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BOOST
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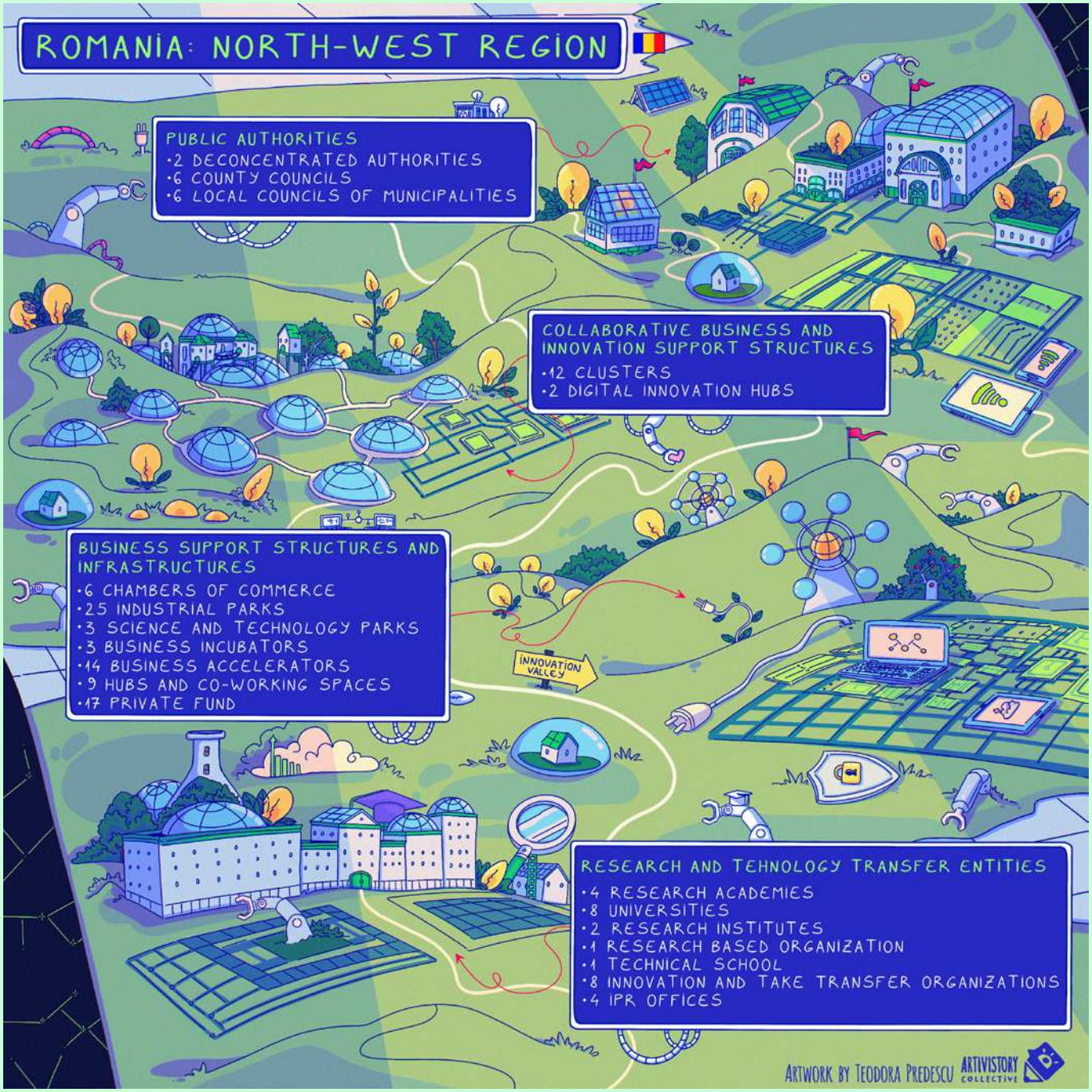
Regional mapping of the innovation stakeholders - North-west region, Romania

TRANSILVANIA IT CLUSTER

North-West
Regional Development
Agency

4. Regional mapping of the innovation stakeholders

4.1. ROMANIA - North-West Region



4.1.1. PUBLIC AUTHORITIES

DECONCENTRATED AUTHORITIES

Regional Offices of in-line ministries responsible for Innovation / Management Authorities or Intermediate Bodies for Innovation related programmes. NCP for Horizon programmes included

Name of the organization	Fields/sectors covered	Legal status
Ministry of Research, Innovation and Digitalization: North-West Regional office - Cluj-Napoca Technical University	ICT, manufacturing/Industry 4.0, Health, Green	**P**
Implementing Body for the Research, within the Competitiveness Operational Programme 2014-2020 and 2021-2027.		national ministry - university

NORTH-WEST REGIONAL DEVELOPMENT AGENCY

The North-West Regional Development Agency (North-West RDA) has been acting since 1998, based on the public law of regional development in Romania, when 8 development regions and 8 corresponding RDAs have been established, based on voluntary association of counties. It is a NGO of public utility. (Regional) Innovation Agencies do not exist in Romania.
North-West RDA is responsible for the elaboration collaborative process of the Smart Specialisation Strategy in the region, for the Regional Development Strategy (RDS) including innovation measures and as Management Authority for the Regional Program 2021-2027, which includes axis related to boosting competitiveness and innovation for the private beneficiaries but also facilitating the creation of business and innovation support infrastructure across the region.

Name of the organization	Fields/sectors covered	Legal status
North-West Regional Development Agency	ICT, manufacturing/Industry 4.0, Health, Green	**P - assimilated**
Coordinator of S3 regional strategy Coordinator of RDS Intermediate Body for ROP 2014-2020 Management Authority for Regional Program 2021-2027 Ecosystem synergies and innovation support via Enterprise Europe Network, Horizon projects, Interreg projects and other national funded projects.		NGO of public utility

COUNTY COUNCILS

There are no regional governments in Romania, since the regions are not administrative units. As the North-West Development Region is composed by the voluntary association of 6 counties, the County Councils are the main local authorities, followed as level by the Local Councils of the 6 capital municipalities of each county. In the urban area, there are 43 cities in the North-West Region, each of them represented by a local council/ municipality. In the rural area, there are 403 communes, each represented by a local (rural) council, enclosing 1752 villages.

The role of innovation enabler can be regarded for each of these levels, due to the decision making power from the administrative point of view. We decided to include as BOOST target stakeholders the local public authorities directly involved in supporting innovation in their strategies, linked where the case to some concrete initiatives.

Name of the organization	Fields/sectors covered	Legal status
CLUJ COUNTY COUNCIL	ICT, manufacturing/Industry 4.0, Health, Green	**P**
Cluj County Council is the authority of the local public administration, established at the county level to coordinate the activity of the communal, city and municipal councils, in order to provide public services of county interest. The County Council is directly involved in supporting innovation in their strategies and develops projects which sustain sectors covered by BOOST project sectors. The general objective of the "Cluj County - SMART TERRITORY" project is to increase the quality of services provided to the citizens of Cluj County, in the context of efficient management at the Cluj County UAT level. This includes: improving the decision-making process and strategic planning at the UAT Cluj County level by introducing an integrated territorial planning system; facilitating access to online services for the citizens of Cluj county by introducing systems to simplify administrative procedures from the back-office perspective. The "Integrated Waste Management System in Cluj County" project focuses on continuing the development of the waste management infrastructure in order to eliminate the environmental and operational problems associated with the generation and management of waste in Cluj County, in order to comply with the provisions of the European acquis and the commitments assumed by the environmental sector. Digital map of Cluj county:		Public administration

BIHOR COUNTY COUNCIL	Health, ICT & Digital Transformation, Green, Manufacturing/Industry 4.0	**P**
Bihor County Council is directly involved in supporting innovation in their strategies and develops projects which sustain sectors covered by BOOST project sectors. Through IPHEALTH "Integrated project for sustainable development in the mountain area of Bihor County, improving access and development of health services in case of medical interventions in emergency situations", the Bihor County Council aims to develop and improve medical services by building two emergency medical centers in the mountain area in: Padiş and Stâna de Vale which will be coordinated by the Salvamont Salvaspeo Bihor County Service. The general objective of the "Establishment of the Bihor Science and Technology Park" project is to create an infrastructure for innovation and technology transfer in Bihor county. Thus, the Bihor Science and Technology Park, through the University of Oradea, will offer technology transfer services to economic agents in the following areas of intelligent specialization: eco-nano-technologies and advanced materials, information and communication technologies, space and security, health, bioeconomy, energy, environment and climate change. Developing and increasing the efficiency of electronic public services in Bihor County - increasing the efficiency of public services addressed to citizens and the business environment within the scope of partner UATs regarding information from the agricultural field and the implementation of information technologies (some computer applications) that contribute to a better management of data related to the possession and use of agricultural land.		Public administration

MARAMURES COUNTY COUNCIL	Health	P
Maramures County Council is directly involved in supporting innovation in their strategies and develops projects which sustain the health sector. The "ALTHERA - Alternative Therapies in Maramures and Ivano - Frankivsk" project is focused on improving the medical and complementary services of alternative therapies for children with disabilities in Maramureș and Ivano-Frankivsk, for example by building an alternative therapies center composed of 7 medical offices for specific therapies, 1 room for parent-therapist interactions, a sensory park and a large arena for innovative therapy with animals such as horses, ponies, dogs. Moreover, awareness campaigns about the possible risks of conceiving a child with disabilities are included. Maramureș County, through the Maramureș County Council, implements the project "Installation of an oxygen concentration detection/signaling/alarm system and the modernization/expansion of the electrical and medical fluid infrastructure within the County Emergency Hospital "Dr. Constantin Opriș", Baia Mare". This is intended to increase the safety of the patients of the Emergency County Hospital "Dr. Constantin Opriș" by expanding and modernizing electrical and medical fluid installations and installing oxygen concentration detection systems. The implementation of the proposed interventions will lead to the improvement of the existing electricity and medical fluids supply infrastructure and the increase of fire safety in the wards that use medical fluids for the performance of the medical act in the Emergency County Hospital.		Public administration

SATU MARE COUNTY COUNCIL	Health	**P**
Satu Mare County Council is directly involved in supporting innovation in their strategies and develops projects which sustain the health sector. As part of the development of the health infrastructure, the Satu Mare County Council decided in 2020 on the rehabilitation of the Pneumophtisiology Dispensary building. In parallel with the rehabilitation of the building, the Satu Mare County Council purchased the necessary medical equipment for the modernization of the process of diagnosis and monitoring of patients' health.		Public administration
BISTRITA-NASAUD COUNTY COUNCIL	ICT & Digital Transformation	**P**
Bistrita-Nasaud County Council is directly involved in supporting innovation in their strategies and develops projects which sustain the ICT sector. E-portal is an electronic service provided to the citizens for online complaints, participatory budgeting, document search or verification. Participatory budgeting gives citizens the opportunity to express the problems they face and propose solutions to them; to formulate their own ideas and initiatives to make life better and more pleasant in our county; to participate effectively in setting priorities for spending our community's money and to turn their ideas into community projects. RAISE project: Retro-digitization of the archive and computerization of electronic services at the Bistrița-Năsăud County Council - strengthen the capacity of the Bistrița-Năsăud County Council to ensure the quality and access to public services offered exclusively by the institution by simplifying administration procedures local and red tape reduction.		Public administration

