancing authority and regional partner Development Center of Murska Sobota (https://www.rcms.si/poni) 
Main resources involved	Financial: The project is implemented within the framework of the European Cohesion Policy Program (2021-2027) in Slovenia, priority task 1: Innovation Society of Knowledge, Specific Objective RSO1.3. Strengthening the sustainable growth and competitiveness of SMEs and creating jobs in SMEs, including through productive investments (ERDF). Human: staff of Development Center of Murska Sobota Infrastructure: offices at Development Center of Murska Sobota

SPS- CEFoF (Venture capital)	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support			x	x	Awareness		Office facilities		Vouchers		No specific focus	x
Spaces / Infrastructure					Orientation		Co-working		Grants		Product	
Funding			x	x	Networking	x	Fablabs / prototyping		Micro-credits		Service	
					Sectorial training		Labs		Loans		Business model	
					Consulting/coaching	x	Living Labs		Crowd-funding		Social	
Level of expertise delivery		Innovation level of target group			Specific/individual training		Learning Factory		Equity funding	x	Organisation / culture	
Basic		Low			Tech transfer		Small production facilities		Other		Digital transformation	
Medium	x	Medium			Market research	x	Other				Green/circular	
Advanced	x	High			Other						Other	
Compöix	x	All of them		x								
Level of expertise delivery - explanation												
Basic					can be delivered by a generalist							
Medium					requires specific but common expertise (tax law, ...)							
Advanced					requires hihgly specialised expertise/resources (lab, ...)							
Complex					requires several expert contributions							

SHORT DESCRIPTION	
Main components of the practice	The Slovenian Enterprise Fund (SPS) Venture capital: financial support in the form of venture capital for fast-growing globally oriented companies; venture capital involves entry into the ownership structure and management of the company together with private investors (venture capital companies) who invest capital contributions and mezzanine loans in the company. The purpose of establishing this type of financing is to develop the existing venture capital market in Slovenia and thereby increase the number of private venture capital companies promoting equity investments in micro, small and medium-sized enterprises with the potential for rapid global growth, venture capital is available to fast-growing and globally oriented companies through the Central Europe Fund of Funds of Venture Capital (CEFoF), which was actively launched in 2018
Owner and further stakeholders	EIF, The Slovenian Enterprise Fund (SPS) & MGTŠ (https://www.podjetniskisklad.si/produkti/tvegan-kapital/) 
Main resources involved	CEFoF was designed by the EIF (European Investment Fund) in close cooperation with the governments and national agencies of Slovenia, Austria, the Czech Republic, Slovakia and Hungary with the aim of increasing equity investments in fast-growing SMEs in the Central European region. Support for companies in the phase of rapid growth with access to venture capital is provided through selected venture capital and private capital funds.

UVP Technicom	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	X	X	X		Awareness	X	Office facilities	X	Vouchers		No specific focus	
Spaces / Infrastructure	X	X	X		Orientation	X	Co-working		Grants		Product	X
					Networking		Fablabs / prototyping	X	Micro-credits		Process	X
Funding					Sectorial training	X	Labs	X	Loans		Service	
Innovation level of target group					Consulting/coaching	X	Living Labs	X	Crowd-funding		Design	X
					Specific/individual training		Learning Factory		Equity funding		Business model	X
					Tech transfer	X	Small production facilities	X	Other		Social	
					Market research		Other				Organisation / culture	
					Other						Digital transformation	X
											Green/circular	X
											Other	
Level of expertise for service delivery												
Basic	Startup center and incubation center for SME's and startups											
Medium	Busienss development, mentoring and office support											
Advanced	Funding and connection with investors and VC's											
Complex												

SHORT DESCRIPTION			Stakeholders	
Main components of the practice	In 2014, when the TUKE Startup Center was opened, activities in the field of startup support started at the Technical University. The main aim of the center is to create a motivational environment that will help not only students and employees of TUKE, but also other residents of the region in the development of their innovative ideas and potential. The TUKE startup center offers startup support in various forms, according to their current needs. This is primarily the opportunity to use the premises in the TUKE Startup Center and the necessary equipment capacities of unique professional workplaces, laboratories, and other facilities at the university for free. Also, help in creating a business plan, acquiring partners, searching for potential investors, as well as expert and mentoring support.		Public authorities	Technical University of Kosice
			Academia	
			Private sector	
Main resources involved	10 people, access to university students, office with meetingrooms		Civil society	

IaaS 4 DR - D.1.2.1 Transnational toolbox and service portfolio for innovation support

CAMPUS V (PRISMA)	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support		x	x	x	Awareness		Office facilities	x	Vouchers		No specific focus	x
Spaces / Infrastructure		x	x	x	Orientation		Co-working	x	Grants		Product	
Funding					Networking	x	Fablabs / prototyping		Micro-credits		Service	
					Sectorial training		Labs		Loans		Business model	
					Consulting/coaching		Living Labs		Crowd-funding		Social	
Level of expertise delivery	Innovation level of target group				Specific/individual training		Learning Factory		Equity funding		Organisation / culture	
Basic	x	Low		x	Tech transfer		Small production facilities		Other		Digital transformation	
Medium		Medium			Market research		Other				Green/circular	
Advanced		High			Other	x					Other	
Complex		All of them										
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hightly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION	
Main components of the practice	Vorarlberg's first stimulating entrepreneurial centre for business, knowledge and creativity. PRISMA's areas of expertiese lie in the active design of urban quaters and village centers as well as in the development, implementation and sustainable management of impuls locations for innovation, technology and creativity.
Owner and further stakeholders	The management team of the PRISMA Group is made up of seven people centred around the CEO and company founder DI Bernhard Ölz.
Main resources involved	

Junge Wirtschaft	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	x	x	x	x	Awareness		Office facilities	x	Vouchers		No specific focus	x
Spaces / Infrastructure	x	x	x	x	Orientation	x	Co-working		Grants		Product	
Funding	x	x	x	x	Networking	x	Fablabs / prototyping		Micro-credits		Service	
					Sectorial training		Labs		Loans		Business model	
					Consulting/coaching	x	Living Labs		Crowd-funding		Social	
Level of expertise delivery	Innovation level of target group				Specific/individual training		Learning Factory		Equity funding		Organisation / culture	
Basic	x	Low		x	Tech transfer		Small production facilities		Other		Digital transformation	
Medium	x	Medium		x	Market research		Other	x			Green/circular	
Advanced	x	High		x	Other	x					Other	
Complex		All of them		x								
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hightly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION	
Main components of the practice	Strong representation of interests, competent service, attractive network: Junge Wirtschaft has a lot to offer to its members. The Young Economy Vorarlberg (JWV) stands for a new culture of creating and doing. It is a network of entrepreneurs, managers, founders and business-minded people between the ages of 18 and 40. They meet regularly, network and support each other - and are of course organised as an association and non-partisan.
Owner and further stakeholders	Board 5 people, partners: Wirtschaftskammer Vorarlberg, KSV1870, Casino Bregenz, Generali Versicherung AG, Raiffeisenbanken in Vorarlberg
Main resources involved	Board 5 people, office 3 peole, partners: Wirtschaftskammer Vorarlberg, KSV1870, Casino Bregenz, Generali Versicherung AG, Raiffeisenbanken in Vorarlberg

Inovation centre INION	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	x	x	x	x	Awareness	x	Office facilities		Vouchers		No specific focus	
Spaces / Infrastructure	x	x			Orientation	x	Co-working	x	Grants		Product	x
Funding					Networking	x	Fablabs / prototyping		Micro-credits		Process	x
					Sectorial training	x	Labs		Loans		Service	x
					Consulting/coaching	x	Living Labs		Crowd-funding		Design	
					Specific/individual training		Learning Factory		Equity funding		Business model	x
Low	x	Focus mainly on private sector. Supporting SMEs, start-ups and young entrepreneurs.				Tech transfer	Small production facilities		Other		Social	
Medium	x					Market research	Other				Organisation / culture	x
High						Other					Digital transformation	x
All of them											Green/circular	
Level of expertise for service delivery											Other	
Basic	event management, office rent											
Medium	business development, digitisation, smart technologies, new trends											
Advanced	n.a.											
Complex	n.a.											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	The INION Innovation Centre takes on the role of a guide in the ecosystem of innovation activities and business development in the region, its tasks include: - Lowering barriers to entry into business. - Assistance with starting a business. - Development of entrepreneurial mindset. - Putting innovation into practice. - Support of partners in the development of business activities in the region. - Education. The structure of the Innovation Centre consists of three interconnected parts: the Technology HUB, which aims to bring business and R&D partners to the region; the incubator, which is a support platform for start-up entrepreneurs and the development of their business idea; coworking centre as an inspirational space for work and education.	Public authorities	Karlovy Vary Region City of Karlovy Vary
		Academia	Projects for future entrepreneurs, such as Time for Business, which shows high school students entrepreneurship in practice, motivates them through interesting lectures and gives them the confidence to build their own business.
		Private sector	Collaboration with tax lawyers, marketing experts, etc. to provide specific input in training sessions and individual coaching as needed. Primarily supports young entrepreneurs and start-ups. Collaboration also with smaller SMEs.
Main resources involved	A core team of 4 members plus several external experts for specific fields. Spaces for operation provided by the city of Karlovy Vary. Spaces aprox. 300 sqm: Lecture Hall, Meeting Room, Podcast Room, Exhibition Spaces, Coworking office. Budget is covered from rental income - the profit from the lease of the premises mentioned above and public funding from Regional Council (main part of funding aprox. 90%).	Civil society	Organizing events for the public about innovations in the region. Maker fair-type public events.

Research organization ILAB	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support			x	x	Awareness	x	Office facilities	x	Vouchers		No specific focus	
Spaces / Infrastructure			x	x	Orientation	x	Co-working		Grants		Product	
Funding					Networking	x	Fablabs / prototyping		Micro-credits		Process	x
					Sectorial training	x	Labs	x	Loans		Service	x
					Consulting/coaching		Living Labs		Crowd-funding		Design	
					Specific/individual training	x	Learning Factory		Equity funding		Business model	
Low	x	Focus on private and public sector. Supporting companies in health sector and tourism.				Tech transfer	Small production facilities		Other		Social	x
Medium	x					Market research	Other				Organisation / culture	x
High						Other					Digital transformation	x
All of them											Green/circular	
Level of expertise for service delivery											Other	
Basic	event management											
Medium	smart technologies, new trends											
Advanced	soil and water analyses in specialised labs											
Complex	n.a.											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	ILaB is a research institute that focuses on the following areas: ILaB is the only research institution in the Karlovy Vary region. The main R&D activities are in the fields of spas, balneology, geology, hydrogeology, balneomedicine, balneotechnics, social sciences and economics and related interdisciplinary cooperation. ILaB conducts research, disseminates research results. and cooperates with other organizations in these areas. The goal of ILaB is also to promote the development of spa treatment and balneology in the Czech Republic and to support the regional development of areas with natural healing resources.	Public authorities	Karlovy Vary Region City of Karlovy Vary Ministry of Health of the Czech Republic Czech Medical Chamber Charles University Czech Technical University in Prague University of West Bohemia in Pilsen
		Academia	
		Private sector	Medical facilities established by the state Private medical facilities Spa hotels
Main resources involved	The Institute of Spa and Balneology is a public research institution established by the Karlovy Vary Region. The institute has 12 core employees. Budget is covered from: Public Grants: 98% primarily from the Karlovy Vary Region. Other: 2% generated through selling services like contract research, consultations, reports and commercial education.	Civil society	No strong connection on strategic or operational level.

