

ANNEXES

LIST OF ANNEXES

- Part B
- List of previous projects
- Proof of MS designation
- Ownership control declarations
- Other annexes: Additional information to the chapter 1.1 Objectives and activities, additional information to the chapter 3.3 Green deal, Letters of intent and memorandum

The attached letters of intent and memorandum of cooperation are as follows:

- EDIH Saxony
- Wroclaw Technology Park
- Technical University in Chemnitz
- The Fraunhofer Group for Production IWU, Chemnitz/ Dresden
- Business Development in the Erzgebirge of Saxony, Chemnitz
- Hochschule Zittau/Goerlitz (University of Applied Sciences Zittau/Goerlitz)
- Universities in Opole
- Technology Transfer Centre, Wroclaw
- Centre of Excellence Chemnitz
- Cooperation with the Enterprise Europe Network
- EDIH Manufacturing Network (EDIH4Manu)
- Cooperation agreement between Smart System Hub GmbH Dresden and Agency of Regional Development Liberec (lead partner of EDIH NEB)



Karel Havlíček
Deputy Prime Minister,
Minister of Industry and Trade
and Minister of Transport of the Czech Republic

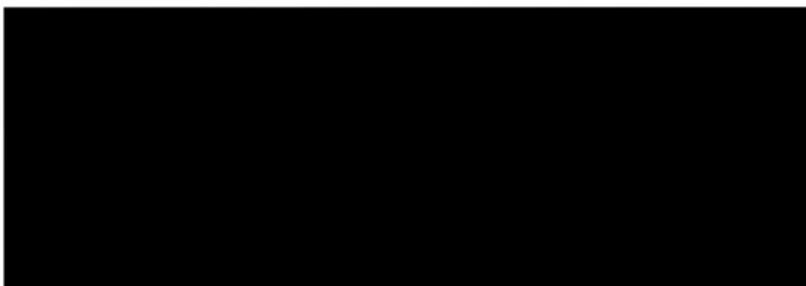
Prague , 16 December 2021

No. MPO 635315/21/71000/01000

LETTER OF DESIGNATION

Dear [REDACTED]

This letter is to confirm that the project “EDIH Northern and Eastern Bohemia”, formerly presented as “Digital Innovation Hub Northern and Eastern Bohemia”, was selected as a candidate to participate in the European call on the European Digital Innovation Hubs under the Digital Europe Programme. EDIH Northern and Eastern Bohemia was evaluated by independent national and international evaluators in the national call in December 2020. The Czech Republic designates this project.



[REDACTED]
Executive Director
RDA - Regional Development Agency
Liberec



MINISTRY OF INDUSTRY AND TRADE
OF THE CZECH REPUBLIC



Czech
Republic
**The Country
For The Future**

List of previous projects:

The EDIH NEB project builds on the daily activities of all members.

ARR - Agentura regionálního rozvoje, spol. s r.o. (ARR - lead partner)

- **STRIMA II.** - Duration: 04/2016 - 12/2020. The EU-funded project pursues the objective of intensifying cross-border cooperation between the Czech Republic and Saxony specifically at the municipal level and establishing regular and long-term cooperation between the two neighbours. The main themes are the establishment of a joint interdisciplinary forum in the field of flood risk management, the development of scientific methods for comparable damage potential determination, the elaboration of recommendations for action for municipal building planning, the strengthening of flood protection and the improvement of the public awareness of flood risks. The STRIMA II builds on the STRIMA I project.
- **STRIMA I.** - Duration: 04/2013 - 02/2015. The aim of the project was to intensify cross-border cooperation in the field of flood risk management and to establish regular and long-term cooperation between the Czech Republic and Saxony, especially at the municipal level. The main objective of the project was to reduce the risk of negative impacts on human health, the environment, cultural heritage and economic activities in accordance with the Flood Risk Management Directive.
- **Smart Accelerator II of the Liberec Region** (reg. no. CZ.02.2.69/0.0/0.0/18_055/0016369) - Duration: 10/2019 - 12/2022. The aim of the project is to support innovation, research and development in the region, to bring suggestions and experience from other regions or countries, to connect interesting people and ideas. The project is funded by the EU through the Ministry of Education, Youth and Sports. The Liberec Region is the project promoter. The main output of the entrepreneurial discovery process is the identification and preparation of specific strategic projects that will solve key challenges and needs of the Liberec Region. The project contributes to the full exploitation of the knowledge potential of the Liberec Region. The total costs of the project are 25.2 million CZK.
- **Enterprise Europe Network** - The Enterprise Europe Network was created as a successor to two European networks established and managed by the European Commission - the Euro Info Centre and the IRC. Network helps businesses innovate and grow on an international scale. It is the world's largest support network for small and medium-sized enterprises (SMEs) with international ambitions. Member organizations include technology poles, innovation support organizations, universities and research institutes, regional development organizations, chambers of commerce and industry. ARR was a member of the network between 2008 and 2015. Enterprise Europe Network is funded through the Single Market Programme.
- **AMICE - the Alliance for Advanced Manufacturing in Central Europe is a strategic network of innovation actors in Europe** - Duration: 08/2018 - 06/2020. AMICE supports SMEs and their research partners to improve their competitiveness through the uptake of advanced manufacturing technologies. Within the aforementioned scope and reach, the members of the alliance will jointly develop and provide activities and transnational services according to the agreed action plan and contribute to the further development and accessibility of the developed tools and methodologies. The Alliance has been initialised by an interregional project, which has been co-financed from Interreg Central Europe from August 2018 to July 2020 with a total budget of 2,175 Mil. €.
- **Smarter Region** - ARR is the creator of the Smarter Region concept for the Liberec Region. The concept describes the most important topics, priorities and problems where smart technologies can be used. The use of smart technologies will contribute to the streamlining and improvement of the Liberec Region's activities. The ARR is currently acting as a coordinator and implementing the measures proposed by the concept
- **RegioTex** - Thirteen EU regions have joined forces to establish a common platform called RegioTex. The initial initiative came out of the European Technology Platform for the Future of Textiles and Clothing and the European Confederation of the Clothing and Textile Industry. The common objective is to strengthen competitiveness, innovation activities of companies/clusters and create jobs with higher added value in the textile and clothing industry. The platform includes regions that have identified textile industries as progressive/priority sectors in the regional research and innovation strategy (RIS3). The European Commission has recognised RegioTex as one of the 9 RIS3 thematic areas for EU industrial modernisation. The involvement of the Liberec Region in the Regiotex platform is managed through the ARR.
- **Water Smart Technologies** - The main goal of the Water smart Territories (WST) partnership is to strengthen innovation capacity of European regions beyond resource efficiency, in order to

facilitate new investments based on open innovation infrastructure and new technologies for sustainable water management by clusters in regional ecosystems. A closer and interdisciplinary collaboration by partner regions and regional cluster organisations will respond to the water industry challenges through advanced technological solutions to tackle European water territories and society needs. The Liberec Region is involved in this technological platform through the ARR.