SALAJ COUNTY COUNCIL	ICT & Digital Transformation	**P**
Salaj County Council is directly involved in supporting innovation in their strategies and develops projects which sustain the ICT sector. The Salaj County Council has provided citizens electronic services for the submission of the following forms: communication regarding the start of construction/demolition works, communication regarding the completion of construction/demolition works, request for agreement regarding the performance of works in county heritage buildings, application for the issuance of a transport license; management in the IT system of the agricultural register and other public services intended for citizens within some administrative-territorial units in Sălaj County; forms necessary to obtain town planning documentation. The establishment and operation of the "ECODES Sălaj" Intercommunity Development Association, which deals with: to be the interface for discussions and to be an active partner for the local government authorities on the development and management aspects of the Service in order to coordinate policies and actions of general interest; to identify and propose any actions aimed at increasing funding opportunities for investment projects in the technical and public infrastructure of the service, and to improve the planning of investments in the technical and public infrastructure.		Public administration

LOCAL COUNCILS OF MUNICIPALITIES

Name of the organization	Fields/sectors covered	Legal status
Cluj-Napoca Municipality	Urban/ Smart city Youth entrepreneurship - ICT, Green	**P**
Cluj-Napoca City Hall has developed the Antonia platform, the first virtual clerk in Romania. Antonia is a software that facilitates filing and the distribution to the relevant department in the town hall of requests from citizens of companies. As we can see, the trend is to increase the number of applications processed electronically, but the majority is still submitted at the counter. Cluj-Napoca Municipality introduced for the 1st time in Romania, participative budgetary voting, using a digital platform to collect and vote investment projects to be carried out by the municipality. The Innovation and Civic Imagination Centre (CIIC) was established in 2017 to foster collaboration and community commitment in public decision making in regard to the city development. Main initiator of FIX Cluj programme - Innovation and Experiment Fund of Cluj-Napoca city, providing acceleration services and funding for youth to develop innovative ideas that can help the city grow.	 	Local public authority

Oradea Municipality	Digital Transformation, Green Transition	P
Oradea Municipality set out to simplify administrative productions and reduce bureaucracy at the Oradea City Hall level, thus launching the digital.oradea.ro platform last fall. We remind you that through it, citizens can submit requests and complaints/ petitions, make online payments, register documents and even register for hearings. The participatory budgeting procedure took place in two specific years, more specifically in 2018 and 2019. In 2019, during the online voting stage, 13,836 votes were cast for the 52 projects approved under participatory budgeting. At the ten public meetings that followed the online voting stage, 8,477 votes were cast. For the final selection of the 10 projects, 50% represented the weight of the online vote and 50% the vote from the public debates. By "Extending cycling tracks for the transition to a green city - Children's Town Route - Zoo" it is proposed to expand the cycling tracks in the city in such a way as to allow access from any area to the center, to the tourist attractions (Felix / etc.) respectively to the parks industrial, connecting parks and school infrastructure (high schools/grammar schools). The "Digitalization/Debureaucratization through RPA UiPath" solution offers mechanisms and interfaces that are easy to use for citizens and that provide them with answers and solutions in a short time. Thus, it can integrate an entire decision-making process (from one end to the other), as long as the respective process is already somewhat standardized with clear steps and potential exceptions, and finite in number.	 	Local public authority

Baia Mare Municipality	Green Transition, ICT & Digital Transformation	**P**
Baia Mare City Hall has developed a platform for online payment of local taxes and fees. This supports the digitization process of local public services, making it easier for citizens to pay taxes. During the ordinary meeting of the Baia Mare Municipality Local Council on September 30, 2021, Local Council Decision No. 290/2021 regarding the implementation of the project "Participatory budgeting at the level of the Municipality of Baia Mare" was approved. The project "Priority for life!" includes equipping public spaces in the Municipality of Baia Mare with a network of automatic external defibrillators (AED) and running a campaign to inform and prepare the population for immediate intervention in case of cardio-respiratory arrest. The "Cityapp/Cityhealth mobile application" project facilitates communication between the city hall and citizens, leads to the involvement of citizens in the municipality's projects. Thus, citizens have at their disposal a mobile application through which they can report identified problems, through which they can submit documents or find out information. The application could be used by the town hall to send notifications or consult citizens.	 	Local public authority
Satu Mare Municipality	ICT & Digital Transformation	**P**
Satu Mare Municipality develops a project entitled "Digitalisation, Efficiency, Transparency for Citizens", with purpose of digitization and implementation of software solutions to simplify procedures for citizens by migrating "analog" services (paper, phone call, personal travel) to digital platforms: desktop (website) and mobile (app); E-Municipality platform is a digital instrument for citizens which has the following digital services available: online complaints, GIS office, legal service, online payments, commercial authorization, commercial authorization, the direction of records of persons, public relations service and urban planning.		Local public authority

Bistrita Municipality	Green Transition, Digital Transformation	**P**
Bistrita City Hall has developed, through European funds, an online platform for paying local taxes and fees. E-Municipality platform allows online petitions, appointments can be made for the issuance of identity documents, urban planning documents can be consulted, and parking payments can be submitted online. Green transition - "Bistrita - Zero Carbon City" has become a mission for which we will strive to we implement the best possible solutions. It is a commitment to apply and support the transition to green energy, with the ultimate goal of achieving climate neutrality by 2050..	 	Local public authority
Zalau Municipality	Digital Transformation	P
Participatory budgeting is a process through which the initiatives of the citizens of Zalău can become reality. It is an open, inclusive and transparent process, through which community members are directly involved in formulating decisions regarding the priorities for spending money from the local budget. Participatory budgeting is an open, inclusive and transparent process whereby community members are directly involved in formulating decisions on priorities for spending local budget money. Zalau City Hall has developed e-Municipality platform for online payment of local taxes and fees. This supports the digitization process of local public services, making it easier for citizens to pay taxes. Efforts for the digitization of educational institutions - 6 days ago, a project was approved that consisted of equipping 25 educational units (10 kindergartens and 15 secondary schools and high schools) with equipment for the facilitation that will support and help in the education of children.		Local public authority

4.1.2. COLLABORATIVE BUSINESS & INNOVATION SUPPORT STRUCTURES

CLUSTERS

There are 15 clusters in the North-West Region, mostly established as legal NGOs, in sectors such as ITC, wood and furniture, agro-food, energy, creative industries, tourism, geothermal waters, life style, space tech. First clusters have appeared after 2010, following the exchange of experience with Western European countries, facilitated by several European projects run by North-West RDA. In 2012 and 2013, following two first open calls dedicated to cluster creation and development, several clusters gained financing and have consolidated their management capacity, service offer towards members, own shared infrastructure, national and European partnerships.
During 2014 and 2015, North-West RDA helped 4 clusters in the region gain first BRONZE label cluster management recognition from the European Secretariat of Clusters Analysis (ESCA) and benefit from first cluster management training.
Nowadays, there are 3 GOLD Label Clusters in the region, one SILVER Label cluster and one BRONZE. All clusters have their headquarters in Cluj-Napoca, except two (CLEMS in Bistrita and Clustherm in Oradea).

The following clusters are active in BOOST target sectors:

Name of the organization	Fields/sectors covered	Legal status
Transilvania IT Cluster (TIC)	**ICT** Verticals : Industry 4.0, Health	**PR**
Transilvania IT Cluster works at the intersection between entrepreneurship, researchers, innovators, and public administration, pushing forward discussion and action around digital transformation and thus enhancing community development through digitisation. TIC has 140+ members, among which 37 startups, 13 small companies, 48 medium companies, 30 large companies and 20 NGOs (including the Babeș Bolyai University). Ecosystem synergies and innovation support via Enterprise Europe Network, Horizon, UAI, Digital Europe projects and other national funded projects. It is a GOLD Label cluster until 2023/08/31.		NGO having private and public members

Cluj IT Cluster	**ICT** Verticals: Industry 4.0, Health, Smart Green City	**PR**
Founded in October 2012, Cluj IT is an innovation based value chain network of Romanian IT companies and related organizations with the purpose of increasing the competitiveness and growth of IT services and products on international markets and of creating a strong sustainable public – private partnership in order to improve the life quality of the community we are part of. Regarding members, Cluj IT Cluster has 70+ companies with over 6000 employees in the IT field, 14 universities and research centers with over 85000 students and 11 public institutions and catalyst organizations. Ecosystem synergies and innovation support via Enterprise Europe Network, Horizon, UAI, Digital Europe projects and other national funded projects. It was a SILVER Label cluster until 2018/10/19.		NGO having private and public members
Transylvanian Furniture Cluste **(TFC)**	Furniture - manufacturing/ Industry 4.0	**PR**
Transylvanian Furniture Cluster (TFC) is an associative structure (NGO) that represents the interests of the furniture industry since 2012. TFC includes members in the following categories: SMEs, 10 Universities, public schools and research units, 2 public administrations and 9 supportive catalysts. Collaborations that occur between members of TFC or between the cluster and external partners create their own value chain, based on mutual trust, openness, opportunities and benefits for all involved. TFC develops networks and mechanisms that are able to accelerate the exchange of ideas, good practices, innovations and skills from one member to another, regardless of the geographical distance between them. Creation of infrastructure projects (including an excellence center for furniture testing) and a wide portfolio of services to members, funded from FESI, national projects and UAI, Erasmus+, Horizon and Digital Europe programs. It was a GOLD Label cluster until 2022/11/13.		NGO having private and public members

Transylvania Energy Cluster **(TREC)**	Energy – green	**PR**
TREC was born as a result of the awareness of local actors on the importance of changing the perception related to the capitalization of renewable energy resources and the opportunities resulting from their correct exploitation. Transylvania Energy Cluster Transylvania Energy Cluster aims to ensure an efficient framework for cooperation between its members, in order to obtain tangible benefits, represent their interests towards third parties and promote the production and use of energy from renewable sources. Transylvania Energy Cluster has so far 41 members, of which 27 companies, 3 universities and educational institutions, 3 research institutes, 2 public authorities and 6 catalyst institutions. Several infrastructure projects funded from FESI and national projects and member of TDIH. It is a GOLD Label cluster until 2023/07/31.		NGO having private and public members
AgroTransilvania Cluster **(TREC)**	Agrofood manufacturing – Agriculture 4.0 and green technologies	**PR**
AgroTransilvania Cluster is a professional association of 79 members in field of agri-food (including input suppliers, farmer associations, processors, 3 universities, 5 research institutes, 1 commercial bank, 1 television, 2 consulting companies, 3 local/regional authorities, distributors, catalyzing institutions.) Through its activity, AgroTransilvania Cluster started and developed collaboration relations in the field of representation, commercial, development, research, etc. with entities (commercial, research, administrative, etc.) not only from Romania, but also from European countries, members of the European Union. The cluster acts as a pole of growth, innovation and integration in the agri-food sector, with the purpose to facilitate and orchestrate the related and complementary relations between all the actors involved, in a joint effort to turn individual competitive advantages into mutual benefits, and, subsequently, to pool all the resources held in a complex process of value growth added in the targeted sector. Regarding members, ATC has 48 enterprises, 8 RDI and education organizations, 20 catalyst entities and 2 public institutions. Several infrastructure projects funded from FESI and national projects, Horizon projects. It is a GOLD Label cluster until 2024/03/31.	 	NGO having private and public members