Business incubator	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support					Awareness		Office facilities	x	Vouchers		No specific focus	x
					Orientation		Co-working	x	Grants		Product	
Spaces / Infrastructure	x	x	x	x	Networking		Fablabs / prototyping		Micro-credits		Process	
Funding					Sectorial training		Labs		Loans		Service	
					Consulting/coaching		Living Labs		Crowd-funding		Design	
Innovation level of target group					Specific/individual training		Learning Factory		Equity funding		Business model	
Low		Focus mainly on private sector. Supporting all types of businesses and young entrepreneurs.			Tech transfer		Small production facilities	x	Other		Social	
Medium					Market research		Other				Organisation / culture	
High					Other					Digital transformation		
All of them	x									Green/circular		
Level of expertise for service delivery											Other	
Basic	event management											
Medium	business development											
Advanced	n.a.											
Complex	n.a.											

SHORT DESCRIPTION			Stakeholders
Main components of the practice	The EHC CZECH Ltd. company is an operator of 3 business incubators in Karlovy Vary region. KANOV Business Incubator aims to create a comprehensive support system for innovative businesses and startups in the Karlovy Vary region. Services: - Support for innovative businesses in the region. - Assistance for startups (SMEs) to launch and grow their businesses. - Facilitation of market orientation for new companies. - Creation of a protected environment for startups. - Rental of production spaces, offices and spaces suitable for organizing trainings, workshops and other meetings of a formal and informal nature.	Public authorities	Karlovy Vary Region
			Academia
			No strong connection on strategic or operational level.
Main resources involved	A core team consists of 4 members. Facilities, business incubator, consist of 4 operational halls and 2 administrative buildings in 3 cities. Headquarters in Karlovy Vary with branches in Ostrov and Cheb. Total spaces around 15.000 sqm. Income almost exclusively from rental.	Private sector	All types of businesses and entrepreneurs.
		Civil society	No strong connection on strategic or operational level.

INNUNET®	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation					
	Stand-up	Start-up	Scale-up	Mature												
Soft support			x	x	Awareness	x	Office facilities	x	Vouchers		No specific focus					
Spaces / Infrastructure					Orientation	x	Co-working		Grants		Product	x				
					Networking	x	Fablabs / prototyping		Micro-credits		Service					
Funding					Sectorial training		Labs		Loans		Business model	x				
Level of expertise delivery	Innovation level of target group				Consulting/coaching		Living Labs		Crowd-funding		Social					
					Specific/individual training		Learning Factory		Equity funding		Organisation / culture					
					Basic		Low		Tech transfer	x	Small production facilities	x	Other		Digital transformation	x
					Medium	x	Medium		Market research	x	Other	x			Green/circular	x
					Advanced	x	High		Other	x	Common exhibition (PLIC)	x			Other	
					Complex		All of them	x	Company Visits	x						
					Level of expertise delivery - explanation				Fair visits and exhibitions	x						
									Political representation	x						
Basic	can be delivered by a generalist															
Medium	requires specific but common expertise (tax law, ...)															
Advanced	requires highly specialised expertise/resources (lab, ...)															
Complex	requires several expert contributions															

SHORT DESCRIPTION	
Main components of the practice	The INNUNET® is a professional cluster, assembling divers players along the value chain of (hightech) plastics. Not only companies belong to the cluster, furthermore (political) institutions, research agencies and universities complement the growing members list. The aim of the cluster is to establish an experts network for transfer and exchange to accelerate and ease innovation in the region of the northern black forest. Additionally the visited and hosted events and fairs contribute to a stronger regional and supra-regional Network and a frequent interchange. The political representation aims to achieve a mental shift among politicians and the broader society regarding the perception of plastics. Actually there is missing a differentiation between plastics used for consumer goods and packaging and hightech plastics needed for the technical or medical applications. Recent topics focused in the network are circular economy and the reuse of materials.
Owner and further stakeholders	Technology Center Horb // Which again is owned by the City of Horb am Neckar, the district of Freudenstadt, the regional banks "Volksbank im Kreis Freudenstadt" and "Kreissparkasse Freudenstadt"
Main resources involved	Mainly managed by two persons supported by an elected steering committee consisting of 5 entrepreneurial representatives.

Digital Hub (Horb)	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	x	x	x	x	Awareness	x	Office facilities	x	Vouchers		No specific focus	
Spaces / Infrastructure	x	x			Orientation	x	Co-working	x	Grants		Product	x
Funding					Networking		Fablabs / prototyping	x	Micro-credits		Service	
					Sectorial training		Labs	x	Loans		Business model	
					Consulting/coaching	x	Living Labs		Crowd-funding		Social	
Level of expertise delivery	Innovation level of target group				Specific/individual training	x	Learning Factory	x	Equity funding		Organisation / culture	
Basic	x	Low			Tech transfer	x	Small production facilities		Other		Digital transformation	x
Medium	x	Medium			Market research		Other				Green/circular	
Advanced	x	High			Other						Other	
Complex		All of them		x								
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hihgly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION	
Main components of the practice	The digital hub initiative was established by the local government of Baden-Württemberg. The aim of this project is to lead the länd into the era of digitization. The strong economic position shall be hold and prepared for a digitalized economy in the urban areas as well as in rural areas. Therefore the 12 digital hubs analyze the regional circumstances and needs to create adequate support offers. Therefore the digital hub in Horb is cooperating with institutions and companies located in the northern black forest. The portfolio contains consulting and coaching in topics like digitization & software, digital business models or cyber security. Additionally various expert workshops and talks are organized to enable an exchange of expertises and best-practises. The opportunity for Coworking is also given at the location of the digital hub horb.
Owner and further stakeholders	Wirtschaftsförderung Nordschwarzwald GmbH is the lead project holder, the following partners are also involved: City of Horb am Neckar, Technology Center Horb, District of Freudenstadt, City of Pforzheim, Enzkreis, Kreissparkasse Freudenstadt, University of Applied Sciences Pforzheim, District of Calw, Chamber of Industry and Commerce Nordschwarzwald, Chamber of Crafts Karlsruhe, Regionalverband Nordschwarzwald
Main resources involved	A team of 2 people is representing the digital hub initiative in horb. They organize the events and run the mentioned offers. 1 large office for coworking.

Ökosystem Nordschwarzwald	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	x	x	x		Awareness		Office facilities	x	Vouchers	x	No specific focus	x
Spaces / Infrastructure	x	x	x		Orientation	x	Co-working	x	Grants		Product	
Funding					Networking	x	Fablabs / prototyping	x	Micro-credits		Service	
					Sectorial training		Labs		Loans		Business model	
					Consulting/coaching	x	Living Labs		Crowd-funding		Social	
Level of expertise delivery	Innovation level of target group				Specific/individual training	x	Learning Factory		Equity funding	x	Organisation / culture	
Basic	x	Low			Tech transfer	x	Small production facilities		Other	x	Digital transformation	
Medium	x	Medium			Market research		Other	x			Green/circular	
Advanced		High			Other		only agency and consulting	x	only agency and consulting	x	Other	
Compöex		All of them		x								
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hihgly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION	
Main components of the practice	The ecosystem bundles and mediates the different support services of its members. Due to the regional distribution of the participating organisations the offers can be found at several locations in the region of the northern black forest. The partners are part of the regional political infrastructure, chambers, companies, banks and research institutions. The aim of the ecosystem is to create an efficient and versatile portfolio of support services and collaborative partners for start-ups in different phases of development.
Owner and further stakeholders	Quadruple-helix-stakeholder: Campus Schwarzwald, Digital Hub Nordschwarzwald, EMMA Kreativzentrum Pforzheim, Entrepreneurs Pforzheim, Enzkreis, Chamber of Crafts Karlsruhe, University of Applied Sciences Pforzheim, Chamber of Industry and Commerce Nordschwarzwald, innotec Pforzheim, District of Calw, District of Freudenstadt, membratech®, priomold, Sparkasse Pforzheim-Calw, Cities of Calw, Freudenstadt, Horb a.N., Mühlacker and Nagold, Steinbeis Research Institute, Technology Center Horb, Volksbank Pforzheim, Wirtschaftsförderung Nordschwarzwald, Wirtschaftsunioren Nordschwarzwald, Wirtschaft und Stadtmarketing Pforzheim (City of Pforzheim)
Main resources involved	Several office and meeting rooms, prototyping labs provided by the different members (varying amount)

Design Factory (HS Pf)	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	x	x	x		Awareness	x	Office facilities	x	Vouchers		No specific focus	x
Spaces / Infrastructure	x	x	x		Orientation	x	Co-working	x	Grants		Product	
Funding	x	x	x		Networking	x	Fablabs / prototyping	x	Micro-credits		Service	
					Sectorial training		Labs	x	Loans		Business model	
					Consulting/coaching	x	Living Labs		Crowd-funding		Social	
Level of expertise delivery	Innovation level of target group				Specific/individual training		Learning Factory	x	Equity funding		Organisation / culture	
Basic	x	Low			Tech transfer	x	Small production facilities		Other	x	Digital transformation	
Medium	x	Medium			Market research	x	Other		only agency and consulting	x	Green/circular	
Advanced		High			Other	x					Other	
Complex		All of them	x		Education	x						
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hightly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION	
Main components of the practice	The Design factory is part of the university pforzheim. Therefore its objective is the entrepreneurial education and training of the students, to enable them founding their own start-up. According to this the young entrepreneurs are coached and advised, concerning the founding steps and different opportunities of funding. Companies are interconnected with this start-ups and research projects fitting their business model.
Owner and further stakeholders	University of Applied Sciences Pforzheim
Main resources involved	Team of 13 persons. Maker Space, Coworking space, Creative space, Video- and Podcastlaboratory

Campus Schwarzwald	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support				x	Awareness		Office facilities		Vouchers		No specific focus	
Spaces / Infrastructure	x	x			Orientation		Co-working		Grants		Product	x
Funding					Networking	x	Fablabs / prototyping	x	Micro-credits		Service	
					Sectorial training		Labs	x	Loans		Business model	
					Consulting/coaching		Living Labs		Crowd-funding		Social	
Level of expertise delivery	Innovation level of target group				Specific/individual training		Learning Factory	x	Equity funding		Organisation / culture	x
Basic	x	Low			Tech transfer	x	Small production facilities		Other		Digital transformation	x
Medium	x	Medium			Market research		Other	x			Green/circular	x
Advanced	x	High			Other	x	Study facilities	x			Other	
Complex		All of them	x		Young Talents	x						
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hightly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION	
Main components of the practice	The aim of the campus schwarzwald is to establish a center for teaching, research and technology transfer in the mechanical engineering and manufacturing industry with a focus on digitalization, leadership and sustainability. According to this objective students shall be provided with theoretical and practical insights into regional SMEs. Next to technical expertise knowledge, management skills will be taught. The regional companies benefit from the opportunity of business-related research and advanced trainings. The large laboratory allows (collaborative) research on future topics. Additionally interestet companies and startups can participate in several funding projects or use the campus infrastructure like coworking spaces for their own business purposes.
Owner and further stakeholders	
Main resources involved	800 m2 lab, coworking facilities and meeting rooms. Team of 13 persons.