Technická univerzita v Liberci (TUL)

- **Enhanced In Situ Bioremediation for Contaminated Land Remediation (EiCLaR)** - The project with a budget of 6 736 278 € focuses on the development of scientific and technical innovations for in situ bioremediation technologies that will be directly developed into industrial processes for the rapid, efficient, cost-effective treatment of a range of environmental pollutants (chlorinated solvents, heavy metals, hydrocarbons).
- **Distributed Artificial Intelligent Systems (DAIS)** - The project with a budget of 36 mil. € bringing faster, more secure and energy efficient data processing solutions through the development of edge AI software and hardware components. DAIS approach is to provide trustworthy connectivity and interoperability by bringing the Internet of Things and Artificial Intelligence together in a distributed edge system for industrial applications. The project will feature a large variety of industry driven use cases embedded into the application domains, Digital Life, Digital Industry and Smart Mobility.
- **Innovative technology based on constructed wetlands for treatment of pesticide contaminated waters (LIFEPOPWAT)** - Total budget of the project is 3 167 290 €. The project promotes innovative technology based on constructed wetlands for treatment of pesticide contaminated waters. Funded by the Life Programme.
- **The inherently Flexible Aerogels for energy efficient structures (i-FACES)** – The project benefits from a 1.04 Mil. € grant from Norway and Technology Agency of the Czech Republic. The aim of the project is to develop super-light thermal protective materials with smart sensing functionalities. Funded by the Life Programme
- **Robotic storage system for Systematic** - TUL developed a high-capacity storage system for Systematic a.s., which is operated by autonomous robots (SysLogeum 3000 system). The implementation resulted in better use of storage space, saving money and time. SysLogeum 3000 works on the principle of stacked crates operated by mobile robots. The standard industrial automation is a kit mounted in a cabinet with power supply via cable. The system saves more than 1/2 of the warehouse space. In the case of use in giant warehouses (Amazon, Mall.cz), the solution would bring savings in the order of tens of millions CZK per year.
- **Resource reservation and scheduling platform** - The project creates a tool to optimize resource utilization and significantly reduce costs through the use of AI algorithms. The system includes an open interface and back-end in the form of plug-ins that use kernels to calculate and optimize resource utilization based on advanced algorithms. The user interface is modular and the entire platform allows for very fast resource scheduling or reservation. It is used to optimize car allocation for internal car-sharing, intra-company transportation, complete reservation system for hostels, computer exchange scheduling, etc.
- **European Joint Programme on Radioactive Waste Management** - Building on the EC JOPRAD project, the EURAD project will help member states obtain the know-how required to implement safe and long-term management of radioactive waste. In a project with a budget of 32 500 000 € TUL is involved as a third party.

Univerzita Hradec Králové (UHK)

- **OP RDE IT4Neuro** - The project focuses on cutting-edge pre-application research in the field of medical applications, design and testing of new compounds in the framework of preclinical drug development, socio-economic analysis in the field of neurodegeneration. The total budget is 79 019 305 CZK. The technical design of the model is implemented in Python using EU population data and the latest population health data. The model uses studies mapping the incidence, prevalence and impact on mortality of the previously mentioned diseases. The projection of the expected budgetary burden on EU health systems and public budgets was produced by combining the model with data on the cost of care. The project is funded by the Research, Development and Education Programme from The Ministry of Education, Youth and Sports.
- **Wireless communication protocol for air quality sensor** - Project focused on wireless communication with Protonix air quality sensor and accompanying mobile application. Protonix

has developed a smart sensor that records air quality but without an accompanying mobile app. The Faculty of Informatics and Management (FIM) designed the communication protocol and developed a companion app that retrieves data from the sensors and configures it via NFC technology. The mobile app has been published on the Google Play store and has increased the competitiveness and sales potential of Protronix air. The project was funded by programmes of the Ministry of Industry and Trade and the Innovation Voucher.