Eco-innovative Cluster for a sustainable environment (CLEMS)	Environment technologies - green	**PR**
The ECO-Innovation Cluster for SUSTAINABLE ENVIRONMENT consists of businesses, universities, research institutes, public authorities and other catalyst organizations. Founded in February 2016, CLEMS is oriented towards identifying the strengths and the opportunities in the sector, in order to connect the different stakeholders and to implement collaborative projects in the field of research - development - innovation, with the stated aim to support increased competitiveness of the cluster and of each member, both on national and international levels. In order to achieve these objectives, CLEMS involves eco-innovation in identifying ways to reduce the organizations' processes, products and services and of the society's impact on the environment, in the benefit of its members and with an impact on the society as a whole. Whether it's about finding a more energy-efficient process or a way to address environmental problems or the replacement of a production method with excessive pollution, the applications have a very broad spectrum. The CLEMS initiative was born as a catalyst for increasing the competitiveness of the eco-innovative sector in Romania and for finding solutions to the challenges that the organizations in this sector confront. Regarding its team, CLEMS has 18 members, 86000 students and 2000 employees. It was a BRONZE Label cluster until 2023/02/28.		NGO having private and public members
Romanian New Materials Cluster (RNMC)	Manufacturing – Industry 4.0	**PR**
Romanian New Materials Cluster is an association consisting of 18 companies, created with the aim of increasing the economic competitiveness of both the Romanian business environment and the members of the Association, both nationally and at international level. Their mission is to increase the competitiveness of the business environment in Romania by creating and developing a favorable framework for the performance of Romanian New Material Cluster members, increasing research – development – innovation activities and stimulating collaboration between members of the association and businesses or other entities. It was a BRONZE Label cluster until 2020/09/26.		NGO having private and public members

Transylvania LifeStyle Cluster	Manufacturing/ cosmetics, Health, Tourism	**PR**
Cluster without legal personality, managed by the Association of Entrepreneurs Cluj (APM). Involved in European Clusters Partnership projects (ESCP-4i) and in the Go4Cosmetics S3 Initiative, focused on the cosmetic industry. The purpose of the TRANSILVANIA LifeStyle Cluster is to improve the quality of life, to integrate and support small and medium-sized enterprises (SMEs), to develop research and innovation units as well as to implement partnerships that follow the standards raised by life. Currently the cluster is partially active, having dedicated non permanent staff.	 	NGO having private and public members
Clustherm Transylvania Cluster	Geothermal waters – energy, manufacturing/ cosmetics, green	**PR**
Reborn after 10 years after a former FP6 project led initiative managed by NW RDA, the cluster was formally established in 2020, led by Oradea Municipality. It has … founding members, among which … companies, .. public authorities having geothermal waters in administration. *Currently the cluster is inactive.*	 	NGO having private and public members
Space Tech Cluster	Aerospace technologies & manufacturing	**PR**
We are an NGO that opens a new path for local economic development based on aerospace technology, a sector of global financial interest. As Romania has the necessary key elements needed to create cutting edge space technology starting from components manufacturing, engineering, design, IT and R&D development, we are just bringing together the pieces needed to create a regional economic infrastructure with interest in aerospace applications. This cluster partnership intends to bring valuable aerospace projects, to help create a talent pool of technically specialized people, to support the development of the involved parties, to boost the cooperation between stakeholders and create a collaboration with other aerospace associations/ clusters abroad.		NGO having private and public members

Education Cluster C-Edu	Transversal	PR - PP
C-Edu Cluster was initiated in 2020 from the initiative of Cluj-Napoca Municipality and reunites all 6 public universities in the city, one international private school, Cluj County Council and Cluj Schools Inspectorate. It is a pseudo-cluster, since there are no business members. It is designed as a space for dialogue and collaboration between the main actors involved in formal education, with the aim of supporting young people in their professional training. C-EDU aims to contribute to the improvement of the environment in which the education and training of pupils and students takes place, to the promotion of the value of lifelong learning and to the creation of a relationship of dialogue and collaboration between actors in education, the economic environment and the community. It runs several initiatives, among which **FIX Cluj - Innovation and Experiment Fund of Cluj-Napoca city**, provides acceleration services and funding for youth to develop innovative ideas that can help the city grow.		
Transylvania Creative Industries Cluster (TCIC)	Transversal	**PR**
The goal of setting up this cluster is to support the development of members by identifying and promoting initiatives capable of generating innovative products and services, as well as creating research, development and innovation projects to strengthen the cluster itself. Also, the cluster is aimed at increasing the competitiveness of enterprises in the field of creative industries, based on the intensive use of knowledge, as well as supporting and promoting projects of common interest, including big projects, cross-border, through the creation of collaborative mechanisms. TCIC has a total number of 48 member organizations, 34 SME members, one large company, 5 research organizations/universities/technology centers. Infrastructure projects funded from FESI and UAI and members of TDIH. SILVER labeled cluster. The cluster has no dedicated staff and is managed by Cluj Innovation Park.		NGO having private and public members

Six clusters have been created in the North-West Clusters Consortium and in 2021 have turned the partnership into a legal status NGO – SMART Transylvania Association. The cluster members are: TIC, TFC, ATC, TCIC, RNMC.

DIGITAL INNOVATION HUBS (DIHs)

There are two DIHs in the North-West Region, established in 2020 as collaborative partnerships between clusters, universities, research institutes, companies and public administration. They have been created following the EC guidelines to strengthen the collaboration between facilitators of innovation and business support actors. They concentrate on supporting companies towards digitalization and are both orchestrated by the two ITC clusters based in Cluj-Napoca. In 2021 both DIHs were approved at national level following the EU competition and in 2022 they were both recognized as European Digital Innovation Hubs (EDIHs), receiving multiannual funding both from EC through the Digital Europe Prgoramme and from FESI Romania – from POCIDIF operational program.

Name of the organization	Fields/sectors covered	Legal status
Transilvania Digital Innovation Hub (TDIH)	ICT, manufacturing/ Industry 4.0, Health	**PP**
Transilvania Digital Innovation Hub is the engine of innovation and digital transformation in the Nord-West region of Romania. It was established in 2017 by Transilvania IT Cluster in collaboration with 4 other clusters covering Wood Manufacturing, Agrofood, Energy & Creative Industries sectors from the North-West region of Romania. Now, Transilvania DIH represents a strong consortium of 12 partners: 2 Universities, 1 City Hall, 1 R&D institution and 8 clusters that have been funded through the Digital Europe Programme, as a one-stop-shop that boosts innovation and digital transformation mainly for SMEs and Public Service Organizations, as part of the European Digital Innovation Hubs network (EDIH).		Partnership not legally formalized
DIH4Society	ICT, manufacturing/Industry 4.0, Health, Smart City	**PP**
The Digital Innovation Hub for a Smarter, Safer and more Sustainable Society (DIH4Society) is a digital transformation and innovation enabler located in thE North-West Region of Romania, established in 2015 and recognized as fully operational by the European Commission. DIH4Society brings together and coordinates a complex ecosystem led by 4 consortium partners (Cluj IT Cluster, Technical University Cluj-Napoca, University Oradea and Chamber of Commerce and Industry Bistrita-Nasaud). Over 50 relevant actors participate in the associated network (technology solution providers, universities, research centres, cluster initiatives, chambers of commerce and industry, EEN members, SME associations, education and business development services, banks and financing actors. We maintain active collaborations with public administrations and the NW Regional Development Agency.		Partnership not legally formalized

4.1.3. BUSINESS SUPPORT STRUCTURES AND INFRASTRUCTURE

CHAMBERS OF COMMERCE

Chambers of Commerce are public utility organizations that develop the business environment and the activity of enterprises. In the North-West Region there are 6 Chambers of Commerce in Bistrita-Nasaud, Salaj, Cluj, Satu Mare, Maramures and Bihor County.
The Chambers of Commerce and Industry are institutions with long traditions and special, defining results in the organization and functioning of the business environment, the Chambers realizes its mission and prerogatives in full accordance with the provisions of the Romanian Chambers of Commerce Law no. 335/2007. The Chambers carry out their activity on the territory of each county. They are organized and function according to the law and its own Statute approved by the General Assembly of its representatives. The members of the Chamber of Commerce and Industry are representatives of enterprises, economic operators, natural or legal persons, professional associations or employers' organizations, etc. which define all sectors of the county's economic life. The Chamber of Commerce and Industry is self-financing. It has the capacity to vote on its own budget. Part of its resources come from members' contributions, taxes and fees charged for the activities or services performed, respectively from commissions, commercial arbitration, etc. Based on the voluntary association of its members, the Chamber represents the interests of the local business community vis-à-vis authorities and bodies from the country and abroad. The Chamber has total autonomy of action in its area of coverage (county) for the development of the economy and entrepreneurial activity, being subordinate only to the General Assembly of its members.

To fulfill its mission and promote economic development and international cooperation, the specialists of the Chamber of Commerce and Industry offer: business consultancy; international partnerships; commercial arbitration; business information; training and professional development; promotion: fairs and exhibitions, exports, investments, promotion of events in *Business Gazette.*

INDUSTRIAL PARKS

The most visible business support structures in Romania are the industrial parks, which can be the result of public, private or even public-private initiatives. According to MDRAP data from 2022, from 106 such existing structures at national level that acquired the title of industrial park, a number of 25 are located in the North-West Development Region.

Of the 25 mentioned industrial parks, 6 are located in rural areas, the rest being located in urban areas. In the period 2007-2013, 5 parks benefited from non-refundable financial aid (four through the ROP and one through the Hungary-Romania Transfrontier Cooperation OP). Three of these projects (TETAROM 1 Cluj, ARC Parc Industrial Dej and Eurobusiness Parc Oradea) were projects to expand the existing infrastructure and two aimed at the creation of new industrial parks (Bistrița and Satu Mare).