FACULTY OF FOOD TECHNOLOGY, OSIJEK	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support					Awareness		Office facilities		Vouchers		No specific focus	
Spaces / Infrastructure					Orientation		Co-working		Grants		Product	x
Funding					Networking	x	Fablabs / prototyping	x	Micro-credits		Service	x
					Sectorial training		Labs	x	Loans		Business model	
					Consulting/coaching		Living Labs		Crowd-funding		Social	
Level of expertise delivery	Innovation level of target group				Specific/individual training	x	Learning Factory		Equity funding		Organisation / culture	
Basic		Low			Tech transfer	x	Small production facilities	x	Other		Digital transformation	
Medium		Medium			Market research		Other				Green/circular	x
Advanced		High			Other						Other	
Compōex		All of them										
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hihgly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION	
Main components of the practice	Faculty of Food Technology Osijek has long-term experience in education, both on higher education level, and life-long learning courses. Along with education in the field of food processing, nutrition, biotechnology and chemistry, scientists at the Faculty are well experienced in the scientific research in these fields. The Faculty is also experienced in the technical-technological solutions (design of process in the food industry), development of new food products, food analysis, nutritive aspects, extractions of bioactive components, modelling and optimization of processes etc. The Faculty is equipped with laboratory/semi-industrial equipment for extruded snacks, pasta, beer, strong alcoholic drinks, vinegar, chocolate production, green extraction techniques etc.
Owner and further stakeholders	Public
Main resources involved	

TERA Tehnopolis, OSIJEK	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	X	X	X		Awareness	x	Office facilities	x	Vouchers	x	No specific focus	
Spaces / Infrastructure		X	X		Orientation	x	Co-working	x	Grants		Product	x
Funding					Networking	x	Fablabs / prototyping	x	Micro-credits		Service	x
					Sectorial training		Labs		Loans		Business model	x
					Consulting/coaching	x	Living Labs		Crowd-funding		Social	
Level of expertise delivery	Innovation level of target group				Specific/individual training	x	Learning Factory		Equity funding		Organisation / culture	
Basic	X	Low			Tech transfer	X	Small production facilities		Other		Digital transformation	x
Medium	X	Medium			Market research		Other	X			Green/circular	x
Advanced	X	High			Other	X					Other	x
Compōex		All of them	X									
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hihgly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION	
Main components of the practice	TERA Tehnopolis business incubator offers office premises as well as access to a co-working space. It targets mainly entrepreneurs and startups in the creative and digital industries. In addition to the infrastructure and various office equipment (copiers, video projectors, smart boards), the tenants have at their disposal advisory and consulting support in the field of intellectual property protection, financing options, business planning and internationalization of business, as well as business management issues in the domain of finance when realizing entrepreneurial ideas, accounting and advisory services for legal issues. Most entrepreneurial topics are regularly covered through trainings and expert keynotes. The access to offices and co-working are provided on a close to market price. Basic support services are free of charge. Incubents get vouchers for accessing specialised support services.
Owner and further stakeholders	Business incubator is run by the company TERA Tehnopolis d.o.o. Osijek and the company is jointly owned by the University of Josip Juraj Strossmayer Osijek, Croatia, the City of Osijek and Osječko-baranjska County.
Main resources involved	TERA business incubator consists of 18 offices, 12 workstations, a 3D laboratory, a seminar room and a small meeting room.

BUSINESS INCUBATOR	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
BIOS, OSIJEK					Awareness	x	Office facilities	x	Vouchers		No specific focus	
Soft support	x	x	x		Orientation		Co-working	x	Grants		Product	x
Spaces / Infrastructure		x	x		Networking	x	Fablabs / prototyping	x	Micro-credits		Service	x
Funding					Sectorial training	x	Labs		Loans		Business model	
					Consulting/coaching	x	Living Labs		Crowd-funding		Social	
Level of expertise delivery				Innovation level of target group	Specific/individual training	x	Learning Factory		Equity funding		Organisation / culture	
Basic	x	Low			Tech transfer		Small production facilities	x	Other	x	Digital transformation	x
Medium	x	Medium			Market research	x	Other				Green/circular	x
Advanced	x	High			Other						Other	
Complex		All of them	x									
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires highly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION	
Main components of the practice	Business incubator BIOS offers office premises as well as access to a co-working space. It targets mainly entrepreneurs and startups in the ICT industries. The incubator team (5 persons) offers basic consulting and administrative services and interacts with tenants on regular basis. More developed support services are offered in collaboration with regional partners and mentors. Most entrepreneurial topics are regularly covered through trainings and workshops. The access to offices and co-working are provided on a subsidized price. All support services and workshops organized by BIOS are free of charge.
Owner and further stakeholders	Owner of Business incubator BIOS is City of Osijek.
Main resources involved	Team of 5 persons to run the incubator. Partners from Centre for Entrepreneurship Osijek, Faculty of Economy Osijek, other faculties and support institutions help us in the implementation of projects, workshops and mentoring tenants. Three buildings with a total area of 5000 m2, including two conference rooms (100 m2 i 50 m2) two kitchens, two smaller meeting rooms, co-working space, and hardware laboratory equipped with 7 industrial 3D printers, CNC machine, laser machine and other tools for rapid prototyping.

TECHNOLOGY INCUBATOR NOVA GRADIŠKA	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	+	+	+	+	Awareness	+	Office facilities	+	Vouchers		No specific focus	
Spaces / Infrastructure	+	+	+	+	Orientation	+	Co-working	+	Grants		Product	+
Funding					Networking	+	Fablabs / prototyping		Micro-credits		Service	
					Sectorial training	+	Labs		Loans		Business model	
					Consulting/coaching	+	Living Labs		Crowd-funding		Social	
Level of expertise delivery		Innovation level of target group			Specific/individual training	+	Learning Factory		Equity funding		Organisation / culture	
Basic		Low			Tech transfer	+	Small production facilities	+	Other	+	Digital transformation	
Medium		Medium			Market research	+	Other				Green/circular	
Advanced	+	High			Other						Other	
Compóex		All of them		+								
Level of expertise delivery												
- explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hihgly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION		
Main components of the practice	The TECHNOLOGY INCUBATOR NOVA GRADIŠKA offers office premises as well as access to a co-working space. It primarily targets entrepreneurs and startups in the creative and digital industries. provides basic consulting and regularly interacts with each resident. services are offered in collaboration with regional partners, incorporating their specific expertise. regularly covered through trainings and expert keynotes. spaces is provided at prices close to market rates. free of charge.	The incubator team More advanced support Most entrepreneurial topics are Access to offices and co-working Basic support services are offered
Owner and further stakeholders	Owned and operated by the Industrial Park Nova Gradiška Ltd, which acts as the local development agency for the City of Nova Gradiška.	
Main resources involved	A dedicated team of 7 people is responsible for managing and operating the incubator, including administration, consulting, and support services. Advisors and experts provide on-site support to startups and entrepreneurs. The incubator includes a state-of-the-art facility with modular office and production spaces designed to meet various business needs. This includes: -A building offering 485 m² of modular office space, consisting of 22 offices of various sizes equipped with connectivity options. -Production and service spaces totaling 3,250 m², divided into 28 spatial units also of varying sizes and with connectivity options. -A conference hall of 84 m², suitable for organizing a wide range of events such as seminars, conferences, meetings, exhibitions, presentations, and the like. Furthermore, the incubator has access to a network of regional partners and uses advanced technology infrastructure to encourage innovation and high-tech development within the resident companies.	

POŻEGA BUSINESS INCUBATOR	LIFECYCLE						Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature	Soft support							
Soft support	x	x	x	x	Awareness	x	Office facilities	x	Vouchers		No specific focus	
Spaces / Infrastructure	x	x	x		Orientation	x	Co-working	x	Grants		Product	
Funding					Networking	x	Fablabs / prototyping		Micro-credits		Service	
					Sectorial training		Labs		Loans		Business model	
					Consulting/coaching	x	Living Labs		Crowd-funding		Social	
Level of expertise delivery	Innovation level of target group				Specific/individual training	x	Learning Factory		Equity funding		Organisation / culture	
Basic		Low			Tech transfer		Small production facilities	x	Other		Digital transformation	
Medium	x	Medium			Market research		Other	x			Green/circular	
Advanced		High			Other						Other	
Complex		All of them										
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires highly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION	
Main components of the practice	Požega Business Incubator offers office and production premises as well as access to a co-working space. It targets entrepreneurs and startups in most industries with focus on production and creative and digital industries. The incubator team (10 persons) offers basic consulting and interacts bilaterally/multilaterally with each incubent on regular basis. Consulting and specific trainings are provided by partner organisation HAMAG BICRO which is also resident of the incubator. The access to offices is provided on a scale basis depending on years past in premises all the way to the market prices in the last years of the contract. Co-working premises are provided on the market price. Market prices are rather defined by internal documents than real market fluctuation and are lower. Basic support services are free of charge. Conference room is provided to residents free of charge and it could be provided to others on market prices basis.
Owner and further stakeholders	Run by the Local Development Agency Požega established by City of Požega.
Main resources involved	Team of 10 persons to run the incubator. 10 Offices, 4 production halls, Conference room for up to 50 persons, co-working space, kitchenette. Partner organisation HAMAG BICRO resident.

Faculty of Electrical Engineering, Computer Science and Information Technology Osijek	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
					Awareness		Office facilities		Vouchers		No specific focus	
	Soft support				Orientation		Co-working		Grants		Product	x
	Spaces / Infrastructure				Networking	x	Fablabs / prototyping	x	Micro-credits		Service	x
	Funding				Sectorial training		Labs	x	Loans		Business model	
					Consulting/coaching		Living Labs		Crowd-funding		Social	
	Level of expertise delivery		Innovation level of target group		Specific/individual training		Learning Factory		Equity funding		Organisation / culture	
	Basic		Low		Tech transfer	x	Small production facilities		Other		Digital transformation	x
	Medium		Medium		Market research		Other				Green/circular	x
Advanced		High		Other	x					Other		
Compöex		All of them										
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hightly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION	
Main components of the practice	The Faculty of Electrical Engineering, Computer Science and Information Technology Osijek is one of the three technical faculties of the Josip Juraj Strossmayer University of Osijek. The main areas of expertise are: renewable energy sources and energy efficiency, mathematical modelling and optimization in power and electro-mechanical engineering, intelligent energy networks, image and video processing, intelligent control systems and robotics, wireless communication systems, communications networks and next-generation network services, applications and software quality, applied computational intelligence, embedded as well as distributed and ubiquitous computer systems. The main component of practice: education, research and innovation, cooperation with economy and industry, international collaboration, linking research and teaching. Education-The Faculty carries out the study programmes at three higher education levels, namely university and professional undergraduate, graduate and postgraduate level in the fields of electrical engineering, computing and information technology. All study programmes are frequently harmonised with the current labour market needs in order for our students to acquire competencies and skills that will prepare them for the labour market. Research and innovation: Research activities at the Faculty of Electrical Engineering, Computer Science and Information Technology Osijek are oriented to current global trends in research and development and are focused on the creation of new knowledge through research in the fields of computer science, information and communication technologies, automation, power engineering, electrical machines and the automotive industry. Researchers at FERIT are involved as project leaders or team members in a number of scientific and development projects that generate new knowledge and innovations and facilitate the knowledge transfer from the university to the industry. The competences gained through research activities enable the Faculty to impart state-of-the-art knowledge, while the involvement of students in these activities introduces them to the world of new technologies. Research activities are aligned with global trends and strategic priorities such as the European Green Deal and digital transformation. Cooperation with Economy and Industry: The Faculty continuously invests in collaboration with industry and leading electrical engineering and ICT companies in order to promote entrepreneurship, knowledge transfer, and technology transfer. Participation in projects aimed at improving study programs and enhancing the quality of research activities. Mentioned cooperation is reflected in engagement in research and development projects with industry partners to address common objectives related to job creation, economic growth, and innovation. International Collaboration: FERIT has participated as either the lead beneficiary or partner in more than 50 national and international projects from 2008 until now. FERIT successfully implemented projects funded by various sources such as European Structural and Investment Funds, Horizon 2020, and Interreg IPA Cross-border Cooperation Programmes. FERIT also continuously cooperates with international partners in order to promote innovation, and advance digital technologies, and strives to align research topics with European Union strategic priorities, particularly focusing on environmentally friendly technologies, artificial intelligence, and cybersecurity. Linking Research and Teaching: FERIT aims to integrate research activities into teaching and provide students with state-of-the-art knowledge and practical skills. It also invests efforts in involvement of students in research projects to introduce them to new technologies and enhance their competencies.
Owner and further stakeholders	Faculty of Electrical Engineering, Computer Science and Information Technology Osijek is a public institution. The founder of the Faculty is the Josip Juraj Strossmayer University of Osijek.
Main resources involved	The Faculty has six departments with 56 PhD scientists and of around 2000 students. There are over 20 laboratories, among which the Laboratory for Renewable Energy Sources as well as two accredited the Electromagnetic Compatibility Laboratories and the Laboratory for High Frequency Measurements stand out. One of the constituent units of the Faculty is the Office for International Cooperation, Scientific and Research Projects which has more than seven years of experience in preparing and implementing projects financed by the European Union funds (IPA II, IPA IV, Interreg, ESF, ERDF). The main tasks of the Office is to coordinate, manage and implement projects. Furthermore, the Accounting and Finance Office uses the systematic methods of accounting, analytical accounting and registering and provides accounting and financial support for the preparation and implementation of projects.