- **System for remote control of 3D printers for Trilab Group** - The project consisted in creating an application for smartphones allowing remote control of all 3D printers using Bluetooth technology. After the implementation, the competitiveness and sales potential of Trilab products increased not only in the Czech Republic, but worldwide. The main goal is to use 3D printing in an industrial environment with the possibility of remote control, which includes a cloud-based system for managing multiple printers.
- **SMART Solutions Across Continuum of Care for the Elderly** - project is financed from the Technology Agency of the Czech Republic. UHK is one of the project partners. The aim of the project is to involve smart technologies in the care of seniors for improving their quality of life and reducing caregiver burden for both informal home care and in residential facilities. Specifically, a system for integrating data from wearable devices (i.e., wristbands, smartphones) and environmental sensors (i.e., furniture sensors for detailed biosignal measurement) will be developed, enabling (1) data collection and integration from various sources (mobile applications, sensors); (2) sending feedback and notifications to simplify and improve the care of the elderly, including those with specific needs (e.g., people with dementia). The project will combine knowledge from psychology, kinanthropology and the latest sensory biosignal monitoring solutions.
- **Innovative platform for determination of bioactive compounds** - project is financed from the Ministry of Industry and Trade. UHK is one of the project partners. The main objective of the project is to acquire an innovative qualitative sensor for non-invasive lipid profile analysis, to design modern analytical and bioanalytical methods that can significantly shift the applicable area for the rapid determination of clinically relevant analytes. The non-invasive sensor technology design will use the following systems according to the nature of the matrix: a) Microfluidic systems, or Lab On Chip technology, b) DNA chip technology, c) Molecular sensors. It is the development and application of completely unique and innovative non-invasive technologies for fast, inexpensive and user-friendly determination. Innovation: Innovative use of non-invasive matrices using modern technologies and R&D knowledge for smart (smart) determination against existing concepts.
- **Smart Vet** - The Project is financed from the Technology Agency of the Czech Republic. UHK is the lead partner. aim of the project is to provide a complex, unobtrusive animal monitoring system at veterinary stations, including a module to a nurse room, which will provide information about current state of an animal being monitored - ie displaying actual patient vital functions on a PC and mobile phone application that will be created, or sending sms about the acute situation. We will achieve the result of the type - the proven technology, as we plan to deploy the system at veterinary stations that have shown an interest in a cooperation (HKVet, Equine Vet Service). This will enable to optimize the system while it would be possible to respond to staff reminders and requests immediately. This will be achieved by the end of the project.
- **Smart furniture** - ANUME Sensor system in beds, allows monitoring of breathing and heart activity, detecting arrhythmias, apnea and other risks such as increasing levels of stress or fatigue
- **Environmental Risk Management** - COPD Patron: Monitoring of vital signs and environmental variables to minimize the negative impact of a harmful environment on people with chronic obstructive pulmonary diseases
- **Wearable Electronics** - Health React: A system for collecting and evaluating vital signs from wearable devices and finding anomalies in vital signs and behavior of people, useful for scientific, clinical and other studies.
- **Safety Technology** - ReGlas: A system using neural networks to detect and classify aerial threats, especially low-flying aerial targets (e.g. drones).
- **Dowry Towns of the Queens of Bohemia (A living part of historical consciousness and its support of the instruments of historical geography, virtual reality and cyberspace)** - Project is financed from the Ministry of Culture. UHK is the lead partner. Towns belonging in the past to the Bohemian queens, so-called royal dowry towns (more stably Hradec Králové, Chrudim, Vysoké Mýto, Polička, Jaroměř, Dvůr Králové, Trutnov, Nový Bydžov, Mělník), are a special category among Czech historical towns in a number of perspectives. With the exception

of Mělník, they comprise a specific geographic enclave in East Bohemia. The institution began to form at the beginning of the 14th century and went through a complicated development. Dowry towns became a source of incomes of the queens and in the case of medieval Hradec and Mělník for a time the residence of several of them. De iure, the institution of dowry towns ended in 1918. The reflection of their historic charisma was revitalised in the 19th century during the national revival and lives until now as one of the pieces of the identity of these towns in relation to the other towns of the CR. The main objective of the submitted project is in accordance with the specific aim of 1.1 applied research and experimental development aimed at presenting this exclusively Czech historical phenomenon to the general public through the tools of historical geography and advanced computer graphics. The main outputs of the project will be a dedicated mobile application and a web portal that will serve as a specialized historical guide to the dowry towns and their urban landscape and specialized (reconstruction) maps of the entire regional enclave and the towns themselves. In the case of Hradec Králové, the guide will provide the possibility of 3D travel over time on the basis of so-called expanded virtual reality, incl. 3D reconstruction of already destroyed urban complexes and examples of period life. For Dvůr Králové, Jaroměř, Polička, and Vysoké Mýto, the volumes of the Historical Atlas of the Czech Republic will be created as other main outputs of the project. Along with the secondary outputs, a collection presenting the dowry towns to the lay and professional public will be fashioned. At the same time, they will support the special role of dowry towns in the Czech national and regional identity.

- **Use of artificial intelligence in providing professional social counseling** - Project is financed from the Technology Agency of the Czech Republic. UHK is the lead partner. The aim of the project is to adapt the communication platform based on chatbot / voicebot for the purpose of providing professional social counseling in the Czech Republic.
- **Digital society open to seniors** - Project is financed from the Technology Agency of the Czech Republic. UHK is the lead partner. We will create a unique extensible software platform that makes digital content and services accessible to people with low digital literacy, especially the elderly, in a simple way. The simple prototype of the intended software will serve as a foundation for the project. Selected use scenarios involving communication and media content, education and recording and sharing of memories will be implemented. Psychology, gerontology, andragogy, informatics incl. systems engineering and AI are involved. The experimental development will consistently be based on the needs and limitations of the target group, the output will be systematically verified and adjusted to the feedback. Usability testing will include hardware, environment ergonomics, etc. The goal will be achieved by 6/2023.
- **Reducing negative impacts of tourism on ecosystems through an intelligent software tourist guide** - Project is financed from the Technology Agency of the Czech Republic. UHK is one of the project partner.
- **Smart Parking & Charging** - Project is financed from the Ministry of Industry and Trade. UHK is the lead partner. The aim of the project is a software solution that combines smartparking and electromobility, while having a low barrier to entry for parking providers and allowing integration into heterogeneous environments of different sized cities. In particular, a key aspect is the perception of parking and charging as a commodity service that is unified and easy to access for both drivers and providers. The project is implemented under the Operational Programme Enterprise and Innovation for Competitiveness and is funded by the European Regional Development Fund.
- **Optimization of material flow in ERP ALTEC by artificial intelligence** - Project is financed from the Ministry of Industry and Trade. UHK is the lead partner. The main objective of the project is the research and development of artificial intelligence (AI) software for warehouse management, especially for the segment of small and medium-sized enterprises using ERP information systems, for which such solutions are not yet available worldwide. The unique solution will add value, in particular in the ability to handle the enormous amount of constantly changing data about the material entering production. The project is implemented under the Operational Programme Enterprise and Innovation for Competitiveness and is financed by the European Regional Development Fund.
- **Development of a unique specialized database for e-commerce solutions** - Project is financed from the Ministry of Industry and Trade. UHK is the lead partner. The main objective of the project is to research and develop a functional software solution for e-commerce. The project is implemented under the Operational Programme Enterprise and Innovation for Competitiveness and is financed by the European Regional Development Fund.