Name of the organization	Fields/sectors covered	Legal status
Business Park Bistrița South (BPBS)	Industry 4.0, ICT & Digital Transformation	**PR**
"Business Park Bistrița South" (BPBS) is an industrial park located within Bistrița City. The industrial park infrastructure will be achieved through a project financed under the Regional Operational Programme 2007-2013. Industrial parks are a tool for local development as a whole, and the role of the local authorities is to promote the establishment and development of these business infrastructures.		IP having private members
Eurobusiness Oradea I	Industry 4.0, ICT & Digital Transformation, Cleantech and Green Transition, Health & Well-being	**PR**
Eurobusiness Oradea I is an industrial park strategically located in the administrative area of NW Romania in Oradea City, having a street front of 1.2 km on E60, with direct links to important trade routes. Oradea Industrial Park I is the largest industrial park in Oradea and Bihor county, being spread over 130 hectares. The park was established in 2008 and is currently over 90% occupied by major companies such as Eberspacher, Emerson, Faist Mekatronic, Plexus, SHC, Astor Mueller, etc.		IP having private members
Eurobusiness Oradea II	IIndustry 4.0, ICT & Digital Transformation, Cleantech and Green Transition	**PR**
Oradea Industrial Park II is an industrial park located 2.5 km from Oradea city center and offers 83 ha of greenfield land. The park pertains to a wide range of economic sectors: manufacturing, processing, financial, banking, consulting, design, research, development and business management activities, distribution and logistics activities, service industries, SME incubation.		IP having private members
Eurobusiness Oradea III	Industry 4.0	**PR**
Oradea Industrial Park III was established in May 2015 and is located in the industrial area of Oradea, with access to an industrial road, 5 km from the border with Hungary. The park is currently completely occupied.		IP having private members

Eurobusiness Oradea IV		**PR**
Oradea Industrial Park IV is the newest addition to the Oradea Industrial Parks, with 6.5 ha of greenfield land. The park is underdevelopment, but upon its completion it will be divided into 24 lots, each with a surface between 1500-3300 m2.	Under development	IP having private members
Industrial Park Sacueni	IIndustry 4.0, ICT & Digital Transformation	**PR**
The Săcueni Industrial Park is located in the city of Săcueni in Bihor County, at a distance of 43 kilometers from Oradea and 5 kilometers from the border with Hungary, with direct access to the DN 19D National Road. The nearest highway is Autostrada Transilvania (A3) located approximately 27 kilometers away. The park has a total area of 5.03 ha, split into 6 lots that are all currently available.		IP having private members
Tămășeu Industrial Park	Industry 4.0	**PR**
The Tămășeu Industrial Park is located in the Tămășeu commune of Bihor county, at a distance of 21 kilometers from Oradea and 23 kilometers from Vama Borș, with direct access to the National Road DN 19. The nearest motorway is the M3 motorway in Hungary located approximately 55 kilometers away. The park has an area of 7 hectares, and in the next period the managing company will start the procedures for obtaining the industrial park title.		IP having private members
Tileagd Industrial Park	IIndustry 4.0, ICT & Digital Transformation	**PR**
The Tileagd Industrial Park is located in the Tileagd commune of Bihor county, 37 km from the Hungarian border, with direct access to the European Road E60. There are nine lots totaling 9.3 hectares, some of which are available.		IP having private members

Tetarom I	ICT & Digital Transformation	**PR**
TETAROM I is the first industrial park in Cluj County and was inaugurated in 2005. It is located in Cluj-Napoca, the biggest city in the region and one of the most important business and cultural centers in Romania. With over 110 resident companies, the park is fully occupied. These companies invested approximately 150 million Euros and created over 3500 jobs.		IP having private members
Tetarom II	ICT & Digital Transformation	**PR**
TETAROM II is the second industrial park opened in Cluj County. It is located in Cluj-Napoca, the biggest city in the region and one of the most important business and cultural centers in Romania. The park has been fully occupied by Emerson SRL, the representative in Romania of the American corporation Emerson Electric, since 2007. The Emerson company made an investment of approximately 150 million euros here, creating more than 2,800 jobs.		IP having private members
Tetarom III	Industry 4.0, ICT & Digital Transformation, Cleantech and Green Transition, Health & Well-being	**PR**
TETAROM III is the 3rd industrial park founded by the Cluj County Council. The park has an area of 154 ha and is located in the Jucu commune, 22 km away from Cluj-Napoca. The park is fully occupied, the most significant investors being Bosch, De'Longhi, Transilvania Construcții, Karl Heinz Dietrich. The resident companies created more than 7500 jobs and invested an estimated value of over 600 million Euros.		IP having private members

ARC Industrial Park	Industry 4.0.	**PR**
ARC Industrial Park is the first private industrial park in the North-Western Development Area of Romania. The park is located at the entrance of Dej city, Cluj county, 48 km away from Cluj-Napoca, the second-largest university and economic center in the country. The total administered terrain surface of 40,185 ha is entirely flat and buildable. The park is positioned at the intersection of the main regional and national energy grids, gas lines and international train and traffic roads. There are currently 18 companies in the park, and the occupancy rate is at 42.2%.		IP having private members
Aries Industrial Park	Industry 4.0, Health & Well-being	**PR**
Aries Industrial Park is a 54.4 hectare industrial & logistic park situated in Turda, Cluj County, at a distance of 25 km from Cluj-Napoca, the biggest city in the region and one of the most important business and cultural centers in Romania. Aries Park is a modern project of industrial halls with storage or production spaces, having a maximum potential to accommodate 235,000 sq m of construction.	 	IP having private members
Cluj Innovation Park	Industry 4.0, Health & Well-being	**PR**
With its two centers – CREIC and TEAM, Cluj Innovation Park is a creative community where innovation, education, and development have all found their place. The park provides office and coworking spaces, event or meeting spaces, micro-production workshops, spaces for the film industry (film studio, media production spaces) and more. It also has event terraces, an outdoor amphitheater, plots of land, micro-production halls, creative workshops and sufficient parking (indoor & outdoor).		IP having private members

Jibou Industrial Park	Industry 4.0	**PR**
Jibou Industrial Park has a total area of 22 hectares and was built in 2006. It is located in Jibou city (Sălaj county), placed on the meadows of the river Someș, in the central area of the North-Western region. The park has the benefits of an excellent logistic position, due to its proximity to 4 major cities (Cluj-Napoca, Oradea, Satu-Mare, Baia Mare), 3 of which have an airport. Companies interested in setting up in this park must operate in non-polluting industries.		IP having private members
Câmpia Turzii Industrial Park	Industry 4.0	**PR**
Câmpia Turzii Industrial Park is a 10-hectare industrial park situated in Câmpia Turzii, Cluj County, at a distance of 40 km from Cluj-Napoca, the biggest city in the region and one of the most important business and cultural centers in Romania.		IP having private members
Schwaben Business Park Petreşti		**PR**
The "Schwaben Business Park and Consultancy Center" project was implemented through the Hungary-Romania Cross-Border Cooperation Program 2007-2013 and is financed by the European Union through the European Regional Development Fund, supplemented by the national co-financing of the two member states participating in the program, Hungary and Romania. An 11.8 ha industrial park was built in Petreşti, and a professional consulting center in Vállaj, especially for small and medium-sized enterprises on both sides of the border.	Under development	IP having private members
MG TEC Industrial Park		**PR**
MG TEC is the first greenfield industrial park in Dej city, Cluj County. The park unfolds on an area of 24.9 ha, the land being owned by MG TEC Grup S.A, which has as main object of activity real estate administration. The administrator offers management and consulting services to companies in all directions (Legal Department, Financial Department, Quality - Environment Department, Human Resource Department, Technical Department, OHS Department, IT Department). The park was established in 2017 and is currently 66.2% occupied.	Under development	IP having private members

West Park Oradea		**PR**
West Park Oradea is a 5.42 ha industrial park. It is located in Oradea, on Calea Borșului, approximately 4 kilometers from Borș customs on the border with Hungary, and 70 kilometers from the M3 freeway in Hungary. The park is currently under construction.	Under development	IP having private members
Nord Carei Industrial Park		**PR**
The Nord Carei Industrial Park covers an area of 22 ha. The park is located in the North of Carei municipality, Satu Mare county. The land is divided into 32 industrial plots plus the administrative building which will be placed at the entrance of the park. The plots are adjacent to the water plant and close to some production units.	Under development	IP having private members
Nervia I		**PR**
Nervia I is 24.42 ha industrial park located in Apahida, right outside Cluj-Napoca, the biggest city in the North-West region and one of the most important business and cultural centers in Romania. With its proximity to the Cluj-Napoca airport and customs, this industrial park is ideal for logistics and production. The park is currently 70% occupied.	Under development	IP having private members
Nervia II		**PR**
Nervia II is a logistics park located between Turda and Câmpia Turzii, Cluj county. The park is located only 45 minutes away from Cluj-Napoca, the biggest city in the North-West region and one of the most important business and cultural centers in Romania. The 32 ha area is divided into two land bodies of 8 ha, respectively 24.5 ha, connected by a road.	Under development	IP having private members
Industrial Park Agriș		**PR**
Industrial Park Agriș is under construction.	Under development	IP having private members

Industrial Park Moldovenești 1		**PR**
Industrial Park Moldovenești 1 is under construction.	Under development	IP having private members
Industrial Park Moldovenești 2		**PR**
Industrial Park Moldovenești 2 is under construction.	Under development	IP having private members

SCIENCE & TECHNOLOGY PARKS

Science and Technology Parks (STP) are physical spaces that provide a space for collaboration between universities, research organizations and companies whose basic objective is to favor the generation of knowledge in distinct sectors, starting from the integration of scientific, technological and industrial interests but also the transfer of technology.

Although there have been some initiatives in this sense, at the moment there are no such functional structures in the North-West Region. Tetapolis, a STP established 10 years ago by the association of Cluj local administration and few universities, has remained at an incipient level to the date.

The construction of Bihor Scientific and Technological Park, an initiative of the Bihor County Council together with Bihor Industrial Park and the University of Oradea, is to be financed, the total value of the project amounting to approximately 7 million euros. This science and technology park is under construction and it benefited from non-refundable financial aid by Regional Operational Programme 2014-2020.

Name of the organization	Fields/sectors covered	Legal status
TETAPOLIS		**PP**
TETAROM, in partnership with the International Association of Science Parks (IASP) has started the project entitled TETAPOLIS Science and Technology Park in Cluj-Napoca in 2013. The project is focused on the construction of a new medium sized science and technology park based on the main assets of the region and the city, the available academic resources, the high rate of specialization as well as the TETAROM experience in developing and managing entrepreneurial infrastructures. The mission is to create a powerful current of new technology-based companies and to become an excellency and attractivity pole for the major industries in this sector. Also, the park is established in order to increase the research activities and application of advanced technologies in economy with the purpose of increasing participation of accredited higher education institutions and research and development organizations in the process of socio-economic development through science and technology.	Under development stage for some years	Public-private partnership
Bihor Scientific and Technological Park		**PP**
The scientific and technological park is under construction and will include an office building, laboratories and spaces for the organization of events, in which research activities and technological transfer of research results are carried out with the aim of exploiting them in economic activities.	Under development	Public-private partnership
Liberty Technology Park	IT&C și R&D	**PR**
Liberty Technology Park Cluj, the first technological park in Romania, a park for creative ideas built in a revolutionary place designed to offer exceptional growth and quality environment for companies in the IT&C and R&D domains, all in one unique area both conceptually and architecturally. More than an ecosystem for companies in the IT&C and R&D domains, Liberty Technology Park Cluj offers the best office spaces class A in Transylvania, a wide range of services and premium facilities for top companies. The technology park also includes an event area, conference.		IP having private members

BUSINESS INCUBATORS

Until now, not many business incubators were operational in the North-West Region of Romania. In the 2014-2020 programming period, through the Regional Operational Program, Investment Priority 2.1, Call for projects 2.1B - "Business Incubators" 7 business incubators are currently funded for construction (with a total project value of over 28 million euros, of which 76 million non-refundable funding): 4 in Cluj county and 3 in Bihor countryland one in Maramureș. Three of these projects are to be implemented by public authorities, the rest being private initiatives.