Centre for Research, Development & Innovations (CRDI), Slavonski Brod	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature	Awareness		Office facilities		Vouchers		No specific focus	
Soft support	x				Orientation		Co-working	X	Grants		Product	X
Spaces / Infrastructure					Networking	X	Fablabs / prototyping	X	Micro-credits		Service	X
Funding					Sectorial training	X	Labs	X	Loans		Business model	
					Consulting/coaching	X	Living Labs		Crowd-funding		Social	
Level of expertise delivery	Innovation level of target group				Specific/individual training	X	Learning Factory		Equity funding		Organisation / culture	X
Basic	x	Low			Tech transfer	X	Small production facilities		Other		Digital transformation	X
Medium		Medium			Market research	X	Other				Green/circular	
Advanced		High			Other						Other	
Compöex		All of them										
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hihgly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION

Main components of the practice	Centre for Research, Development & Innovations (CRDI) / Centar za razvoj, istraživanjei inovacije (CIRI) operates within The Mechanical Engineering Faculty (MEFSB) in Slavonski Brod (member of The University of Slavonski Brod). Although not registered as business support organisation, it play the significant role in metal-processing industry in NUT2 Panonian Croatia (ref. to The Industrial Transition Plan for Panonian Croatia). MEFSB is organized in five departments, covering specific areas related to mechanical engineering: The Department for Materials Engineering include activities in the field of materials (metal and non-metal), heat treatment and tribology; comprised by the Laboratories for Mechanical Testing, Metallographic Testing, Chemical Testing, Heat Treatment/Thermal Measurement and Tribology. The Department is in the process for accreditation of the Laboratory for Materials Testing at HAA (Croatian Accreditation Agency). The equipment used in the Laboratory is regularly calibrated according to EN ISO 17025. This provides the validity of results, as well as their comparison with the results acquired in other institutions during scientific research: https://sfsb.unisb.hr/about/competences/competences-of-department-for-materials-engineering/ The Department for Production Engineering conducts scientific research in the field of production procedures and modern mechanical engineering technologies; consists of three chairs: Chair for Polymers Processing and Casting, Chair for Chip-forming and Deforming, Chair for Welding and Surface Protection. Department has 6 laboratories that are used for education, scientific and research activities, as well as for cooperation with enterprises: https://sfsb.unisb.hr/about/competences/competences-of-department-for-production-engineering/ The Department for Industrial Engineering consists of two chairs: Process Planning and Production Management; Maintenance and Computer Integrated Manufacturing. The Department has five Laboratories for: ERP systems and TCR (Tele-Conference Room), System Modelling and Process Control, Computer Aided Process Planning (CAPP) and Computer Aided Design (CAD), Computer Integrated Manufacturing (CIM) and Maintenance, and Rapid Prototyping. Various instrumentation and training programmes are available to enterprises: https://sfsb.unisb.hr/about/competences/competences-of-department-for-industrial-engineering/ The Department for Mechanical Design offers the complete analysis during development and design of the product: structure design by using CAD tools, calculation and analysis of structures by using analytic expressions and numeric methods (Finite element method) with structure optimisation and development of different methods for evaluation of single design solution, experimental analysis of finished products and models through planning of experiments. The Department has six laboratories that are used for education, scientific and research activities, as well as cooperation with the economy: https://sfsb.unisb.hr/about/competences/competences-of-department-for-mechanical-design/ The Department for Energetics educates students who will have the knowledge and skills necessary for research, development, introduction and application of new methods and tools in the design, manufacture, reconstruction, installation and maintenance of power plants. The scientific research activity is focused on the areas of heat transfer with phase change, thermodynamics, fluid mechanics and aerodynamics, electrical engineering and renewable energy sources. Industrial sectors of application: Design and product development, Optimisation, Heavy industry, Processing industry, Light industry. The Department offers the following services: Functional analysis of product; Analytical and Numerical (Computational Fluid Dynamics) computation of product; Eco-design in field of mechanical engineering and electrical engineering; Electrotechnical part of energy inspections of buildings, systems and public lighting; Energy certification of buildings, systems and public lighting etc.: https://sfsb.unisb.hr/about/competences/department-for-energetics/
Owner and further stakeholders	Centre for Research, Development & Innovations (CRDI) operates within the University of Slavonski Brod, public higher education and research organisation. The infrastructure and equipment is available at three locations in Slavonski Brod, NUTS3 Brod-posavina County. Main Project Design and Technical Documentation for the new CRDI building (2700 sqm) had been prepared and Building Permit issued in September 2022.
Main resources involved	45 experts in specific fields of expertise with focus on mechanical engineering. Classrooms and laboratories equipped with various equipment, devices, hardware and softwares to provide collaborative R&D projects with private sector.

PBN & am-LAB & at.home	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support			x		Awareness	x	Office facilities		Vouchers	x	No specific focus	
					Orientation	x	Co-working		Grants		Product	x
Spaces / Infrastructure				x	Networking	x	Fablabs / prototyping		Micro-credits		Process	x
Funding	x				Sectorial training	x	Labs		Loans		Service	x
					Consulting/coaching	x	Living Labs	x	Crowd-funding		Design	x
Innovation level of target group					Specific/individual training	x	Learning Factory	x	Equity funding		Business model	x
Low		PBN work with its target groups from low to high level. It supports clients from idea to prototype phase.			Tech transfer	x	Small production facilities	x	Other		Social	x
Medium					Market research	x	Other: test environment	x			Organisation / culture	
High					Other						Digital transformation	x
All of them	x										Green/circular	x
Level of expertise for service delivery											Other	
Basic	eventmanagem can be delivered by a generalist											
Medium	networking, cor requires specific but common expertise (tax law, ...)											
Advanced	amLAB, at.hom requires hihgly specialised expertise/resources (lab, ...)											
Complex	amLAB, at.hom requires several expert contributions											

SHORT DESCRIPTION

Main components of the practice	PBN has ecosystem-oriented approach in the implementation of knowledge transfer, realized in a broad European partnership. Main activities are - Entrepreneurial knowledge transfer: mentoring and training opportunities, calls for tenders, international study visits, implementation of R&D developments - Ecosystem development: professional programs, pilot implementation - Policy document development: support in development of calls for proposals, development of policy documents am-LAB is a research, development, and training laboratory focusing on application of digitalization in manufacturing and product development. It provides a holistic physical environment to meet unique business needs with cutting edge technology. at.home is a unique demonstration and test environment, a research & development infrastructure that facilitates the implementation of product and service development in the field of senior care.	Stakeholders	
		Public authorities	Municipalty of Szombathely Municipality of Vas County social care centres
		Academia	ELTE - Eötvös Lóránd University - Savaria University Centre PTE ETK - University of Pécs, Faculty of Health Sciences ÓE - University of Óbuda FH Burgenland - University of Applied Sciences
		Private sector	businesses - SMEs and multinational companies from manufacturing and medtech sector service providers e.g. visual solutions, manufacturers private nursing homes and healthcare actors
Main resources involved	30 people work in total at PBN (50% engineers 50% economists with different expertise) am-LAB offers a 200m2 laboratory space for industry 4.0 solutions 0(robotics, xR, 3D technologies, data analysis) and a teaching and learning factory (TLF) for demo and R&D purposes. at.home offers a 50m2 demo and testing facility for assistive technologies at home care. Budget is covered by project-based competitive fundings (95%) and business services (5%).	Civil society	citizens, public organisations, patient groups Citizens are invited for an Open Day (Researchers' Night) once a year an besides this there's demonstration, career orientation events on demand (1000+ visitors per year). At.home leads the Silver Club, a civil community with senior citizens who take part in testings.

ZalaZONE	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support			x		Awareness		Office facilities	x	Vouchers		No specific focus	
Spaces / Infrastructure				x	Orientation		Co-working		Grants		Product	x
					Networking		Fablabs / prototyping		Micro-credits		Process	x
Funding					Sectorial training		Labs	x	Loans		Service	x
Innovation level of target group					Consulting/coaching	x	Living Labs	x	Crowd-funding		Design	
					Specific/individual training		Learning Factory		Equity funding		Business model	
Low					Tech transfer	x	Small production facilities		Other		Social	
Medium	x				Market research		Other:	x		Organisation / culture		
High	x				Other		vehicle industry test track			Digital transformation		
All of them										Green/circular		
								Other: automotive, energy, agricultural and defense innovation		x		
Level of expertise for service delivery												
Basic	x	can be delivered by a generalist										
Medium	x	requires specific but common expertise (tax law, ...)										
Advanced	x	requires hihgly specialised expertise/resources (lab, ...)										
Complex	x	requires several expert contributions										

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	ZalaZONE Automotive Proving Ground has a key importance as a complex and integrated Research & Development facility which supports customers and experimental developments. The hub of innovation activities related to ZalaZONE is its Research and Technology Centre. Here joint research projects of the Budapest University of Technology & Economics, the University of Győr, the University, of Pannonia and other higher education partners take place. The Centre is located just beside the proving ground. It was opened in 2019 and functions as an incubator/accelerator for SMEs and start-ups as well as university based R&D centre, for Hungarian, regional, European, and global university and industrial partners.	Public authorities	Széchenyi István University of Győr Budapest University of Technology & Economics University of Pannonia
		Academia	
		Private sector	
Main resources involved	vehicle industry test track on 265 hectares	Civil society	

arian Startup University Pro	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support		x			Awareness	x	Office facilities		Vouchers		No specific focus	x
Spaces / Infrastructure		x			Orientation	x	Co-working	x	Grants	x	Product	
Funding		x			Networking	x	Fablabs / prototyping		Micro-credits		Process	
					Sectorial training	x	Labs	x	Loans		Service	
					Consulting/coaching	x	Living Labs	x	Crowd-funding		Design	
					Specific/individual training	x	Learning Factory	x	Equity funding		Business model	
					Tech transfer		Small production facilities		Other		Social	
					Market research	x	Other				Organisation / culture	
					Other						Digital transformation	
											Green/circular	
Level of expertise for service delivery											Other	
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hihgly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	The Hungarian Startup University Program (HSUP) is Hungary's first higher education-level startup program. The HSUP aims to introduce Hungarian students to the world of innovation, modern entrepreneurship and start-ups in particular, through a new common educational platform. In the Hungarian Startup University Program students can learn through interactive, playful learning materials and personalised content. HSUP is a two-semester e-learning course, with the first semester focusing on innovative thinking and learning about the startup world, and the second semester on practical knowledge of building a business. At the end of the 2nd semester, students can present their idea and the MVP to investors	Public authorities	National Innovation Agency
		Academia	33 universities
		Private sector	business partners
Main resources involved	14.000 students, 33 universities and more than 40 business partners	Civil society	