- **Application of Artificial Intelligence for Ensuring Cyber Security for Smart City** - Project is financed from the Ministry of the Interior. UHK is the lead partner. The aim of the project is to design and verify the complex security model of artificial intelligence use for ensuring cybersecurity of Smart City on data analysis of primary and supportive data assets used in the scope of Smart City. From the perspective of our project, four main benefits can be mentioned from innovative and unique point of view: • Smart City represented as a data model • Smart City cybersecurity using artificial intelligence • Security Baseline as methodological support of Smart City • Virtualized infrastructure "Cyber Range" for Smart City concept.

VÚTS a.s.

- **Research and development of the industrial production technology for distance fabrics with large variable distances on air jet weaving machine** - Project with a total budget of 23 million CZK. The research and development focuses on the industrial production of distance fabrics made of high-strength polyester silk with continuously variable distances from 100 to 500 mm with a beam width of up to 1800 mm. The project partner is Taiwan Textile Research Institute. The outcome of the project is a prototype of a new unique DIFA jet weaving machine producing fabrics with the above mentioned properties. The outcome of the project is a prototype of a new unique DIFA jet weaving machine producing fabrics with the above mentioned properties.
- **Development of IoT embedded super lightweight protective clothing and manufacturing system** - The total project budget is 6,2 million CZK. The project was aimed at research and development of technology for weaving of highly woven finished perline fabrics from materials with specific properties. Activities include analysis of the possibilities of using the fabrics in research and development of new structures of flexible and lightweight protective equipment against cuts and punctures (e.g. vests). The project was carried out in collaboration with Yeungnam University and Nemusoft, Dyetec and Koreafactory Inc. of North Korea.
- **Production technology performance increase and distance fabrics utility properties extension for new applications** - Total project budget is 29 million CZK. VÚTS cooperates on the project with Taiwan Textile Research Institute, Shapelt Corporation (Taiwan), TomLong Techstile Corp. (Taiwan) and University of West Bohemia in Pilsen (CZ). The scope of the project is the development of spacer fabrics with a focus on increasing production performance and extending the utility properties of the production technology and the final product.
- **Geometry-variable tool for small series production by means of incremental sheet forming** - VÚTS cooperated with Forschungsgemeinschaft Werkzeuge und Werkstoffe e.V. (FGW, Germany) and the FhG-IWU Institute of Machine Tools and Forming Technology – Fraunhofer (Germany). The aim of the project was to achieve the result Functional sample "Support head for metal sheet forming by deep-drawing using the displaceable movable point."
- **Industrial validation of Nu-Wave new generation of sustainable and efficient textile machinery and development of a strategy to enter the market** - The project was funded by 7th Framework Programme with a total budget of 1 908 231 €. The activities build on the Nu-Wave project (FP7project 218479 Jan2009-Dec2011). The aim of the project is to scale up a Retrofit Kit that includes low-weight, low friction, long lasting components that can be customized on a large number of textile machines. The Retrofit Kit is a chance for easily refurbishing old production lines and supporting the textile industry in increasing productivity and decreasing energy consumption.
- **New COMET K2 Center Symbiotic Mechatronics** - Funding comes from the ETP: European Technology Platforms programmes. Initiative to support international networking. VÚTS collaborated on the project with the Linz Center of Mechatronics from Austria.
- **Production technology performance increase and distance fabrics utility properties extension for new applications** (reg. no. TM02000031) - Duration: 01/2021 – 12/2023. Coordinator: VÚTS, partners: Taiwan Textile Research Institute, Shapelt Corporation (Taiwan), TomLong Techstile Corp. (Taiwan), University of West Bohemia in Pilsen (CZ). The overall objective of the project is innovation and development of distance fabrics technology production and its further treatment. The implementation will be primarily focused on increase of productivity and extension of utility properties of developed technology and its comforted implementation into real operation. The main project output will be a prototype of air-jet weaving machine DIFA 2, through which this innovative technology for the distance fabrics production will be implemented. The project was funded by the Technology Agency of the Czech Republic (TA CR), DELTA 2 programme.

- **Research and development of the industrial production technology for distance fabrics with large variable distances on air jet weaving machine** (reg. no. TF01000030) - Duration: 01/2016 – 06/2018. Coordinator: VÚTS, partner: Taiwan Textile Research Institute (Taiwan). The aim of investigating the project is the research and development of the industrial production technology for distance fabrics from high-strength polyester filament yarn with an infinitely variable distance from 100 up to 500 mm and reed wide up to 1800mm. The main objective of the project is then the development and implementation of the prototype of a new jet weaving machine DIFA (Distance Fabric), which will produce those fabrics in high – quality and effectively, according to the specific requirements. The project was funded by Technology Agency of the Czech Republic (TA CR), DELTA programme.
- **Development of IoT embedded super lightweight protective clothing and manufacturing system** (reg. no. TF05000046) - Duration 01/2018 – 12/2019. Coordinator: VÚTS, partners: Yeungnam University (S. Korea), Nemusoft (S. Korea), Dyetec (S. Korea), Koreafactory Inc. (S. Korea). The aim of the project is the research and development of the technology of weaving high weft fabrics from materials of specific properties and their use in the research and development of new flexible and lightweight anticut and anti-shot (eg vests) structures, which will be solved by foreign partners. The project was funded by Technology Agency of the Czech Republic (TA CR), DELTA programme.
- **Collective Research Networking** - CORNET: Variabel Tool - Geometry-variable tool for small series production by means of incremental sheet forming (reg. no. CZ.01.1.02/0.0/0.0/16_079/0007488) - Duration: 10/2017 – 09/2019. Coordinator: VÚTS, partners: Forschungsgemeinschaft Werkzeuge und Werkstoffe e.V. (FGW, Germany) and the FhG-IWU Institute of Machine Tools and Forming Technology – Fraunhofer (Germany). The aim of the project was to achieve the result Functional sample "Support head for metal sheet forming by deep-drawing using the displaceable movable point."
- **Mach-to** - Industrial validation of Nu-Wave new generation of sustainable and efficient textile machinery and development of a strategy to enter the market (reg. no. FP7-SME-2012-3-315360) - Duration: 2012/08 – 2014/09. The first goal of Mach-to is to customize the concepts developed within the Nu-Wave project onto a full scale industrial machine (already used by the end users of MACH-to) and evaluate the performances increased: this will demonstrate the up-scalability of the Retrofit Kit. MACH-to project will also accompany the Retrofit Kit into the market, through the implementation of a marketing and after sales strategy.
- **Nu-Wave** - Research for the benefit of specific groups Research for SME associations (reg. no. FP7-SME-2007-2) - Duration: 2009 - 2011. Supported textile machinery SMEs in developing a new generation of high-performance machines for facing the crisis and compete in the market with low labour cost countries (especially Far East).
- **SMART FACTORY** - New viscose fibre production process control system. The main objective of the project is to influence and optimize the chemical production processes according to the results of qualitative analysis of the final product, which is viscose multifilament technical fibre. The project includes the development, construction and debugging of a prototype test rig for continuous measurement of mainly mechanical properties of viscose fibre. The main output of the project is a proven technology that will reduce the scrap rate of viscose fibre production.