Name of the organization	Fields/sectors covered	Legal status
TETAROM Incubator	ICT & Digital Transformation	**PP**
The oldest incubators in the North-West Region operates within the TETAROM 1 industrial park in Cluj. The business incubator is intended to support start-up companies. The main objective is to attract students interested in promoting valuable business ideas and young people who want to develop an innovative business. TETAROM SA concluded a collaboration protocol with the academic environment in Cluj-Napoca with the aim of: capitalize on the important human resources generated by Cluj universities and support through scientific research, innovation and technological transfer. It has 1.120 m2 of office space, one multifunctional showroom hall and one conference room.		Public-private partnership
ABC Incubator	ICT & Digital Transformation	**PR**
ABC Incubator, run by Arobs Business Center SRL, provides a complex support system for early stage technology companies in the IT industry. Developed in Cluj-Napoca and opened in 2021, ABC Incubator is a complex, 360-degree concept that will offer facilities, services and benefits to the most valuable technology startups. ABC Incubator offers the infrastructure and environment conducive to the development of future IT companies from Cluj-Napoca and beyond. It is designed as a creative and friendly ecosystem to support the growth and development of innovative businesses, offering them support during the first 3 years of existence. Residents are offered co-working spaces with state-of-the-art equipment, benefit from assistance in accessing non-reimbursable funds, mentoring from specialists with considerable expertise in technology and entrepreneurship, are invited to networking events and training courses.		

Creative Incubator Oradea Pomezeu Bio-Economy Incubator Transylvania Furniture Incubator ARC Park Dej Incubator "Cresc Oradea Mare" Incubator "Techville by CBC"	Under development	**PP-PR**
All these incubators are the result of the 2014-2020 financial support of the Regional Operational Program, Investment Priority 2.1, Call for projects 2.1B - "Business Incubators". They are under construction with a total project value of over 140 million euros, of which 76 million non-refundable funding.	 	

BUSINESS ACCELERATORS

Business accelerators have a mission to improve the ecosystem of start-ups, helping them to develop quickly on the international branch.

Name of the organization	Fields/sectors covered	Legal status
Spherik Accelerator	ICT & Digital Transformation	**PR**
Spherik was the first accelerator launched in Romania (Cluj-Napoca) whose mission is to connect startups with strategic resources and support the growth of the local ecosystem. Since 2013, their programs have promoted entrepreneurial education and mindset (pre-acceleration phase), helped great teams achieve significant business growth (acceleration phase) and contributed to the development of the innovation ecosystem (post-acceleration phase). For 3 years in a row: 2016, 2017 & 2018, Spherik has been awarded the Best Accelerator And Incubation Program in Romania title, by the Central European Startup Awards. In January 2018, Spherik Accelerator joined the Startup Europe Club and became the Romanian Startup Europe Ambassador.		Business accelerator having private members

Techcelerator	ICT & Digital Transformation	**PR**
Techcelerator is an early-stage technology startups accelerator born in Romania in 2018 and backed by GapMinder VC, a 45 mil EUR fund. Techcelerator's vision is to become the 1st choice for SEE startups when looking for partnerships of investment, working with startups from various industries, engaging with the latest technologies and supporting founders with big dreams. The key domains are: alternative financing, eCommerce, payments & digital wallets, personal finance, asset management & capital markets, open banking, SaaS, security and fraud prediction, blockchain, data & predictive analytics, reg tech, enterprise solutions.		Business accelerator having private members
Risky Business	Industry 4.0, ICT & Digital Transformation	**PR**
Risky Business accelerator is based on global best practices combined with our 5+ years working as a team supporting startups and our own experience as founders. They claim to be industry and stage agnostic, supporting startups at any stage, from idea to scaling and beyond. We focus on what your startup needs, not slapping a "one-size-fits-all" framework on it and calling you accelerated. We don't waste your time with workshops that don't address your needs or endless nonsense. We generally work only with startups we intend to invest in, and establish clear roadmaps towards that goal. Because we work with private money, we are very selective with the startups we invest time and money in, allowing us to provide strong support to each startup. Our support focuses on the five pillars of early-stage startup success: product, go-to-market, team, investment, and network.	 	Business accelerator having private members

InnovX-BCR	Industry 4.0, ICT & Digital Transformation	**PR**
InnovX-BCR is an accelerator dedicated to technology businesses developing solutions for domains such as cyber-security, fintech, AI, machine learning, robotics, cloud, automation, or microservices. Businesses can sign up for the program in the following categories: Startups - companies with turnover or funding raised between €500,000 and €1 million, Scaleups - businesses with turnover or funding raised between €1 million and €5 million, developing innovative technology solutions and products. At the end of last year, the InnovX-BCR technology business accelerator completed its first program dedicated to venture capital investment funds in the Central and Eastern European region. Of the 14 teams participating in the program, 6 of them became alumni and are set to open venture capital funds with the aim of investing €155 million in technology start-ups in Central and Eastern Europe in the coming years, with a focus on the Romanian market.	 	BCR Bank - Business accelerator having private members
Innovation Labs	ICT & Digital Transformation	**PR**
Innovation Labs is a pre-accelerator programme developed by the Romanian American Foundation, Tech Lounge, The Politehnica University in Bucharest implemented in the North-West Region of Romania by Transilvania IT Cluster. This acceleration programme is dedicated for young tech founders and startups. The program targets students and graduates from technical universities and from communication, business and creative fields for the 3-month mentoring adventure of team work, intensive prototype development and mentorship, exploring Romania's growing startup ecosystem. The participants are empowered to develop proof-of-concept solutions and products using cutting edge tech with the support of top mentors in the ICT and business industry. The teams accepted in the program will work during the mentoring program to develop prototypes for their idea through user testing, design work, business modeling and product validation in weekly courses and workshops in a variety of fields.		Romanian American Foundation, Tech Lounge, The Bucharest Politehnica University, Transilvania IT Cluster

KPMG Startup Grow Pad	ICT & Digital Transformation, Cleantech and Green Transition	**PR**
KPMG Startup Grow Pad-An acceleration program for startups was launched today by KPMG Romania and Spherik Accelerator. KPMG in Romania has teamed up with Spherik Accelerator to help startups find the right resources and financing they need to develop and grow. The project will be known as KPMG Startup Grow Pad. Participants will have access to experienced mentors, who can help them plan the next steps for the development of their businesses, as well as assistance in identifying potential customers. They will also be given help in finding and securing financing. A set of objectives will be agreed at the start of the project, and the aim is that, by the end of the program, the business will have gained important knowledge, skills and access to potential investors, and be in a better position to succeed.	 	Acceleration program developed by KPMG
LevelUP Health & Life Sciences Accelerator	Health	**P - assimilated**
LevelUP Accelerator is the First Health & Life Sciences Accelerator in Romania, developed by INNO Department of North-West Regional Development Agency through the EIT Health Drive project. LevelUP Health & Life Sciences Accelerator is an intensive 6-month program specifically designed to accelerate early-stage startups (under 3 years) who offer a solution in the life sciences field. During the accelerator, teams will receive support from experts on topics such as: discovering and understanding customers, developing and validating solutions, attracting funding, marketing, or sales.		North-West Regional Development Agency -INNO Department

ROTSA (Romanian Tech Startups Association)	ICT & Digital Transformation	**PR**
Romanian Tech Startups Association is a non-profit, apolitical and non-governmental organization. They are an umbrella organization that aims to promote, support and represent the interests of tech startups in Romania. ROTSA brings together the main actors of the national ecosystem of tech startups, facilitating their communication and creating connections and partnerships between them. They are launching an invitation to create a sustainable national framework for the development and growth of the Tech Startups ecosystem. So, their vision is to develop and support the ecosystem of tech startups, being at the same time a connector of its main actors and a link with international ecosystems. Startup Reaktor is an incubation platform developed by ROTS, created to connect hundreds of early-stage tech startups, scaleups, investors, accelerators, corporate networks, universities and the media from CEE.		NGO - Business accelerator having private members
MakeITinOradea	ICT & Digital Transformation	**PR**
MakeITinOradea is a non-profit initiative developed by a couple of tech local companies with tech and IT profiles and the local administration. Their purpose is to boost, develop and promote local IT&C talent and creative startups. The initiative is built on three pillars: mentoring and funding for tech startups, scholarships for high school and university students following a tech curriculum, tax incentives for office buildings that host IT&C companies.		NGO - Business accelerator having private members

Cluj Startups	ICT & Digital Transformation	**PR**
Cluj Startups was founded in 2012 from the desire of connecting with other startup founders, the mission of Cluj Startups is to support and facilitate the growth of the startup ecosystem in Cluj/Romania. Thus, through Cluj Startups a framework is given that is thought to help you reach your goal. Moreover, they want to support your cause by giving access to their network (investors, mentors, startup founders, event organisers, possible employees etc). In addition, they give business know-how support and visibility within their community members. The group grew from a few members to 3000 people and hundreds of events/meetups that they organised, supported or promoted to them.		NGO- Cluj Startups is a volunteering project with the mission to support the local startups
Activize TECH	ICT & Digital Transformation	**PR**
Activize TECH focuses on acceleration programs, fundraising support, reports about the startup ecosystem and startup scouting in Romania and Eastern Europe. Activize TECH has been involved in the startup ecosystem since 2012 and has provided services for startups and organizations (public and private). Their mission is to contribute to the growth of the European tech & startups ecosystem by leveraging the needs and strengths of various regional ecosystems and existing networks. Moreover, they worked closely with 100+ organizations and had an impact on over 1000 startups. Organizing hackathons, connecting startups with angel investors and VCs, providing mentorship on fundraising and creating yearly reports made Activize an active player in Romania and the Eastern Europe startups ecosystem.		NGO - Private entity which providers to start-ups acceleration programmes