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	Moholy-Nagy University of Art and Design (MOME) has set an ambitious goal to be the leading creative industry and innovation hub in Central and Eastern Europe by 2030. To compliment the university's efforts to achieve this goal, they have launched a design-driven incubation program to aid young innovators, researchers, and aspiring entrepreneurs in Hungary. Anyone may apply to participate in the incubation program, regardless of one's age, educational background, discipline, industry, or field of study. They search for early-stage entrepreneurial ideas that are focusing on designing impactful solutions that are connected to circularity and well-being. They further support their activities with events such as hackathons and bootcamps.	Public authorities	
		Academia	Moholy-Nagy University of Art and Design (MOME), 5 Alumni teams
		Private sector	mentors, experts, SMEs, startups
Main resources involved	3 people are running the project with 18 mentors and experts.	Civil society	

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	• Access to know-how. Mentoring support of experts in different areas (Multimedia, Graphic design, Web design, Digital technologies, Gaming industry, Legal affairs, Softwares, 3D modelling, etc.). • Access to new technologies. 3D Rapid prototyping (3D printer) – Ultimaker S3; CNC router 4-axis wood and metal processing; Audio/Video devices: Cameras, streaming devices, drone, lightning and microphones, Editing PCs, MF printer/scanner. • Logistics support. Multimedia studio (35m2), Maker space (24 m2), equipped Co-working space (160 m2), Incubation spaces (manufacturing and creative industry). • Networking and Facilitation. Local, regional, global (European Network of Living Labs). • Access to public support services. Technical assistance in the process of submission of applications and implementation.	Public authorities	Regional/entity Republic of Srpska level - Ministry for Scientific-Technological Development, Higher Education and Information Society of the Republic of Srpska, Ministry of Education and Culture of the Republic of Srpska, Ministry of Economy and Entrepreneurship of the Republic of Srpska, Republic Agency of Republic of Srpska, Innovation Center of Banja Luka, Chamber of Commerce of Republika Srpska; City of Prijedor authorities
		Academia	The Development Agency PREDA collaborates closely with the University of Banja Luka and Apeiron University in Banja Luka. The teaching staff from these universities bolster PREDA's educational programs by offering mentoring, IT training, and practical work sessions in the Fab lab.
		Private sector	The Development Agency PREDA also maintains a robust collaboration with representatives from the private sector. These industry professionals contribute significantly to PREDA's programs by providing mentorship, sharing expertise in IT training, and facilitating hands-on experience in areas such as prototype development within the Fab lab. This partnership not only brings real-world business insights and practices into the educational and developmental initiatives of PREDA but also fosters a dynamic environment where participants can gain practical skills and understanding directly relevant to current market demands. Through such collaborations, PREDA strengthens its ecosystem, offering a bridge between the academic, private, and public sectors to support innovation and entrepreneurship.
Main resources involved	The "Entrepreneurial Incubator" within Prijedor contains 11 spaces ranging from 48m² to 230m², owned by the City of Prijedor and managed by the Development Agency PREDA. Similarly, the "Business Incubation Center (BIC)" features 11 office spaces of 13 and 19 square meters each, designed for conventional office use. The coworking and IT training area includes 10 workstations equipped with computers, alongside a meeting room and a smaller workshop area for representatives of the Development Agency and its users. The Maker space is furnished with essential equipment for prototype development, including CNC machine and 3D printers. The multimedia studio is equipped for producing multimedia content, featuring cameras, photo cameras, computers for editing and post-production, lighting, and sound equipment. The development team consists of four permanent members funded by the City of Prijedor's budget, with additional workers hired for projects executed by the Development Agency PREDA.	Civil society	Within our framework of collaboration, we have established strong partnerships with clusters organized as civil society organizations, emphasizing joint efforts in workshops and seminars. We actively involve citizens in our coworking space, engaging them in various types of meet-up communications. These sessions focus on key areas such as the creative industry, technologies, and business models, facilitating an inclusive platform for exchange and learning.

Center for Development	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature	Awareness	X	Office facilities	X	Vouchers		No specific focus	X
Soft support	X	X			Orientation		Co-working		Grants		Product	
Spaces / Infrastructure					Networking		Fablabs / prototyping		Micro-credits		Process	
Funding					Sectorial training	X	Labs	X	Loans		Service	X
Innovation level of target group					Consulting/coaching	X	Living Labs		Crowd-funding		Design	
					Specific/individual training		Learning Factory		Equity funding		Business model	
					Tech transfer		Small production facilities		Other		Social	
					Market research		Other				Organisation / culture	
					Other						Digital transformation	
											Green/circular	
											Other	X
Level of expertise for service delivery												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hihgly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	The Centre for Development and Research Support, formerly The Center for Entrepreneurship and Technology Transfer, coordinates research projects in the field of entrepreneurship, mediates cooperation between the University and the economy, provides support to innovators and enterprising young people in the elaboration and development of business ideas, provides consulting services, etc. The Center provides support for most projects based on inovation activities.	Public authorities	University of Banja Luka Regional/entity Republic of Srpska level - Ministry for Scientific-Technological Development, Higher Education and Information Society of the Republic of Srpska, Ministry of Education and Culture of the Republic of Srpska, Ministry of Economy and Entrepreneurship of the Republic of Srpska, Government of the Republic of Srpska City of Banja Luka
		Academia	Collaboration with University for supporting startups coming from University and teaching entrepreneurship. Teaching staff of University supports incubator with specific technical expertise as needed.
		Private sector	The Center organizes and coordinates the implementation of patenting, licensing and knowledge transfer procedures between the educational sector and the economy, and organizes and coordinates the implementation of marketing activities related to technology and knowledge transfer.
Main resources involved		Civil society	Not much interaction with citizens

Orange Fab Romania	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature	Awareness	x	Office facilities		Vouchers		No specific focus	
Soft support	x	x	x		Orientation	x	Co-working	x	Grants		Product	x
Spaces / Infrastructure	x	x	x		Networking	x	Fablabs / prototyping	x	Micro-credits		Process	x
Funding	x	x	x		Sectorial training	x	Labs		Loans		Service	x
Innovation level of target group					Consulting/coaching	x	Living Labs		Crowd-funding		Design	x
					Specific/individual training	x	Learning Factory		Equity funding		Business model	x
					Tech transfer		Small production facilities		Capital funds		Social	
					Market research		Other		Other		Organisation / culture	
					Other						Digital transformation Green/circular	
											Business developement	x
Level of expertise for service delivery											Other	
Basic	Offices and meeting rooms (co-working)											
Medium	n/a											
Advanced	Community builders, investment experts											
Complex	Start-up suport and capital funds											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	Orange Fab Romania is a startup program which is looking for start-ups in Romania with mature innovative products that improve people's lives and set a trend on how people will live in the future. The startups receive access to technologies and APIs to further develop their projects, support in testing the products in real-life scenarios and access to the Orange distribution network for further expanding their business. The teams accepted in the program will receive support for client pilot projects, to validate their product and the market's interest. The selected entrepreneurs receive early access to the newest technologies from Orange and partners, to improve their products. On demand, the entrepreneurs have access to mentoring sessions with Orange specialists, technical experts, product managers and experienced entrepreneurship domain leaders. Evaluation criteria include the maturity of the product, the strength of the business plan, and the potential for collaboration with Orange. Additionally, products with integration potential with Orange solutions or products will be viewed favorably. The program seeks to collaborate with startups focusing on product development for both companies and end-users. Emphasis is placed on products capable of enhancing client experiences, as well as improving internal processes and products within the organization.	Public authorities	n/a
		Academia	n/a
		Private sector	Start-ups
Main resources involved	Co-innovation opportunities: The accelerator program offers assistance in further enhancing one's product. Access to Orange and partner technologies: Participants gain access to a wide array of technologies provided by Orange and its partners. Working space in innovation-centric environments: The program provides working spaces in innovation-heavy environments such as TechHub Bucharest, FabLab Iasi, Silicon Forest Cluj-Napoca, Cowork Timisoara, Oradea Tech Hub, and Rubik Hub Piatra Neamt. Facilitation of client pilot projects by Orange: Participants benefit from facilitated client pilot projects, facilitated by Orange. Access to Orange's distribution network: The program grants access to Orange's distribution network, facilitating market reach. Funding opportunities via Orange Digital Ventures: Participants have opportunities for funding through Orange Digital Ventures.	Civil society	n/a

MAVIS Innovation and Technology Transfer Center	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support				x	Awareness	x	Office facilities	x	Vouchers		No specific focus	
					Orientation		Co-working	x	Grants		Product	x
Spaces / Infrastructure				x	Networking	x	Fablabs / prototyping	x	Micro-credits		Process	
Funding					Sectorial training		Labs	x	Loans		Service	x
					Consulting/coaching	x	Living Labs	x	Crowd-funding		Design	x
Innovation level of target group					Specific/individual training	x	Learning Factory		Equity funding		Business model	
Low		Brings together clinicians, multidisciplinary scientist, students and innovators to offer support to innovate and develop Minimal Viable Products starting from basic research or more advanced phase to prove the concept, raise the value and to be ready for transfer to economy.			Tech transfer	x	Small production facilities		Other		Social	x
Medium					Market research		Other				Organisation / culture	
High					Other						Digital transformation	x
All of them	x										Green/circular	
Level of expertise for service delivery										Business developement	x	
Basic	Offices and modular meeting rooms										Other	
Medium	Education, Training, Presentation											
Advanced	clinicians, multidisciplinary scientists, innovators											
Complex	innovation services & MVP											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	A key pillar of the regional innovation ecosystem capable of connecting market opportunities in the field of silver economy and chronic diseases (e-health, smart textiles, biotech, etc.) with the needs of end-users and the business environment's capabilities to meet these needs. MAVIS is focused on exploiting the opportunities and competitive advantages of innovation actors in the ICT, health, pharmaceutical biotechnology, and medical textiles (smart textiles) sectors, becoming a reference point in terms of connecting the business environment with the opportunities of the silver economy. 2 patents: Device designed to aid in blood circulation. Scientific research - in collaboration with "Regional intelligence system": state of the art, concept building, concept validation, equipment (telemedicine system, cloud platform, computers, printers, software). Business development: regulatory environment, market analysis, business plan, business implementation. Multi purpose area: meeting room, simulation workstation, education, training, presentation. Innovation Lab - product development - the mechanical workshop is a space dedicated to technical testing, prototyping, making the mechanical elements of devices, especially through the use of 3D printers. Experimental cardio-renal lab - experimental non-invasive diagnostic, monitoring and treatment laboratory in cardio-renal diseases. Living lab - A network of participants created on the quadruple helix model: public authorities, research institutes, private sector actors and citizens, to collaborate in order to prototype, test, co create and validate e health solutions and medical devices dedicated to chronic disease management and elderly care. Living lab IT application - It is an IT application that allows continuous doctor doctor-patient collaboration, through permanent monitoring of the patient (with his active involvement) and facilitating the transmission of recommendations and quick action by the doctor. Living lab WEB module - It offers the possibility of entering data into the database, allocating equipment, communicating with patients, enrolling patients, but also managing pathologies and related questionnaires, visible on mobile devices. Innovative solutions for mechanical circulatory support in heart failure development	Public authorities	Long-term perspective and regulatory role Clinical Hospital "Dr. C.I. Parhon" Iasi; Institute of Cardiovascular Diseases "Prof. Dr. George I. M. Georgescu" Iasi; Psychiatry Institute "Socola" Iasi; The County Emergency Clinical Hospital "St.Spiridon" Iasi;
		Academia	Research institutes - expertise and scientific basis University of Medicine and Pharmacy "Grigore T. Popa", Iasi
		Private sector	Companies from IT, medical for the practical knowledge and resources
Main resources involved	3 laboratories: Open Innovation Ecosystem Lab, Experimental Cardio-Renal Lab, Living Lab; 3 modular offices, modular meeting room; Regional Smart System to collect and analyze information and data to understand the dynamic regional development and to anticipate the changes in the field of CDI and changes regarding regional companies' lifecycle. Research space endowed with equipment; Business services to build, grow and scale startup; Facilitate investors meetings	Civil society	Citizens Patients with chronic renal and heart failure and patients diagnosed with depressive disorders and diabetes and elderly persons