AEC a.s.

- **AQUAS** – The AQUAS project investigated the challenges arising from the inter-dependence of safety, security and performance of systems and aims at efficient solutions for the entire product life-cycle within three essential capabilities of the ECSEL JU MASRIA 2016: Design Technologies (DT), Cyber-Physical Systems (CPS), and European Asset Protection (EAP). The project was built on knowledge of partners gained in current or former EU projects and demonstrated the newly conceived approaches across use cases spanning: Space, Medicine, Transport, Industrial Control. This project has received funding from the Electronic Component Systems for European Leadership Joint Undertaking under grant agreement No 737475. This Joint Undertaking receives support from the European Union's Horizon 2020 research and innovation programme and Spain, France, United Kingdom, Austria, Italy, Czech Republic, Germany.
- **Automated Attack Processing** – Large-scale computer networks resilience against attacks and malware - development and implementation of a new method for automatic detection of attacks

and malware. Project FR-TI1/037 was funded by the Ministry of Industry and Trade of the Czech Republic.

Centrum investic, rozvoje a inovací (CIRI):

- **Smart Accelerator of the Hradec Králové Region II** - The project focuses on supporting research, development and innovation. The project activities are based on the Regional Innovation Strategy of the Hradec Králové Region (the so-called RIS3 strategy). This strategy is regularly updated within the project. Knowledge of the innovation environment and analyses describing the innovation environment of the region and its absorption capacity are carried out. The Smart Accelerator ensures the organisation of the Region's Research, Development and Innovation Council, networking relevant partners in the region and beyond. The project implements a comprehensive marketing campaign Let's Light Up Science in the Hradec Králové Region. The Smart Accelerator is in close contact with the Ministry of Education, Youth and Sports and in connection with the implementation of the RIS3 strategy also with the Ministry of Industry and Trade.
- **RegioTex platform** - Technology platform for the future of the textile and clothing industry aims to strengthen competitiveness, innovation activities of companies/clusters and create jobs with higher added value). The platform connects 13 EU regions and the Kralovehradecky Region is a member of the platform through CIRI.

Národní klastrová Asociace (NCA):

- **DanuBioValNet** - the project is co-funded by (ERDF, IPA) - Cross-clustering partnership for boosting eco-innovation by developing a joint bio-based value-added network for the Danube Region. 01/2017 - 06/2019, role: partner
- **KETGATE** - the project is co-funded by the Interreg CENTRAL EUROPE - KETGATE opens access to the small and medium-sized companies to use Key Enabling Technologies –KETs to increase product innovation across multiply industrial sectors throughout Europe. 07/2017 - 08/2020, Role: partner
- **PL-CZ GREEN CLUSTER** - the project is co-funded by the Interreg V-A Czech Republic- Poland Programme. The project addresses insufficient collaboration between the stakeholders from Poland and the Czech Republic active in the areas of green economy, healthy tourism, sustainable development, social economics. 01/2019 - 12/2021. Role: partner
- **EDU-Ma Tech** - the project is co-funded by Interreg V-A Slovak Republic - Czech Republic 2014-2020. The project enables the establishment of strategic partnerships and preparation of advanced courses in lifelong education for enterprises and clusters with innovation potential in the fields of machinery and automotive engineering. 02/2019 - 12/2020, role: partner.
- **GODANUBIO** - the project is co-funded by the Interreg Danube program under the European Regional Development Fund. The main goal of the project is to address the migration of rural labour through the revitalization of rural areas by exploiting their bioeconomic potential and using participatory multi-level governance. 07/2020 - 12/2022, role: partner.

Additional information to the chapter 1.1 Objectives and activities

Objectives of EDIH NEB

Objectives are divided into:

1) General objectives

The main objective of EDIH NEB is to support the digital transformation of SMEs, start-ups, mid-caps and public administrations and to create the best possible conditions for the long-term business success of all clients by helping them to become more competitive and efficient in processes, products or services using advanced digital technologies.

Sub-objectives towards the target group of the project:

- Making digital transformation accessible
- Increase the level of digital transformation
- Increase SME productivity
- Increase the competitiveness of SMEs in global markets
- Improve production/business processes and services
- Concentrate knowledge in digital technologies in the region
- Provide the necessary institutional and technological support for the adoption of digital technologies and practices appropriate to digital transformation

2) Specific objectives

- Increase the share of firms with at least a basic level of digitisation to 90% by 2030
- Increase the share of firms using advanced digital technologies to 75% by 2030
- Support SMEs in developing, testing and deploying advanced production technologies and ways of business organisation corresponding to the elements of Industry 4.0.
- Connecting the academic and business spheres
- Linking knowledge and skills in the field of digitization
- Support the development of a knowledge-based economy
- Support the development of regional domains of specialisation
- Facilitate the cooperation of regional companies with the EDIH network
- To innovate in the technological focus areas of the EDIH NEB
- Promote E-government and the use of AI in public administration
- Provide clients with access to the latest expertise
- Promote the introduction of modern and intelligent technologies that facilitate energy conservation, improve the living standards of citizens and save the environment
- Deepen cooperation in unique digitisation expertise in the NUTS 2 and cross-border regions
- Increase the level of digital knowledge of the workforce
- Develop a regional, national and international innovation ecosystem
- Strive for resource efficiency and lower emissions
- Present the results of EDIH activities to the public and motivate the target group
- Improve the efficiency and sustainability of production processes
- Increase the number of employees with knowledge of advanced digital technologies
- Increase the participation of women in the digital field