Fresh Blood	Health	**PR**
Fresh Blood is a non-governmental organization that supports health innovation by connecting innovators to things that they need, providing feedback and mentoring. They started as a group of people passionate for innovation. They believe that the world can be changed for the better by transforming ideas into projects and projects into reality. Moreover, they collaborate with engineers, doctors, and anyone willing to help change the world for the better. At FreshBlood Health Tech, the focus is on improving healthcare through technology. EIT Health is a network of best-in-class health innovators with approximately 150 partners and is supported by the European Institute of Innovation and Technology (EIT), a body of the European Union. We collaborate across borders to deliver new solutions that can enable European citizens to live longer, healthier lives.		NGO - Business accelerator having private members
IXperiment	Innovative ideas	**PR**
iXperiment is the first start-up accelerator created for high school students in Romania, a laboratory where teenagers come up with the most creative ideas to solve society's problems and create innovation. To bring these ideas to life, iXperimenters gain access to human, informational and material resources within the private system, being part of a community of top entrepreneurs and experts from national and international level.	 	Private entity

Future Makers	Industry 4.0, Health, ICT & Digital Transformation	PR
Future Makers is a start-up incubator for future-oriented business ideas ready to test the market. In its 6th edition, Future Makers engages 40 start-ups founded by young entrepreneurs from 5 countries in Central and Eastern Europe. This year will come with a novelty, Future Makers will host 3 incubators focusing on different business areas: Future Makers Health, Future Makers Open Innovation, and Future Makers Sustainability. Future Makers 2023 is designed to support participants in building their business model, creating a comprehensive business plan, developing an executive summary, creating a business deck, and perfecting their elevator pitch. The program features a team of 60-80 international trainers, mentors, and experts who bring their expertise to the program.		Virtual business incubator having private members

HUBS / CO-WORKING SPACES

In recent years, in terms of business support structures, one can see the exponential increase in the number of new generation structures, such as co-working offices, various business hubs, etc. This trend indicates a growing interest in collaboration by young entrepreneurs, especially in high-tech sectors, thus contributing to the acceleration of spill-over effects and the exchange of information between innovative start-ups. Most of them are found in Cluj county, they support collaboration in general between new companies and start-ups and - even if they are not addressed to a specific sector - they have an important IT component.

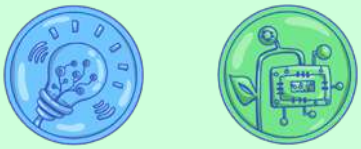
Name of the organization	Fields/sectors covered	Legal status
Cluj Hub	ICT & Digital Transformation	PR
Cluj Hub is the biggest hub in Cluj-Napoca and in Transylvania, placed at the 3rd floor of the main shopping building in the heart of the city. It has established a community around, including business people, entrepreneurs and freelancers from the digital and creative area. Cluj-Hub provides all the necessary infrastructure (open and closed offices, conference rooms, exhibition space, dining, terrace) and a range of extensive support services		Private coworking space

QUB - by Cluj Cultural Centre		**PR**
Dedicated space for education, culture, science, learning activities, opened in 2023, has 200 sqm hosted within ClujHub in CLuj-Napoca. Desk facilities dedicated to young people; STEAM Club for professors, high school and university students; Qub Education involved 22 schools from Cluj-Napoca and 15 educational partners, offering 300 practical workshops for over 5000 pupils early.		NGO - Cluj Cultural Centre in partnership with public and private organisation
Silicon Forest	ICT & Digital Transformation	**PR**
Silicon Forest is a community where people can work, play, enjoy life and share experiences with other brilliant guys and girls. Whether you need a desk, office suite, or entire HQ, we create environments that increase productivity, innovation and collaboration. Silicon Forest co-working space offers companies of all sizes the opportunity to reimagine employees' days through refreshing design, engaging community and benefits for all. Silicon Forest is the perfect community to grow your business, look professional for your clients and employees and above all to be part of the coolest and smartest community in town.		Private coworking space
Oradea Tech Hub	ICT & Digital Transformation	**PR**
Oradea Tech Hub is a non-profit organization founded in 2015 by a group of enthusiasts from the tech field. It enjoys the support of most major technology and software companies in Oradea, Oradea City's Hall, and the city's academic environment in achieving its goals.		Private
Hive Public Health	Health	**P**
HIVE Innovation is a growing community of innovators that aims to improve the health and wellbeing of others, while developing innovative solutions to the biggest healthcare challenges. HIVE Public Health is an initiative that belongs to the Babes-Bolyai University.		Public - Babes-Bolyai University

Cluj Cowork	ICT & Digital Transformation	**PR**
Cluj Cowork is a coworking space which embodies a community and work productivity collectively, a space for professionals, productive freelancers, and also a space for various events.		Private coworking space
Office Park	ICT & Digital Transformation	**PR**
Office Park is a coworking space located near Cluj Arena. Office Park`s concept was born from the idea of prosperity and making it easier for you to develop your business in Cluj-Napoca. Location embraces the future with its technology, and we provide smart services, so you don't have to worry about anything else but your success.		Private coworking space
l'atelier - **Co-working space Satu Mare**		
Established in 2018, it offers offices and co-working facilities.		Private coworking space
Catch 22 - **Co-working space Baia Mare**		
Established recently, it offers offices and co-working facilities.		Private coworking space

PRIVATE FUNDS FOR STARTUPS

Business angels, venture investment companies, venture funds, equity.

Name of the organization	Fields/sectors covered	Legal status
Gapminder VC	ICT & Digital Transformation	**PR**
GapMinder is a Venture Capital Fund, targeting IT Software and Services start-ups in Romania and Central Eastern Europe. Founded by Entrepreneurs for Entrepreneurs, GapMinder plans to invest and support the most disruptive and bold innovations pushing limits and creating positive impact for the community and the overall society.		Venture Capital Fund
Fortech Investments	Health Wellbeing; ICT & Digital Transformation	**PR**
Provides resources and knowledge for startups – from capital to recruiting, development or consulting. For mature founders with a start-up that has achieved initial growth, they can offer one of the two rounds (Pre-Seed or Seed).		Venture Capital
RebelVentures	Health Wellbeing; ICT & Digital Transformation	**PR**
The investment branch of RebetDot, a digital product development company; RebelVentures operates as a corporate venture capital fund, reinvesting RebelDot's revenue into startups, as well as tapping into crowdfunding platforms and angel investment		Corporate Venture Capital
Transilvania investments	ICT & Digital Transformation, Cleantech and Green Transition	**PR**
Transilvania Investments is one of the largest investment funds in Romania with a long and relevant experience on the Romanian capital market. The fund manages diversified assets, having in its portfolio companies from the financial, tourism, real estate, energy and IT sectors.		Investment fund
Transylvania Angels Network	Health Wellbeing; ICT & Digital Transformation	**PR**
T.A.N. is not an investment fund, but it has the role to facilitate connections and investments, to support the growth of the local startup ecosystem. Startups need access to both funding and mentoring. Investors need to learn which startups are worth investing their time and money. Transylvania Angels Network fulfills these important needs for both parties.		Angels network

ROCA X	Industry 4.0; ICT & Digital Transformation; Health Well-being	**PR**
ROCA Investments is a private equity company which contributes to amplifying companies' potential, supporting them in developing business strategies to accelerate their long-term growth. ROCA X is a Venture Capital fund investing in disruptive early-stage companies: young entrepreneurs with revolutionary ideas in the technology area, in the MVP or prototype stage, with the vision of having an impact in society and with the passion to turn this desire into reality.		Private equity company Venture Capital fund
Growceanu	Industry 4.0; ICT & Digital Transformation; Health Well-being	**PR**
Growceanu is an angel investing platform. Their members use their expertise, network, and money to help promising entrepreneurs grow their high-tech startups. Their processes are designed to enable investors to collaborate and apply their expertise as a group, in order to make smart investment decisions.		
Morphosis capital	ICT & Digital Transformation; Health Well-being	**PR**
Morphosis Capital is a "glocal" team with operational expertise. They strive to make the entrepreneurs' ambition for expansion a reality. They apply their operational expertise and network in addition to deployed capital, in order to unlock growth for SMEs with high potential to become success stories.		
Simple Capital	ICT & Digital Transformation	**PR**
Simple Capital is a private investment vehicle, founded by Andrei Pitis - tech entrepreneur, angel investor and advisor, with over 25 years of experience in the IT industry in Romania and the United States and five successful international exits. Simple Capital generally invests in technology startups, and mentors them to support accelerated growth locally and internationally, as well as help them reach next investment rounds.		

Techangels	Industry 4.0	**PR**
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.		
Early Game	ICT & Digital Transformation; Health Well-being Cleantech and Green Transition	**PR**
Early Game Ventures (EGV) invests in startups that jumpstart 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 a concierge accelerator, taking in only 5 or 6 startups per year for a very intensive and tailor-made program.		
Sparking Capital	ICT & Digital Transformation; Industry 4.0	**PR**
Sparking Capital is an early stage fund backing entrepreneurs with unique industry insights, powerful vision, passion, courage and excellence in the execution of their plans. Sparking Capital focuses on pre-seed & seed investments. They are industry agnostic but have a preference for investments in consumer internet, marketing-tech, supply chain-tech, fin-tech, property-tech, circular economy-tech startups with differentiating value propositions, disruptive business models which have the potential to become national champions and/or scale up fast internationally.		

Catalyst Romania	ICT & Digital Transformation; Industry 4.0	**PR**
Catalyst Romania, one of the leading technology-focused venture capital firms in Romania, launched its first €15 million fund in 2012 as the first fund of its kind designed for Romania. The firm launched a second growth capital fund for technology startups, with an initial closing with institutional and private investors in November 2020, followed by a second closing in April 2021 and the final closing in February 2022. The fund aims to invest growth capital in technology start-ups in Romania and other countries in the region. Their team of professionals with entrepreneurial and financial management experience becomes an active partner of their portfolio companies. Catalyst contributes to the scaling and development of companies through know-how, resources, business partners and co-investors in Europe, North America and Asia.	 	Venture capital fund
Startup Reaktor	ICT & Digital Transformation; Industry 4.0	**PR**
Startup Reaktor is an incubation platform, created to connect hundreds of early-stage tech startups, scaleups, investors, accelerators, corporate networks, universities and the media from CEE.		
SeedBlink	ICT & Digital Transformation; Health Well-being	**PP**
SeedBlink mission is to build an efficient investment infrastructure for individuals and institutions working together to source, vet, finance and grow innovative European technology companies at all stages. They are innovating tech investing by breaking down barriers through lower minimums, a data-driven digital platform, a unique secondary market, and the ecosystem of co-investors such as venture capital firms and business angels.	 	