Technological Transfer Centre POLYTECH	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature	Awareness	x	Office facilities	x	Vouchers		No specific focus	
Soft support				x	Orientation	x	Co-working	x	Grants		Product	x
Spaces / Infrastructure				x	Networking	x	Fablabs / prototyping	x	Micro-credits		Process	x
Funding					Sectorial training		Labs	x	Loans		Service	
Innovation level of target group					Consulting/coaching	x	Living Labs		Crowd-funding		Design	x
Low					Specific/individual training	x	Learning Factory	x	Equity funding		Business model	
					Tech transfer	x	Small production facilities	x	Other		Social	
					Market research	x	Other				Organisation / culture	
					Other						Digital transformation	x
Medium											Green/circular	x
High											Other	
All of them	x											
Level of expertise for service delivery												
Basic	Offices and cutting-edge research laboratories											
Medium	IPR											
Advanced	Engineers, researchers in the field of technical sciences, and university faculty members											
Complex	innovation services											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	CTT Polytech carries out research and development activities, including fundamental and applied scientific research, experimental development, and innovation, as well as consultancy, design, service provision, and technology transfer activities in specific fields of the "Gheorghe Asachi" Technical University of Iasi. Its mission is developing the specific relationships in the field of Research, Development, and Innovation (RDI) of the "Gheorghe Asachi" Technical University of Iasi with the socio-economic environment and transferring the results obtained from RDI activities conducted by the research structures of TUIASI to organizations interested in adopting these results. 103 patents Advisory, logistical support, and financial support for the protection of intellectual property rights of research results from the centers and research groups of TUIASI, as well as for the creation of innovative start-ups or spin-offs.	Public authorities	n/a
		Academia	Collaboration with "Gheorghe Asachi" Technical University of Iasi, other interested universities Research centers and institutes
		Private sector	SMEs, Chamber of Commerce
Main resources involved	Research teams composed of experienced researchers and researchers in training.	Civil society	n/a

CEMEX - Advanced Research and Development Center for Experimental	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support				x	Awareness	x	Office facilities	x	Vouchers		No specific focus	
					Orientation		Co-working		Grants		Product	x
Spaces / Infrastructure				x	Networking		Fablabs / prototyping		Micro-credits		Process	x
Funding					Sectorial training		Labs	x	Loans		Service	x
					Consulting/coaching		Living Labs		Crowd-funding		Design	
					Specific/individual training		Learning Factory		Equity funding		Business model	
Innovation level of target group					Tech transfer		Small production facilities		Other		Social	
Low					Market research	x	Other				Organisation / culture	
Medium	x				Other						Digital transformation	
High											Green/circular	
All of them											Other	
Level of expertise for service delivery												
Basic	Laboratory infrastructure											
Medium	n/a											
Advanced	experienced scientists and technicians											
Complex	Preclinical Services											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	CEMEX has become an integrated research and development department of the Grigore T. Popa University of Medicine and Pharmacy. It provides a variety of services for many sectors, including human or animal healthcare, pharmaceuticals, or biotechnology. The state-of-the-art infrastructure and highly qualified and passionate team at CEMEX enable various in-vitro, in-vivo, and ex-vivo studies, in accordance with the requirements imposed by international regulations. These studies are conducted for the investigation of new diagnostic/therapeutic methods/new drugs in all phases of preclinical development. Services for: pain and inflammation research, cardiovascular and metabolic research, cancer research, neurodegenerative disorders research, regenerative medicine and tissue engineering, nanotechnologies, virology and microbiology, food supplements & natural products. Their 2,000 sqm state-of-the-art infrastructure is uniquely equipped to tackle the most challenging fundamental and preclinical R&D projects, while their management, quality control, and ethical procedures comply with high EU standards for animal research and ISO 9001. CEMEX houses the following core facilities: In Vivo Studies Unit Surgery Procedures Unit Physio-Pharmacology Unit Preclinical Imaging Unit Molecular Analysis Unit Functional Cellular Studies Unit Educational & Multimedia Unit: Molecular Biology Lab Training services for Laboratory & Manufacturing Short-term refresher courses Initiation Programs Phase specific strategy guidance and gap assessment Scientific evaluation and selection of candidate compound	Public authorities	Clinical Rehabilitation Hospital of Iași
		Academia	Institute of Macromolecular Chemistry “Petru Poni” Iasi
		Private sector	Antibiotice SA Fiterman Pharma Intelectro Iasi Romsoft All Green Plantavorel
Main resources involved	Research staff: 12 members; Administrative staff: 4 members;	Civil society	n/a

The Technological Transfer Center in Industry 4.0 and Smart Destinations	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support		x	x	x	Awareness	x	Office facilities		Vouchers		No specific focus	
					Orientation		Co-working		Grants		Product	x
Spaces / Infrastructure		x	x	x	Networking	x	Fablabs / prototyping		Micro-credits		Process	
Funding					Sectorial training		Labs	x	Loans		Service	x
					Consulting/coaching	x	Living Labs		Crowd-funding		Design	
					Specific/individual training	x	Learning Factory		Equity funding		Business model	
Innovation level of target group					Tech transfer	x	Small production facilities		Other		Social	
Low					Market research		Other	equipments			Organisation / culture	x
Medium											Digital transformation	
High											Green/circular	
All of them	x										Other	
Level of expertise for service delivery												
Basic	can be delivered by a generalist											
Medium	IPR, RDI and technology transfe legislation											
Advanced	requires hihgly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	The Technological Transfer Center in Industry 4.0 and Smart Destinations is founded within Stefan cel Mare University, Suceava. The mission of this TTC is to develop relationships between Stefan cel Mare University of Suceava and economic environment in the RDI domain, to facilitate the transfer of results from the RDI activities conducted by Stefan cel Mare University of Suceava's research structures to organizations interested in adopting these outcomes. The main domains of cctivities: ITC & security; Eco-nano-technologies and advanced materials, Industry 4.0, Smart Destinations (Smart City + Smart Tourism)	Public authorities	from Suceava County
		Academia	Stefan cel Mare University of Suceava
		Private sector	companies from NE Region
Main resources involved	human resources (coordinator, scientific researchers, scientific research assistants, financial administrator and secretary) Integrated RDI Center for Advanced Materials, Nanotechnologies, Distributed Manufacturing and Control Systems RDI Interdisciplinary Center for CLOUD and Massive Data Infrastructure	Civil society	n/a

Rubik Hub	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support				X	Awareness	X	Office facilities	X	Vouchers		No specific focus	
Spaces / Infrastructure				X	Orientation	X	Co-working	X	Grants		Product	
					Networking	X	Fablabs / prototyping		Micro-credits		Process	
					Sectorial training	X	Labs		Loans		Service	
Funding	X	X	X		Consulting/coaching	X	Living Labs		Crowd-funding	x	Design	
Innovation level of target group					Specific/individual training	X	Learning Factory		Equity funding		Business model	x
					Tech transfer		Small production facilities		Business angels	x	Social	
Low	x	It supports early-stage startups through the Rubik Garage international accelerator. Furthermore, it continues to support startups even after the completion of a			Market research		Other		Other		Organisation / culture	
Medium	x				Other				Digital transformation			
High									Green/circular			
All of them									Other			
Level of expertise for service delivery												
Basic	Offices and meeting rooms											
Medium	Contributed to the romanian start-up strategy											
Advanced	Community builders, investment experts											
Complex	Start-up suport											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	RUBIK HUB Programs: - The Rubikigai Self-Discovery Program helps participants better identify their values and define their passions that can guide them towards an entrepreneurial career. The RubikEDU Entrepreneurship Education Program is structured around 3 pillars, each with a specific curriculum tailored to the target audience: RubikEDU Ideation Bootcamp, for students and young adults; RubikEDU step_in, for young people with ideas but undecided about pursuing an entrepreneurial career; RubikEDU _start, for young people with ideas determined to turn their idea into a successful startup.	Public authorities	n/a
		Academia	Collaboration with "Gheorghe Asachi" Technical University of Iași, other interested universities, and schools
		Private sector	Business angels, community builders and mentors
Main resources involved	Team members: 18 (programe managers, community builders, investment experts) With the support of a community of over 150 mentors, Rubik Hub offers programs aimed at startup founders or those who want to become one.	Civil society	Young adults, entrepreneurs

Digital Innovation Zone	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support				x	Awareness	x	Office facilities	x	Vouchers		No specific focus	
					Orientation	x	Co-working		Grants		Product	x
Spaces / Infrastructure				x	Networking	x	Fablabs / prototyping		Micro-credits		Process	x
Funding				x	Sectorial training	x	Labs		Loans		Service	x
					Consulting/coaching	x	Living Labs		Crowd-funding		Design	x
Innovation level of target group					Specific/individual training	x	Learning Factory		Equity funding		Business model	x
Low		Recognized hub for digital innovation at the European level (eDIH)			Tech transfer	x	Small production facilities		Indirect funded services	x	Social	
Medium	x				Market research	x	Other				Organisation / culture	
High	x				Other						Digital transformation	x
All of them											Green/circular	
Level of expertise for service delivery											Other	
Basic	n/a											
Medium	Training											
Advanced	specialists in technology, marketing, artificial intelligence,											
Complex	innovation services in digitalization											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	Tools developed: - Digital Evaluator Tool that analyzes the level of digital maturity, passing through various areas of analysis (digital business strategy, digital preparation, digitization oriented to the individual, data management, automation, and sustainable digitization); - Since January 2023, DIZ developed a catalog of IT suppliers within the North-East Region of Romania. Since then, DIZ published more than 80 suppliers offering complex solutions supporting the digital transformation process (products and services). At the same time, Digital Innovation Zone has built a community of technology providers and chief technical officers. They are helping the beneficiaries of the North-East Regional Programme to prepare their Digital Feasibility Study (open call on digitization); - Digital Innovation Zone has several good practices for working with local public authorities (County Councils on health and building their digitalization strategies).	Public authorities	County Councils Municipalities
		Academia	Grigore T. Popa University of Medicine and Pharmacy "Gheorghe Asachi" Technical University of Iași
		Private sector	SMEs, NGOs, clusters
Main resources involved	9 founders entities; 14 members;	Civil society	n/a