3) Operational objectives

- Create a single point of contact
- Establish cooperation with other EDIHs
- Coordinate EDIH project and activities using CRM, client database, etc.
- Report regularly on EDIH activities (implementation reports)
- Cooperate with the EC and within the EDIH network in training of EDIH staff, working with the EC information system, etc.
- Provide training and educational courses or individualised training plans and internships
- Organise matchmaking/networking/B2B events at regional, national and EU level
- Link representatives of public administration, companies and other organisations forming the innovation ecosystem
- Communicate and disseminate project objectives, methodology, benefits and results to a wide range of stakeholders
- Contribute to the dissemination of information about EDIH NEB by producing printed materials, presentation boards, roll-ups and other promotional items

- Build a TestBed focused on Industry 4.0 and the Industrial Internet of Things (IIoT) to address the practical needs of clients
- Map the level of digitalisation of EDIH NEB clients
- Promote digital education activities that focus on creating the conditions for the digital transformation process of companies and public entities
- Conduct screening of subsidies and other financial resources
- Organise investor days for EDIH NEB clients
- Provide advice on other options for financing investments in the field of digitalisation
- Link public authorities with companies that are ready to deliver the necessary digital technology solutions
- Reduce the cost of digital transformation for companies to increase their motivation
- Serve approx. 170 clients per year (SMEs, midcaps, public administrations) within the Test before invest service
- Serve approx. 220 clients per year (SMEs, midcaps, public administration) annually with Skills and Training
- Serve approx. 400 clients per year (SMEs, midcaps, public administration) within the Innovation ecosystem and Networking service
- Serve approx. 80 clients per year (SMEs, midcaps, public administration) within the Support to find Investments service

Additional information to the chapter 3.3 - Environmental sustainability and contribution to European Green Deal goals

Below we describe the professional experience of individual members of the consortium and links to the interconnection of digitisation services and green topics.

The activities of ARR - Agentura pro regionální rozvoj (Agency for Regional Development hereinafter "ARR") **owned by the Liberec Region** and of the experts linked to this company, employ elements such as knowledge and real and considerable experience of environmental protection and intensive improvement aimed at achieving carbon neutrality, also going as far as to address interconnection with modern technologies, digital technologies included. For example, ARR has experience in the sphere of **water protection** projects and **water treatment** (the preparation of specialised projects) and in the field of education in the **circular economy** (e.g. by organising special awareness-raising events on this topic and bringing experts on-board).

ARR prepared a concept known as "**Smarter Region**" for the Liberec Region, which describes the current situation in the region and proposes a number of "smart" solutions, which are also very closely related to digitisation and connected to "green issues". Many pilot projects to concern the topic will be carried out over time. Thanks to these activities, for example, specialised sensors have already been installed in regional buildings as part of one of the projects, collecting data which, after evaluation, significantly **helps reduce energy consumption - ARR is also involved in their implementation and can pass the practical experience acquired on to clients of EDIH NEB.**

Due to the fact that ARR is based in Liberec, there is also connection to clients from the border area within **Euroregion Nisa, i.e. from Poland and Germany**, and the services on offer have also a European dimension. As far as digitisation is concerned, ARR also worked with another member of the consortium - **Národní klastrová asociace** (National Cluster Association - hereinafter "NCA") on the organisation of a conference entitled Digital Technology in the Management and Development of Czech Cities and Municipalities, which also focused on "green issues" - e.g. digitisation and sustainable energy at the level of groups of buildings, smart cities, and other smart technologies that streamline the running of cities and urban organisations. The experts who spoke there, and indeed some of the delegates, constitute another bank of specialists who can pass on expertise within EDIH NEB. As for involvement in clusters, **ARR works closely with the Nanoprogress and Clutex clusters**, which bring together progressive companies that focus on the development and production of **nanomaterials and textiles**, in that the environment and connectivity to industry are very important issues.

ARR is also responsible for the **Platform for Digitisation of the Liberec Region**, set up some time ago, bringing together experts on the given topic, representatives of companies from the Liberec Region, and representatives of public and educational institutions, who in turn pass on information from the sphere of digitisation from experts on this topic. However, attention also focuses on matters relating to environmental sustainability (e.g. electromobility, automated cars, collaborative systems, cyber security, etc.). At the same time, the activities of the platform result in ideas and suggestions for other projects to concern the topics at issue, and in turn this output and these experiences are themselves a source of valuable information that can be used by the clients of EDIH NEB. ARR also took part in the preparation of, and will participate in the future implementation of, the **Junior Centre for Cyber Security** training centre, which will work for the entire region, whereby it will also use the experience gained for further activities in EDIH NEB. This area is also directly linked to the interconnection of digitisation and green issues, where it is necessary to protect all digital activities, even in this area, from possible attack from the outside.

Last, but not least, ARR is also responsible for the **Lipo.ink business incubator**, whose numerous activities are directly connected to **the broader sphere of business**, particularly in the Liberec region, guaranteeing a direct line to **start-ups and the large number of SMEs that are active in the region**. Green issues are naturally one area of their activities. ARR also works closely with a local science centre, **IQlandia**, where awareness-raising events have already been jointly organised, focusing on working with modern production technologies which are efficient and environmentally-friendly at the

same time on account of their modernity and low consumption of materials and energy. Experience in the sphere of awareness-raising is also therefore considerable. All experience taken from the activities outlined above is actively used in the work of EDIH NEB.