Neogen Capital	ICT & Digital Transformation;	**PR**
Neogen incubates and invests in marketplaces, providing entrepreneurs with operational support. Neogen was started in 2000 in the heart of Transylvania by 4 co-founders. The first successful product was Bestjobs, which quickly became the leading job board in Romania. Tiger Global became one of their shareholders in 2007. Since then, they are expanding both geographically and by launching complementary services (Zumzi, CeeVee).		
Something Big	ICT & Digital Transformation	**PR**
Something big is an angel investor that believes Romanian innovation needs active support to tackle world wide challenges. Supporting bold & focused entrepreneurs and innovators is our mission.		Angel investor

4.1.4. RESEARCH & TECHNOLOGY TRANSFER ENTITIES

RESEARCH ACADEMIES

Name of the organization	Fields/sectors covered	Legal status
THE ROMANIAN ACADEMY Cluj subsidiary	Mathematics/ AI	**P**
Romanian Academy Cluj Subsidiary is coordinating the activity of 7 institutes focusing on history, archeology, speleology, literature and linguistics, its own library, two research centers on geography and IT, one folklore archive and one astronomy observer. Since 1951, Tiberiu Popoviciu IT Institute has been active in fundamental research in numerical analysis. Recent activity also includes artificial intelligence (AI). The Romanian Academy is a research institution which functions autonomously, having its own chapter in the state budget. Its research institutes are conducting the activities on the basis of their own research plans, under the direction of the scientific sections of the Academy. It has the headquarter in Bucharest and there are two subsidiaries, inCluj and Timisoara.		Public entity without legal personality, belonging to Romanian Academy Cluj subsidiary
Technical Science Academy of Romania (ASTR) - Cluj subsidiary	Industry	**P**
The Academy of Technical Sciences in Romania (ASTR) was established as a Romanian legal entity under private law, without patrimonial purpose, pursuant to O.G. no. 26/2000 regarding associations and foundations, approved with amendments and additions by Law no. 246/2005. He obtained it through H.G. no. 807/21.06.2006 the status of public utility association. The Romanian Academy of Technical Sciences, a national and European forum of excellence, which includes top personalities in the field of engineering and whose goal is to promote the development of scientific research at national and global level, technical creation and the improvement of the level of higher education . engineering. Its members are prestigious personalities of scientific life, with certain international recognition, coming from important sectors of Romanian societies: from industry, higher education, research, personalities of international scientific life, members of the Romanian Academy, etc. The Romanian Academy of Technical Sciences (ASTR) Cluj-Napoca branch was established in 2008.		Public entity established by Governmental decision

Medical Sciences Academy (ADSM) - Cluj Subsidiary	Health - Well-being	**P**
The Academy of Medical Sciences, an academic institution of Romanian doctors, pharmacists and researchers from the country, from all the Romanian provinces and from abroad, presents a series of online conferences, aimed at bringing to the fore the experiences accumulated by ASM members, as well as collaborators, from various fields of medical science, in this difficult year of the pandemic. The Cluj-Napoca branch of Medical Sciences Academy was established in 2004.		Public entity established by Governmental decision
Academy of the Scientist from Romania (OASR) - Cluj subsidiary	ICT & Digital Transformation	**P**
Based in Bucharest, with 7 national subsidiaries (one in North-West Region, in Cluj-Napoca) and 2 abroad (in New York and Chisinău). OARS has over 400 research members; Cluj-Napoca subsidiary has 27 research members, some in technical and medical fields. OASR organizes competition based calls for proposals supporting young researchers; for the 2023-2024, the theme “Digital transformation in sciences”.		Public entity established by Governmental decision

UNIVERSITIES

Name of the organization	Fields/sectors covered	Legal status
Babeș-Bolyai University (UBB)	ICT & Digital Transformation, Cleantech and Green Transition, Health	**P**
Babeș-Bolyai University has become in time an emblem of success for Cluj and for the entire country. It is a dynamic and constructive institution well integrated into society and oriented towards future, a future which it can design, prepare and build. This university has 23 faculties and 24 extensions in different cities of the country, the most being Resita, where there are 6 extensions. Within the university there are the following research structures: 12 institutes, 53 research centers. The Institute of Interdisciplinary Research in Bio-Nano-Sciences of the Babeș-Bolyai University was established in 2001, as an autonomous research and technological transfer unit. The aim of the institute is to carry out interdisciplinary research activities in the most current scientific and technological research topics, belonging to Biosciences, Nanosciences and the physical and chemical processes that take place at the interface of biosystems with natural and artificial nanostructured systems. At the same time, our objective is to transfer the obtained results to potential local, national and international beneficiaries.		Public University

The Tehnical University of Cluj-Napoca (UTCN)	Industry 4.0, ICT & Digital Transformation	P
The Technical University of Cluj-Napoca presents itself today as a modern higher education institution, in full evolution, confirming its authentic availability of scientific and cultural creation, being a "University of Advanced Research and Education", among the first twelve universities in the country. The Technical University of Cluj-Napoca comprises twelve faculties in the two academic centres, Cluj-Napoca and Baia Mare, and programme locations in Alba-Iulia, Bistrita, Satu Mare and Zalau. Within the university there are the following research structures: 29 research centers, 29 research groups, 22 research laboratories. Image Processing and Pattern Recognition Centre is part of the Computer Science Department from the Technical University of Cluj-Napoca. The main activities are research and teaching in the fields of image processing, pattern recognition, computer vision, hardware design for image acquisition and processing. They have reached state-of-the-art levels of expertise in the following directions: 2D and 3D Image Processing and Recognition; Stereovision for Driving Assistance Systems and Autonomous Driving; Medical Image Processing. Research Center for Industrial Robots Simulation and Testing addresses the problem of developing robotic structures with parallel architecture that responds best to the given application requirements. In a well-defined time sequence is carried out: structural synthesis, kinematic and dynamic modeling, design, control algorithms and actuators. In recent years, research has mainly addressed medical robotics for minimally invasive procedures. The Energy Transition Research Center investigates a vast range of subjects that covers Electromagnetic Compatibility, Interference Problems and Numerical Modelling in Electrical Engineering and Power Systems. The Center of Superconductivity, Spintronics and Surface Science (C4S) includes the former Material Science Laboratory, created in 1995 within the Technical University of Cluj-Napoca (TUCN). The history of TUCN goes back to 1920 and presently it is the second greatest technical university in Romania, with over 12.000 students and a teaching-research staff number of about 1000.		Public University

The University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca (USAMV)	Green, Health	**P**
USAMV Cluj-Napoca is an academic institution of education and research, characterized by excellence in education and research, covering a wide range of specializations in specific areas of agriculture, horticulture, animal husbandry, biotechnology, veterinary medicine, biology, environmental engineering, cadastre, forestry, food engineering, university that has 6 faculties in its composition. Within the university there are the following research structures: 2 institutes, 4 experimental teaching stations, 1 biotechnology platform, 13 research centers and 39 research laboratories.	 	Public University
University of Medicine and Pharmacy "Iuliu Haţieganu"	Health	**P**
The oldest medical education institution in Transylvania, the University of Medicine and Pharmacy "Iuliu Haţieganu" wrote the history of university education in Cluj. Today UMF is a constant and valuable landmark in the landscape of educational, medical and scientific research services in Romania and Central and South-Eastern Europe, a centre of excellence in education, training, research, healthcare and pharmaceuticals and one of the most reputed universities in the country. UMF has 3 faculties. Within the university there are the following research structures: 17 research centers, 1 laboratory. Multidisciplinary Research Centre for Advanced Medicine (MEDFUTURE) is the result of a POSCCE project, and its objective was to build a high-performance research center in the field of translational medicine. Today, the center represents one of the most advanced research infrastructure at national level, bringing together advanced technologies. The main research platforms are the core of our departments: In vivo Studies – Animal Facility, NanoBioPhysics, Proteomics and Metabolomics, Translational Medicine and Clinical Studies Support		Public University

University of Oradea	ICT & Digital Transformation, Cleantech and Green Transition, Health	**P**
Through the 15 faculties, the mission of the University of Oradea is to provide education and research to a high standard of quality in a national and international context of social, professional and, last but not least, intellectual development of the individual, and at the same time to contribute to social and cultural development of Oradea. Within the university there are the following research structures: 1 research station, 1 institute, 9 research centers.		Public University
Universitatea Bogdan Vodă, Cluj-Napoca	Transversal	**PR**
With 3 faculties, "Bogdan-Vodă" University of Cluj-Napoca represents a solid option for all those who wish to continue their studies in a dynamic university, with an upward trend, deeply connected to the new quality standards of higher education, being a university of regional interest that tends towards a wider spectrum.		Private University
Universitatea Creștină Dimitrie Cantemir Cluj	Transversal	**PR**
"Dimitrie Cantemir" Christian University (UCDC) is a private, autonomous higher education and scientific research institution. The mission of the "Dimitrie Cantemir" Christian University is to create an innovative learning and research environment, in accordance with humanistic values, with the aim of training specialists capable of contributing to economic and social progress. The University has within its framework the following faculties: Legal and Administrative Sciences; Touristic and Commercial management; International Business Administration; Finance, Banks and Accounting; Marketing; Education Sciences; Foreign Languages and Literatures. Currently, the University's educational offer includes 25 bachelor's programs and 22 master's study programs. Joining the traditions of European university education, the University contributes to the scientific, professional and civic training of young people and to their integration in economic and social life, to the permanent education of higher education graduates.		Private University

Universitatea Sapientia	Transversal	**PR**
Sapientia University is an autonomous institution of the Hungarians in Romania, which defined its main purpose in providing this national community with an education and a scientific life at a recognized professional level. The University considers itself responsible for the knowledge and human models passed on to students, for the future of the University's teaching staff and collaborators, for the quality of the research activity, as well as for the transparency of the operation. The University has within its framework the following faculties: Faculty of Economic, Socio-Human and Engineering Sciences; Faculty of Sciences and Arts; Faculty of Technical Sciences and Humanities; The Study Center in Sfântu Gheorghe.		Private University

RESEARCH INSTITUTES

Name of the organization	Fields/sectors covered	Legal status
INCDTIM	Environment, health and quality of life, innovative materials and processes, biotechnologies and information technology	**P**
INCDTIM Cluj-Napoca promotes the concept of product and service excellence in the field of scientific research, innovation and technological transfer in the context of sustainable development. INCDTIM Cluj-Napoca, leader in providing the best quality products and services in research, development, innovation and production in the field of energy and the application of stable isotopes, environment, health and quality of life, innovative materials and processes, biotechnologies and information technology, the institute develops projects in top fields able to ensure the competitiveness necessary for successful integration into the European Research Area.		Structure without legal personality within MEC Decision No. 5613/22.09.2020

Research Institute for Analytical Instrumentation (ICIA)	Health, Biomass, Clean technologies, bioenergy	P
The objectives of ICIA are research, the development of analytical methodologies for a wide range of samples, the design and manufacture of analytical laboratory equipment, the performance of chemical analyzes and the provision of information, consultancy and representation services for the business environment. The research approaches environmental and health programs, the development of new types of systems, equipment, optoelectronic instrumentation for analytical investigation with applications in environmental protection, health, food safety and security, technological modernization, clean technologies, bioenergy, biomass in laboratories: Analytics and Instrumentation, Environment and Health, Bioenergy-Biomass.	 	Being accredited in 2008 for research (ANCS Decision no. 9634 / 14.04.2008).