Association "Mai Bine"	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	x	x	x	x	Awareness	x	Office facilities	x	Vouchers		No specific focus	
					Orientation	x	Co-working		Grants		Product	
Spaces / Infrastructure	x	x	x		Networking	x	Fablabs / prototyping	x	Micro-credits		Process	x
Funding	x				Sectorial training		Labs	x	Loans		Service	
					Consulting/coaching	x	Living Labs	x	Crowd-funding		Design	x
Innovation level of target group					Specific/individual training		Learning Factory		Equity funding	x	Business model	x
Low	X	change step by step to create a better world				Tech transfer		Small production facilities	x	Other	Social	x
Medium	X					Market research		Other			Organisation / culture	x
High						Other					Digital transformation	
All of them											Green/circular	x
Level of expertise for service delivery											Other	
Basic	Office and small production site											
Medium	n/a											
Advanced	emphasizes the importance of ethical norms and											
Complex	n/a											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	The vision of Mai Bine Association is represented by a world governed by solid ethical norms and principles, environmentally sustainable and socially equitable. Their mission is to contribute to the sustainable development of the local community by implementing projects under a holistic approach, on all three dimensions of sustainable development: natural environment, social environment and economic environment. Inviting people to embrace the potential of sustainable development to create a better world. It emphasizes the importance of ethical norms and principles, ecological sustainability, and social equity.	Public authorities	Iasi municipality, North-East RDA
		Academia	n/a
		Private sector	Redu SRL - certified social enterprise and a reference in Romania for sustainable fashion, garments and textiles.
Main resources involved	Human Resources: Staff expertise: This includes the knowledge, skills, and experience of the NGO's employees, volunteers, and board members. People with backgrounds in relevant fields like technology, social sciences, community development, and business would be valuable assets. Beneficiary involvement: Including the target community in the innovation process can provide valuable insights into local needs and challenges.	Civil society	Various sustainability initiatives: - CUIB - is a space for sustainable consumption, unique in Romania, with multiple pioneering approaches. It contributes to sustainable development and local resilience through a holistic approach, addressing all three pillars of development – nature, society, and the economy, prioritized in this order. - Green Map of Iasi

"Alături de voi" foundation	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	x	x	x	x	Awareness	x	Office facilities	x	Vouchers	x	No specific focus	
					Orientation	x	Co-working	x	Grants	x	Product	
Spaces / Infrastructure	x	x	x	x	Networking	x	Fablabs / prototyping	x	Micro-credits	x	Process	
Funding	x	x	x		Sectorial training	x	Labs		Loans		Service	x
					Consulting/coaching	x	Living Labs	x	Crowd-funding		Design	x
Innovation level of target group					Specific/individual training	x	Learning Factory	x	Equity funding	x	Business model	x
Low	X	ADV Romania represents a group of connected social enterprises:				Tech transfer		Small production facilities	x	Other	Social	x
Medium	X					Market research	x	Other			Organisation / culture	x
High	X					Other					Digital transformation	x
All of them	X										Green/circular	x
Level of expertise for service delivery											Other	
Basic	archiving and document storage services											
Medium	n/a											
Advanced	printing services and work protection and safety services.											
Complex	n/a											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	Level of expertise for service delivery , UtilDeco, WISE.travel, and JobDirect, which have developed over time since 2002. Its mission is to promote and develop the social economy and ensure the inclusion of people with disabilities and other vulnerable groups. In 2016 was declared the Social Entrepreneur of the Year in the international competition EY Entrepreneur Of The Year. ADV Romania implements programmes at the national and European level and is recognised as a resource centre in the field linking Eastern and Western Europe. In the last 22 years, ADV Romania has carried out over 100 projects/programmes (33 million Euro+), financed by international organisations, the European Commission and its own funds (full reinvestment of the profits generated by the social enterprises of the group). In 2019 ADV became the European Social Fund (ESF) grant administrator for 42 social enterprises established and developed in Romania. Also, in another European Commission project, ADV became a grant administrator for 5 social enterprises in the Republic of Moldova and 1 in Ukraine. In October 2020, together with the funded social enterprises, ADV launched a cluster organisation dedicated to social economy called "Accelerator of Social Enterprises" (over 70 institutions are members), to which it provides the administrative and managerial structure. The cluster is registered on the EU platform.	Public authorities	ADV has developed a cross-border centre (RO-MD-UA) for social economy and 4 Social Innovation Labs with local partners in the Republic of Moldova and Ukraine to develop the social economy sector further.
		Academia	n/a
		Private sector	social enterprises like: Util DECO, WISE.travel, AFIN
Main resources involved	• 2004 – The Youth Club – day center for children and young people from under privileged categories, including with disabilities. We teach them independent living skills in order to destroy the circle of poverty, continuously investing in education – a priceless possession of any individual! • 2008 – UtilDeco – work integration social enterprise, having created in time more than 150 workplaces, of which more than half have been for people with disabilities and from other groups at risk. We offer archiving and document storage services, we produce protective and work equipment, printing services and work protection and safety services. • 2016 – JobDirect – social enterprise and the first Agency for Placement and Assistance at the Workplace addressing people with disabilities. We offer services of evaluation, testing, counseling, professional capacity building, mediation and placement on the labor market, job – coaching for maintaining the workplace. • 2017 – WISE.travel – social enterprise in the field of tourism – tour operator. Supports NGOs and social businesses by developing communities! • 2018 –ADV Academy – we invest in education, research, public policies and social innovation in the field of social economy! The activities take place in Romania, the Republic of Moldova, Ukraine and the European Union. • 2019 – The Social Enterprises Accelerator – grant administrator for 42 social enterprises established and developed in Romania, 5 in the Republic of Moldova and 3 in Ukraine! We multiply social enterprises and generate social and economic impact for the individual, the environment and the community! • 2021 – together with our partners, we are preparing to launch AFIN, the first Romanian non-banking instrument addressing Romanian social enterprises!	Civil society	n/a

Academic Organization for Environmental Engineering and Sustainable Development	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature	Awareness	x	Office facilities		Vouchers		No specific focus	
	x	x			Orientation		Co-working		Grants		Product	x
Spaces / Infrastructure	x	x			Networking		Fablabs / prototyping Labs	x	Micro-credits		Process	x
Funding					Sectorial training		Labs		Loans		Service	x
					Consulting/coaching	x	Living Labs	x	Crowd-funding		Design	
Innovation level of target group	Low	x	National leader in research and academic activities in the field of Environmental Engineering in Romania		Specific/individual training	x	Learning Factory		Equity funding		Business model	
					Tech transfer		Small production facilities	x	Other		Social	
Level of expertise for service delivery	Medium	x			Market research	x	Other				Organisation / culture	
					Other						Digital transformation	x
Basic	n/a										Green/circular	x
											Other	
Medium	n/a											
Advanced	experienced scientists											
Complex	forum for researchers, engineers, policymakers, and other stakeholders that discuss current and emerging environmental issues.											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	Gheorghe Asachi Technical University of Iași Department of Environmental Engineering and Management is the national leader in research and academic activities in the field of Environmental Engineering in Romania. https://www.iceem.tuiasi.ro/ a forum for researchers, engineers, policymakers, and other stakeholders to discuss current and emerging environmental issues.	Public authorities	Local municipality
		Academia	Gheorghe Asachi Technical University of Iași
		Private sector	n/a
Main resources involved	OAIMDD might not be a separate academic department, it likely functions as a publishing or academic event organization arm under the umbrella of TUIASI's Department of Environmental Engineering and Management.	Civil society	n/a

"Corona" foundation	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature	Awareness		Office facilities		Vouchers		No specific focus	
Soft support	x	x			Orientation	x	Co-working	x	Grants	x	Product	
Spaces / Infrastructure	x	x			Networking		Fablabs / prototyping	x	Micro-credits		Process	x
Funding	x	x			Sectorial training	x	Labs		Loans		Service	x
Innovation level of target group					Consulting/coaching	x	Living Labs		Crowd-funding		Design	
					Specific/individual training	x	Learning Factory		Equity funding		Business model	
					Tech transfer		Small production facilities		Other		Social	x
					Market research	x	Other				Organisation / culture	x
					Other						Digital transformation	x
											Green/circular	x
											Other	
Low	x	The Foundation's activities include:										
Medium	x				Grantmaking							
High	x				Capacity building							
					Technical assistance							
All of them	x				Advocacy							
					Networking							
Level of expertise for service delivery												
Basic	offices											
Medium	expertise related to community development											
Advanced	multidisciplinary scientists, innovators											
Complex	expertise in various sectors like economics, social work,											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	The purpose of the Corona Foundation is to determine, develop and implement programs for the development of the local community in all sectors of economic, social, cultural, educational, sports and youth and environmental life. The Foundation's mission is to contribute to the sustainable development of the local community by supporting and implementing projects in the following areas: Economic development Social development Cultural development Educational development Environmental protection	Public authorities	Local government
		Academia	n/a
		Private sector	n/a
Main resources involved	Human Resources: Staff with expertise in various sectors like economics, social work, education, environment etc. They might also collaborate with volunteers and consultants. Financial Resources: Funding for programs could come from grants, donations, fundraising events, or partnerships with businesses or government. Information Resources: Research data, reports, and expertise related to community development in different sectors. Material Resources: Depending on the project, they might require physical materials for construction, educational supplies, or equipment for events.	Civil society	The Foundation's impact on the community has been significant. The Foundation has supported over 1,000 projects that have benefited over 100,000 people. The Foundation has also helped to raise over \$10 million in funding for community development projects.

Creative industries (Hub de industrie creativa Iasi)	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature	Awareness		Office facilities	x	Vouchers	X	No specific focus	
Soft support	x	x	x		Orientation		Co-working	x	Grants	X	Product	
Spaces / Infrastructure	x	x	x		Networking		Fablabs / prototyping	x	Micro-credits		Process	x
Funding	x	x	x	x	Sectorial training		Labs		Loans		Service	
Innovation level of target group					Consulting/coaching	x	Living Labs	x	Crowd-funding		Design	
					Specific/individual training	x	Learning Factory		Equity funding		Business model	x
					Tech transfer		Small production facilities	x	Other		Social	x
					Market research	x	Other				Organisation / culture	x
					Other						Digital transformation	x
											Green/circular	x
											Other	
Level of expertise for service delivery												
Basic					office& test beds							
Medium					n/a							
Advanced					unique development solutions							
Complex					the only business incubator in our region							

https://creativeindustries.ro/

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	"CREATIVE HUB", conceptually named Iasi Creative Space aims to create a temporary experimental space with national openness and international connectivity, which will connect creative industries in a space suitable for supporting young people's ideas with the help of entrepreneurs from the respective industries and supporting art, in all its forms.	Public authorities	Iasi Municipality
		Academia	Gheorghe Asachi Technical University of Iasi
		Private sector	n/a
Main resources involved	Office spaces, Creative Industries HUB Iasi" being, in fact, the only business incubator in Moldova legitimized at the Ministry of Economy, Energy and Business Environment. UNIQUENESS defines them in everything they do, therefore, excellence is not a singular act, but a habit.	Civil society	Federation of Employers in Creative Industries

Factory 4.0	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	X	X	X	X	Awareness		Office facilities		Vouchers		No specific focus	
					Orientation		Co-working	X	Grants		Product	
Spaces / Infrastructure	X	X										
Funding					Networking		Fablabs / prototyping	X	Micro-credits		Process	
					Sectorial training	X	Labs	X	Loans		Service	
					Consulting/coaching	X	Living Labs	X	Crowd-funding		Design	X
Innovation level of target group					Specific/individual training	X	Learning Factory		Equity funding		Business model	
Low	X	Support for digital transformation of the companies			Tech transfer	X	Small production facilities		Other		Social	
Medium	X				Market research	X	Other				Organisation / culture	X
High	X										Digital transformation	X
All of them	X										Green/circular	X
Level of expertise for service delivery											Other	
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires hightly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

SHORT DESCRIPTION			Stakeholders	
Main components of the practice		The FACTORY 4.0 national initiative is positioned as a catalyst on the Romanian training and consulting market in the field of digital transformation. They have developed innovative training programs that include the latest concepts and technologies within an ecosystem that unifies the area of training, consulting and implementation of solutions through strategic partnerships with recognized technology providers.	Public authorities	n/a
			Academia	Gheorghe Asachi Technical University of Iasi
			Private sector	n/a
Main resources involved		The FACTORY 4.0 community is a platform that aims to bring together valuable people in the industry, concerned about the digital transformation of their companies.	Civil society	n/a