The Technical University of Liberec (hereinafter "TUL") has a myriad of expert knowledge that has long helped improve the environmental situation, practical cooperation with the business community and public organisations included. TUL **holds a number of patents and utility models** that have a direct link to topics associated with **nanomaterials and other advanced materials**, for example, in that such issues are also tied to the circular economy. The individual faculties at the university, such as the **Faculty of Mechatronics** and the **Faculty of Mechanical Engineering**, are joined by **CXI - Institute for Nanomaterials, Advanced Technologies and Innovations**, one of the research centres at TUL. Its aim is to use extensive experience and knowledge to contribute toward the development of a region that has traditionally focused on the technical sectors of industry and to put its skills into practice. This institute brings together the laboratories of technical specialisations at TUL and ensures their cooperation with important organisations in the sphere of application.

Research programmes focus on material research and competitive engineering, emphasising the usability of the results of research and development in practice. In light of the fact that CXI also has a **Department of Environmental Technologies**, there is also a direct link to solutions in the area of smart technologies for environmental improvement. Among many other things, CXI addresses the **development of autonomous electric utility vehicles** and, **in the field of battery packs, charging and alternative energy sources**. TUL also has extensive experience in the use of artificial intelligence and other related specialisations. Moreover, CXI has exceptional know-how when it comes to research into and the **development of nanomaterials and nanotechnologies, which can be used to reduce pollution and improve the environment**. Research and development in nanomaterials and the equipment that is developed for the production of such nanomaterials have a long tradition in Liberec, the "cradle" of research and development in this field in the Czech Republic. As mentioned above, the CXI Institute at TUL also focuses closely on the **use of nanomaterials in natural sciences**, while research activities in the field of materials concentrate on both basic and applied research, primarily in support of the work of industrial organisations in the Liberec region and in other regions.

There is, of course, a European and international dimension to its work as well. One part of the research programme into nanomaterials in natural sciences is conceived as a set of activities directed towards basic research - applied research and subsequent implementation. In addition to **electrostatic spinning**, basic research encompasses the preparation of various types of **nanosurface treatments and composites based on nanomaterials**. Applied research focuses on investigating the properties of nanomaterials and their subsequent usability for specific applications, which might **include liquid and air filtration, surface treatments in medicine and engineering, biotechnological materials for water treatment, and other remediation processes**.

CXI's material research laboratories also concentrate on the **specific application of materials, water, air, and soil**, the physical factors of particle transfer, including the application of **new knowledge in the field of hydrophobicity and hydrophilicity**. It is also possible to map out subsoil and the **flow of groundwater**, an important field of activity right now given that water-related issues are a major problem in the Liberec region and elsewhere. The circular economy is another important issue addressed at TUL. All of the activities mentioned above are of far-reaching importance in improving the properties of machines and products, saving resources, and improving communication, and indeed in relation to the circumstances of protecting and preserving the environment, and are deemed to be a specialisation of considerable importance, one that has great potential for use by the clients of EDIH NEB.

The activities, experience, and research carried out by another member of the consortium - the VÚTS research institute, allow it to participate in development activities and in dealing with technical and technological issues, which are subsequently applied in the onward **development of machinery and equipment** and can thus positively impact on the environment: for example, **reducing energy consumption, increasing performance and production parameters, extending the lifetime of equipment, and shortening innovation cycles, leading to a reduction in the environmental impact**

of machinery and equipment, affecting their future functionality and significantly saving energy and material resources. This experience too is fully available to EDIH NEB clients.

Due to its connection to hundreds of professionally-focused companies from all over the Czech Republic, associated under member cluster organisations that focus on a diverse range of subjects, the **National Cluster Association** (hereinafter "NCA") has major potential in terms of being able to use their knowledge and experience for companies or institutions that need help with their **digital and environmental activities**. The broad focus mentioned and the fact that experts who deal with environmental issues and environmental improvement are frequently associated within clusters mean that this partner can provide an inexhaustible amount of experience and a considerable list of contacts to experts for EDIH NEB clients to use.

AEC is a major company having expertise in the field of **cyber security**, and its knowledge and experience are an important source of information and services for clients of EDIH NEB in this area. AEC is active throughout the Czech Republic and in Europe. It has extensive **experience of developing products and services that provide protection against advanced cyber attacks**. It is able to analyse problems, propose solutions, integrate measures, test and audit, and naturally has a broad base of learned experts. It can help clients with problems relating to **cyber protection, prevent attacks, detect them in time, and eliminate them, or at least mitigate their impact**, doing so with the help of what are known as penetration tests, using which it is able to verify the client's level of information security and ICT resilience to real cybernetic threats. This it does by simulating a hacker attack on the client's computer network or on web and mobile applications. There is demand for this experience among EDIH NEB clients, one reason being the deteriorating cyber security situation.

Like TUL, the University of Hradec Králové (hereinafter "UHK") has extensive **experience of digital technologies, artificial intelligence and, of course, activities that focus on the environment**. It has a wide base of technological equipment and expert personnel and is also active at European and international level. Its experience as a university as a whole and the main focus of two important faculties - the **Faculty of Informatics and Management and the Faculty of Science** - combine to ensure that it has extensive experience of connecting technological topics to issues relating to environmental protection and technologies that save and protect the environment. In the same way, UHK cooperates very intensively with both private and public sectors, passing on the knowledge it has acquired to these institutions. These specialisations mean that UHK enriches the work of EDIH NEB to a major extent.

As with the leader of the consortium specified above (ARR), Centrum investic a rozvoje (Centre for Investment, Development and Innovation - hereinafter "CIRI") is a **regional development agency**, although in this case one that is **active in the Hradec Králové Region**. Its development activities directly link the centre to local companies, public, research and educational institutions and to experts, including **specialists in the environment and digital technology**. In light of its location in Hradec Králové and its proximity to the border, it is also **directly connected to Poland and to Euroregion Glacensis**, where issues relating to "green and digitisation matters" are also addressed. CIRI also works very closely with educational institutions and, of course, with the University of Hradec Králové, which is another member of the consortium.

The experience and knowledge of regional experts can be used by the clients of CIRI and by those of EDIH NEB. One concept on which CIRI draws is that of the **"Hradec Králové Region - a Smarter Region"**, as part of which a number of "smart" solutions have been proposed. As in the Liberec Region, these touch on areas such as digitisation and its linkage to "green issues". As far as digitisation is concerned, CIRI participated (inter alia) in the joint implementation of a project that **supports e-government** - "Data Hradec Králové Region and open data catalogue Hradec Králové Region" - in which it learned a great deal that can be used by other institutions.