RESEARCH BASED ORGANISATIONS (NGOs)

Name of the organization	Fields/sectors covered	Legal status
Romanian Institute of Science and Technology (RIST)	Artificial intelligence & machine learning research	P
The Romanian Institute of Science and Technology (RIST) is a non-governmental, not-for-profit, independent research institute. RIST is an alternative to public research institutions, for the purpose of providing a better work environment for scientists in Romania. RIST scientists are funded through grants provided by the government, European funds or private donors; there are no permanent positions. RIST was a main partner of the Transylvanian Machine Learning Summer School and also runs the Research for Industry technology transfer platform. Between 2012-2017, RIST has organized the Transylvanian Experimental Neuroscience Summer School. RIST has been founded in 2009 through the enlargement of the Center for Cognitive and Neural Studies (Coneural).		NGO

TECHNICAL SCHOOLS

In the North-West Region there are 42 technical high schools of which: 10 in Cluj County, 8 in Maramureș County, 8 in Satu Mare County, 6 in Bihor County, 5 in Bistrita-Nasaud and 5 in Salaj.

Name of the organization	Fields/sectors covered	Legal status
Ana Aslan Technical School	Environment, Health & Wellbeing	**P**
From September 1, 2010, the institution received the status of a college, its name being "Ana Aslan" Technical College. In 2011, "Ana Aslan" Technical College received the title of "European School".		Public Technical School

INNOVATION AND TECH TRANSFER ORGANIZATIONS

Name of the organization	Fields/sectors covered	Legal status
CENTI Technological Transfer Center within Research Institute for Analytical Instrumentation Cluj-Napoca	Environment, Renewable energies, Agriculture, Food, Medical equipment	**P**
The Technological Transfer Center CENTI was founded in 2004 and accredited by the Ministry of Education and Research - National Authority for Scientific Research through Certificate no. 7 of 05.11.2005. CENTI works as a department within INCDO-INOE 2000, branch of the Research Institute for Analytical Instrumentation Cluj-Napoca. The technological transfer activity is accredited according to SR EN ISO 9001:2008. CENTI's mission is to promote and capitalize on CD results (technologies, methods, installations, patents, etc.) through the transfer of high-level scientific and technical knowledge to the economic environment as well as supporting the business environment in order to increase, at the RO1 Macroregion level, economic competitiveness, of the degree of innovation and the level of technology/ transfer of advanced technologies.		No personality legal framework Research Institute for Analytics Instrumentation (ICIA), branch of INCD - INOE 2000

IPA	Energy, ICT, environment	**PR**
Established in 1960 as a research-design institute for automation, IPA SA has kept until now its main profile: research – development, design, production, assembling, service and consultancy of automation and IT equipments and installations, in industry (chemistry and oil processing, metallurgy, building materials, energy, machines building), environmental protection, services for citizen. After 1990, IPA has become a trading company on shares, maintaining its profile. At the present time, IPA is an integrally private company, which has implemented and maintains a quality system according with the SR-EN-ISO 9001:2001 standard. Through its subsidiaries situated in the main cities of Romania (Cluj, Craiova, Galati), IPA SA successfully covers Romanian territory in its field of activity. IPA SA deals mainly in R&D activities, in Romanian (PNCDI) programs and internationally(FP6, TTQM-PHARE, EUREKA, Leonardo da Vinci etc.) financed projects. IPA SA is the Coordinating Unit of the AMTRANS Program, part of PNCDI.	 	No personality legal entity, established within the Commercial Society for research, design and production of equipment and automation facilities - IPA TO
CIT TEHNOINF BN	Environment, Manufacturing	**P**
The Technological Information Center - CIT TEHNOINF BN has the mission of accelerating the transition to a circular economy by catalyzing innovation in the business environment of Bistrita-Nasaud county and the North-West region. The Technological Information Center of the Bistrita-Nasaud Chamber of Commerce and Industry aims to increase the level of technological information among economic operators, increase the competitiveness on the market of the products and services offered by them, increase productivity, the efficient use of resources based on the principles of the circular economy, their alignment with European requirements and the promotion of entrepreneurial culture among business people, especially by providing information specific to innovation.	 	NPo legal personality, within the Chamber of Commerce and Industry Bistrița Năsăud.

CIT-UTCN-CUNBM	Mechanics, ICT, Environmental, Engineering	**P**
The Technological Innovation Center is a structure within the Technical University of Cluj-Napoca, Baia Mare branch.	 	No personality legal within the Technical University from Cluj-Napoca - Baia Mare University Center
Oradea CNCG-CTT	Mechanics, ICT, Environmental, Engineering	**P**
Technology Transfer Center - CCT was established in February 2007 as an entity within the National Center of Geothermal Research. CTT occupies the first and second floor of the CNCG building, with an area of 250 m2. It was modernized and equipped with financial support from the Ministry of Education and Research through the INFRATEC program. The center has a seminar hall with a capacity of 20 seats equipped with modern systems presentation and sound system and room for business meetings.		Structure without legal personality within the Oradea University
The Technical University of Cluj-Napoca	ICT, space and security, bioeconomy, energy, environment and climate changes, eco-nano-technologies and advanced materials	**P**
The Center for Technological and Knowledge Transfer, with the acronym CTTC, has as its mission the development of specific relations between the Research, Development and Innovation (RDI) field of the Technical University of Cluj-Napoca (UTCN) with the socio-economic environment and the transfer of the results obtained from the RDI activity carried out by the UTCN research structures towards organizations interested in taking over these results. The Center for Technology and Knowledge Transfer is also represented in the network of Ambassadors, developed by the EU IPR Helpdesk, a network that offers free assistance in matters of DPR and IP to beneficiaries of EU-funded research projects and EU SMEs involved in partnership agreements transnational, especially those developed within the Enterprise Europe Network (EEN).	  	Structure without legal personality within the Technical University of Cluj-Napoca

Clinical Municipal Hospital of Cluj-Napoca	Health	**P**
Within the Cluj-Napoca Municipal Hospital there is an innovation and technological transfer structure whose mission is to improve medical services and research in the field of human health. Cluj-Napoca Municipal Clinical Hospital implements the "Capacity increase" project Cluj-Napoca Municipal Clinical Hospital for managing the COVID-19 health crisis through acquisition of medical protection equipment", SMIS Code 141253, financed by the Operational Program Large Infrastructure 2014-2020, Priority Axis 10 - Protecting the health of the population in the context the health crisis caused by COVID-19, the increase in energy efficiency and the use of sources renewable energy, with funding from REACT-EU.		Structure without legal personality within the Technical University of Cluj-Napoca
INCDTIM Cluj-Napoca	Environment, health and quality of life, innovative materials and processes, biotechnologies and information technology	**P**
INCDTIM Cluj-Napoca promotes the concept of product and service excellence in the field of scientific research, innovation and technological transfer in the context of sustainable development. INCDTIM Cluj-Napoca, leader in providing the best quality products and services in research, development, innovation and production in the field of energy and the application of stable isotopes, environment, health and quality of life, innovative materials and processes, biotechnologies and information technology, the institute develops projects in top fields able to ensure the competitiveness necessary for successful integration into the European Research Area. Technological Transfer Centre of INCDTIM Cluj-Napoca wants to be a bridge between the research carried out in INCDTIM and a global community of entrepreneurs, investors and industry organizations. The purpose of CIT is the capitalization through technological transfer of the results of applied research and innovation from INCDTIM to the private sector. Through our activities, we facilitate: long-term collaborations between the institute and industry organizations through contract research, industry/ private/business oriented research.	  	Structure without legal personality within MEC Decision No. 5613/ 22.09.2020

IPR offices

The mission of the S**tate Office for Inventions and Trademarks (OSIM)**, as a unique authority on Romanian territory in the field of ensuring industrial property protection, is to support innovation, competitiveness and profitability as economic growth factors.

OSIM provides high quality specialized services while granting industrial property titles, promoting industrial property by all available means and ensures Romania's international cooperation in accordance with the treaties, conventions and agreements in its field of activity to which Romania is a party.

Regional Centers of the State Office for Inventions and Trademarks (CRPPI) are territorial entities that aim to promote culture and protection of industrial property in the geographical area of coverage.
The Regional Centers operate based on collaboration conventions concluded between OSIM and the host entity of each of the Regional Centers. The abbreviation **PATLIB** comes from the English words PATent LIBrary.
The persons working within the Regional Centers are not employees of OSIM, they are employees or collaborators of the host entities. In accordance with ORDINANCE no. 66 of 17 August 2000, as republished, on the organization and exercise of the profession of industrial property attorney, published in the official GAZETTE No. 1019 of 21 December 2006, the director and the staff of the Regional Center for the Promotion of Industrial Property cannot have the quality of industrial property attorney.

Name of the organization	Fields/sectors covered	Legal status
CRPPI-PATLIB MARAMUREŞ	Transversal	**P**
The Foundation of the Center for the Development of Small and Medium Enterprises Maramureş is a regional center of the State Office for Inventions and Trademarks situated in Baia Mare. Among the main services offered by the regional center are: technical support granted to applicants, monitoring, statistical analyses, evaluation of the economic potential of an invention, commercialization of Industrial Property rights, development of the Industrial Property strategy Consultancy for the fields of Industrial Property, patents, trademarks, designs and models.		The Regional Centers operate based on collaboration conventions.
CRPPI-PATLIB BIHOR	Transversal	**P**
Bihor Chamber of Commerce and Industry is a regional center of the State Office for Inventions and Trademarks situated in Oradea. Among the main services offered by the regional center are: technical support granted to applicants, monitoring, statistical analyses, evaluation of the economic potential of an invention, commercialization of Industrial Property rights, development of the Industrial Property strategy Consultancy for the fields of Industrial Property, patents, trademarks, designs and models.		The Regional Centers operate based on collaboration conventions.

CRPPI-PATLIB BISTRIŢA-NĂSĂUD	Transversal	**P**
Bistrița-Năsăud Chamber of Commerce is a regional center of the State Office for Inventions and Trademarks situated in Bistrița. Among the main services offered by the regional center are: technical support granted to applicants, monitoring, statistical analyses, evaluation of the economic potential of an invention, commercialization of Industrial Property rights, development of the Industrial Property strategy Consultancy for the fields of Industrial Property, patents, trademarks, designs and models.		The Regional Centers operate based on collaboration conventions.
CRPPI-PATLIB CLUJ	Transversal	**P**
The Tehnical University of Cluj-Napoca (UTCN) is a regional center of the State Office for Inventions and Trademarks situated in Cluj-Napoca. Among the main services offered by the regional center are: technical support granted to applicants, monitoring, statistical analyses, evaluation of the economic potential of an invention, commercialization of Industrial Property rights, development of the Industrial Property strategy Consultancy for the fields of Industrial Property, patents, trademarks, designs and models.		The Regional Centers operate based on collaboration conventions.