Imago Mol	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation						
	Stand-up	Start-up	Scale-up	Mature													
Soft support	X	X	x	X	Awareness	x	Office facilities		Vouchers		No specific focus						
					Orientation	x	Co-working		Grants		Product	x					
Spaces / Infrastructure	x	x	x	x	Networking	x	Fablabs / prototyping	x	Micro-credits		Process	x					
Funding	x	x			Sectorial training	x	Labs		Loans		Service	x					
Innovation level of target group					Consulting/coaching	x	Living Labs	x	Crowd-funding		Design						
					Specific/individual training	x	Learning Factory	x	Equity funding		Business model	x					
					Low		integrating digital technologies for new ecosystems in healthcare			Tech transfer		Small production facilities		Other		Social	
					Medium	X				Market research		Other		Organisation / culture			
					High	X				Other				Digital transformation	x		
					All of them								Green/circular				
					Level of expertise for service delivery										Other		
					Basic	n/a											
					Medium	n/a											
Advanced	experienced scientists and technicians																
Complex	develop, manufacture, and sell medical imaging equipmen																

SHORT DESCRIPTION			Stakeholders	
Main components of the practice	The North East Regional Innovative Cluster for Structural and Molecular Imaging It's a non-profit organization located in Iasi, Romania, and is the only medical imaging cluster in both Romania and the European Union. Their main objective is to support the growth of scientific competitiveness among its members and the entire North-East Region of Romania in the field of medical imaging. They achieve this by: Facilitating collaboration: They bring together researchers, medical professionals, and businesses working in the field of medical imaging. Promoting innovation: They support the development and implementation of new technologies and methodologies in medical imaging. Enhancing education and training: They offer training programs and workshops to improve the skills of medical imaging professionals. Attracting investment: They work to attract investment to the North-East Region of Romania for the development of medical imaging.		Public authorities	North - East RDA , Healthcare Providers: Hospitals, clinics, and other healthcare providers that use medical imaging technologies are stakeholders in Imago Mol. The cluster's work in promoting education and training can improve the skills of medical imaging professionals, leading to better patient care.
			Academia	Grigore T. Popa University of Medicine and Pharmacy
			Private sector	Medical Imaging Companies: These companies develop, manufacture, and sell medical imaging equipment, such as MRI machines, CT scanners, and PET scanners. Imago Mol's efforts to promote innovation and attract investment could benefit these companies by creating a larger market for their products in the North-East Region of Romania. Pharmaceutical Companies: These companies develop and manufacture drugs for medical imaging procedures. Imago Mol's focus on facilitating collaboration between researchers and medical professionals could lead to the development of new imaging techniques that require new drugs, creating opportunities for pharmaceutical companies.
Main resources involved	Imago Mol has been successful in its endeavors. They have lobbied the regional government to have eHealth and precision medicine become integrated parts of the regional innovation strategy. Additionally, they coordinate the MEDIC-NEST project, which focuses on integrating digital technologies for new ecosystems in healthcare.		Civil society	Private Research Institutions: There might be private research institutions in Iasi or the International organizations

Rural Development Research Platform	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	x	x	x	x	Awareness	x	Office facilities		Vouchers		No specific focus	
					Orientation	x	Co-working		Grants		Product	x
Spaces / Infrastructure	x	x	x	x	Networking	x	Fablabs / prototyping	x	Micro-credits		Process	x
Funding					Sectorial training	x	Labs		Loans		Service	
					Consulting/coaching	x	Living Labs	x	Crowd-funding		Design	x
Innovation level of target group					Specific/individual training	x	Learning Factory	x	Equity funding		Business model	x
Low	x	the development of systemic infrastructures			Tech transfer		Small production facilities		Other		Social	
Medium	x	based on			Market research	x	Other				Organisation / culture	x
High	x	knowledge and participatory governance for			Other						Digital transformation	x
All of them	x	the intelligent growth of rural and urban									Green/circular	x
Level of expertise for service delivery											Other	
Basic	n/a											
Medium	n/a											
Advanced	specialists in technology, sustainable development											
Complex	living lab for rural systems development											

SHORT DESCRIPTION		Stakeholders	
Main components of the practice	Scientific research. Development of fundamental, applied, and experimental research with impact in rural and urban socio-economics. ● Knowledge transfer. The development of participatory knowledge projects, with a particular focus on sustainability, durability, circular economy, healthy living, environmental protection, and cultural, material, and immaterial heritage. ● Systemic mapping and analysis: The development of the scientific infrastructure for the identification, analysis, and evaluation of the determining factors for the economic environment, social environment, quality of life, cultural heritage, and natural environment. ● Strong, multi-stakeholder communities: The development of communities of stakeholders, following the Quadruple Helix model, engages the main actors from the academic environment, the entrepreneurial environment, governance, and civil society. ● Knowledge ecosystems: the development of systemic infrastructures based on knowledge and participatory governance for the intelligent growth of rural and urban socioeconomics.	Public authorities	Iasi Municipality
		Academia	Romanian Academy - Iași Brunch - "Gheorghe Zane" Institute of Economic and Social Researches
		Private sector	n/a
Main resources involved	● Mapping, analysis, monitoring, and evaluation. Activities focused on assessing the economic, social, medical, environmental, and cultural state. ● Enhancing the digital capacity. Activities of digitalization and digital transformation in urban and rural systems. ● Databases and data management. Activities of public opinion surveys, processing and managing small and big based on qualitative and quantitative methods. ● Counseling and professional support. Activities involving counseling, certification, and development in agriculture, agricultural technologies, management, marketing, digital technologies, promotion, tourism, branding, accessing public and/or private funds, and implementing projects with public and/ or private funding. ● Dissemination across the academic environment and support for policies and strategies. Activities involving writing scientific articles, studies, volumes, models of good practices, analyses, predictions, strategies, policies, and public and/ or private reports. ● Training, education, and public knowledge transfer. Activities involving training, informing, specialized education, knowledge transfer, and scientific brokerage for civil society and the general public. ● Facilitating communication and public collaboration. Organizing and taking part in fairs, congresses, expositions, galleries, exhibition stands, and workshops. ● Ecology. Activities involving environmental protection, bioeconomics development, and circular economy. ● Research and responsible innovation. Activities aimed at developing the culture of	Civil society	Food for Iasi Living Lab is a living lab for urban systems development, implemented with the support of the Cities2030 project: www.fill.rdrp.org ● RoRuralia Living & Policy Lab is a living lab for rural systems development, implemented with the support of the RURALITIES project www.roruralia.rdrp.org ● 15 research laboratories: Urban and rural systems, Living and policy labs, Stakeholders communities, Systems thinking, Participatory governance, Urban and CRFS systems, Knowledge management, Urban living labs, Rural systems thinking, Participatory Governance, Agri-economy, Rural Anthropology, Anthrozoology, Urban Anthropology, Visual epistemology ● 1 Urban stakeholders community platform: Iasul in Bucure - www.iasulinbucate.rdrp.org

PTP-DIH Smart Manufacturing	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
Soft support	Stand-up	Start-up	Scale-up	Mature	Awareness	x	Office facilities	x	Vouchers	x	No specific focus	
	x	x	x	x	Orientation	x	Co-working	x	Grants	x	Product	x
Spaces / Infrastructure	x	x	x	x	Networking	x	Fablabs / prototyping		Micro-credits		Service	x
Funding	x	x	x	x	Sectorial training (external)		Labs (in development)	(x)	Loans		Business model	x
					Consulting/coaching (+external)	x	Living Labs		Crowd-funding		Social	
Level of expertise delivery		Innovation level of target group			Specific/individual training (+external)				Equity funding (+external)	(x)	Organisation / culture	x
Basic	x	Low			Tech transfer	x	Small production facilities	x	Other		Digital transformation	x
Medium	x	Medium		x	Market research	x	Other				Green/circular	x
Advanced (depending on sources available for external experts)	x	High		x	Other						Other	
Complex (depending on sources available for external experts)	x	All of them										
Level of expertise delivery - explanation												
Basic	can be delivered by a generalist											
Medium	requires specific but common expertise (tax law, ...)											
Advanced	requires highly specialised expertise/resources (lab, ...)											
Complex	requires several expert contributions											

[illegible]

SHORT DESCRIPTION	
Main components of the practice	4 month entrepreneurial training program to develop and realize potential entrepreneurial idea achieved through a comprehensive program that includes entrepreneurial training, mentoring and providing all-round assistance to participants. The project will take place between December 2023 and December 2028, involving 106 participants in the Pomurje region. The project objective are newly established business entities (s.p., LLC/Ltd and other forms of business entities). Candidates must have a permanent or temporary residence in the Pomurje region (up to 11 people from among all registered candidates). The public tender will be published every five months. During the duration of the project: 10 tenders will be published. Benefits for applicants: 4 - monthly regular employment; Mentoring and assistance in developing a business idea and creating a business plan; Help in realizing a business idea; Entrepreneurial training; Working with like-minded people and networking with entrepreneurs; Possibility of individual trainings.
Owner and further stakeholders	European Union through Slovene Ministry of Cohesion and Regional Development as national cofinancing authority and regional partner Development Center of Murska Sobota (https://www.rcms.si/poni) 
Main resources involved	Financial: The project is implemented within the framework of the European Cohesion Policy Program (2021-2027) in Slovenia, priority task 1: Innovation Society of Knowledge, Specific Objective RSO1.3. Strengthening the sustainable growth and competitiveness of SMEs and creating jobs in SMEs, including through productive investments (ERDF). Human: staff of Development Center of Murska Sobota Infrastructure: offices at Development Center of Murska Sobota

UVP Technicom	LIFECYCLE				Soft support		Spaces / infrastructure		Funding		Type of innovation	
	Stand-up	Start-up	Scale-up	Mature								
Soft support	X	X	X		Awareness	X	Office facilities	X	Vouchers		No specific focus	
Spaces / Infrastructure	X	X	X		Orientation	X	Co-working		Grants		Product	X
					Networking		Fablabs / prototyping	X	Micro-credits		Process	X
Funding					Sectorial training	X	Labs	X	Loans		Service	
Innovation level of target group					Consulting/coaching	X	Living Labs	X	Crowd-funding		Design	X
					Specific/individual training		Learning Factory		Equity funding		Business model	X
	Low	X	University science park of the Technical University in Kosice				Tech transfer	X	Small production facilities	X	Other	Social
	Medium	X					Market research		Other		Organisation / culture	
	High						Other				Digital transformation	X
	All of them									Green/circular	X	
	Level of expertise for service delivery										Other	
	Basic	Startup center and incubation center for SME's and startups										
	Medium	Busienss development, mentoring and office support										
	Advanced	Funding and connection with investors and VC's										
Complex												
SHORT DESCRIPTION												
Main components of the practice	In 2014, when the TUKE Startup Center was opened, activities in the field of startup support started at the Technical University. The main aim of the center is to create a motivational environment that will help not only students and employees of TUKE, but also other residents of the region in the development of their innovative ideas and potential. The TUKE startup center offers startup support in various forms, according to their current needs. This is primarily the opportunity to use the premises in the TUKE Startup Center and the necessary equipment capacities of unique professional workplaces, laboratories, and other facilities at the university for free. Also, help in creating a business plan, acquiring partners, searching for potential investors, as well as expert and mentoring support.						Stakeholders		Technical University of Kosice			
							Public authorities					
							Academia					
							Private sector					
Main resources involved	10 people, access to university students, office with meetingrooms						Civil society					