CIRI is also responsible for the Regional Innovation Platform for New Textile Materials, which brings together experts on the subject at hand and business representatives to find ways of **developing textiles, new sustainable textile materials, and modern technologies that have a fundamental influence on the saving of energy, material, and other resources**, whereby the digitisation of production processes in textiles is an important aspect in the development of this field. Through CIRI,

the Hradec Králové Region is also involved in the **European Regiotex platform**, where European experts from the textile industry meet and intensively address issues such as the **sustainability of textile production** - the issue of sustainable textiles and the use of textile waste is one of the key areas dealt with on this platform. CIRI is presently in the process of initiating the creation of a new regional innovation centre that will further intensify its connection to the world of business and will be able to disseminate innovation activities and professional contacts with regard to the issues of digitisation and environmental protection. The activities outlined above are closely linked to the activities carried out by EDIH NEB and are available to its clients.

EDIH Northern and Eastern Bohemia

Liberec, Czech Republic

represented by ARR – Agentura regionálního rozvoje, spol. s r.o. (Regional Development Agency)
as the lead partner

U Jezu 525/4, 460 01 Liberec – Liberec IV-Perštýn, Czech Republic

EDIH Saxony

Saxony, Germany

represented by consortium partner

simul+ (Saxon State Ministry of Regional Development)

Subject: Letter of Intent to collaborate between the EDIH Northern and Eastern Bohemia and the EDIH Saxony

Both parties of this letter, the EDIH Northern and Eastern Bohemia and the EDIH Saxony, confirm their commitment to actively collaborate within the framework of the Digital Europe Programme.

The EDIH Northern and Eastern Bohemia, based in Liberec, provides advanced expert services to small and medium-sized enterprises, start-ups and other organizations - in order to dynamize their digital transformation. At the same time, it draws on excellent, and often technologically one-of-a-kind, research and development specializations of companies and research organizations, especially from the regional territories of Liberec and Hradec Králové.

The consortium of the EDIH Saxony focuses on digital applications in Smart Production, Smart Energy, Health, Smart Mobility, Smart Administration and Smart Living. All these fields of application in cooperation with each other should contribute to the emergence of smart regions. In accordance with the Digital Europe Programme the EDIH Saxony will help develop capacities in digital technologies in the areas of hardware, software, and connectivity, especially regarding artificial intelligence (AI), machine learning, blockchain, high-performance-computing (HPC) and robotic.

In their collaboration, the EDIH Northern and Eastern Bohemia and the EDIH Saxony confirm the following mutual support regarding their projects:

- Mutually providing the EDIHs' infrastructure for joint use of the EDIHs or their partners.
- Common events and mutual support, especially in the areas smart city/smart region, health, smart administration and smart production.
- Engagement in the international network of EDIHs and active participation in the corresponding events, workshops, network and cluster meetings as well as other stakeholder-supported activities.
- Help in engaging with additional organisations within the regional network of partners of EDIH Northern and Eastern Bohemia and EDIH Saxony, especially regional SMEs, with the aim of building new value chains across Europe.
- Mutual exchange of best practices.
- Enhancing the cross-border cooperation between Germany and the Czech Republic with focus on digital applications.

By signing and submitting this Letter of Intent, the EDIH Northern and Eastern Bohemia and the EDIH Saxony mutually confirm that they will actively contribute to a common collaboration corridor in case of award of the project.

Date of signature: 17/02/2022

Representing the EDIH Northern and Eastern Bohemia:

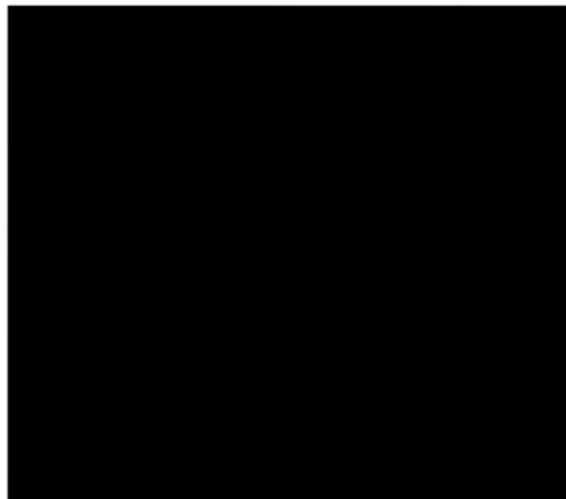


ARR-Agentura regionálního rozvoje, spol.s r.o.

Representing the EDIH Saxony:



Simul+ Innovation Hub



Letter of intent for cooperation

Both parties of this Letter of intent confirm the great interest in establishing a long-term partnership in the direction of digital transformation, with special focus on areas such as Artificial Intelligence, process automation, cybersecurity, and other innovative technologies and will cooperate in form of mutual support activates and understanding.

The designed Wro4DigitAI EDIH coordinated by WPT to be established in Wroclaw, Poland, and the EDIH Northern and Eastern Bohemia, coordinated by ARR – Agentura regionálního rozvoje s. r. o. in Liberec, Czech Republic (as lead partner of the consortium) to be established in Liberec are both innovation hubs that aim to actively support digitization and structural transformation with the help of digital and innovative technologies in order to support the development of the business sectors in their respective macro-regions. Both parties have extensive background, knowledge and know-how of the digital transformation process, as well as an extensive network of stakeholders from the digitization value chain including but not limited to digital solution providers to product manufacturers, service providers, universities, research centers and public institutions, as well as non-IT industry representatives.

Should the European Commission award the above-mentioned EDIHs with funds, their mutual support would entail outreach, communication, and participation efforts meant to scale the Digital Europe project and its impacts. A critical point would be the access of SMEs to proper business and technological expertise available within EDIHs' services. The intended cooperation will also focus to reunite the efforts and capacities to carry out activities and, developing a support ecosystem for organizations interested in digital transformation.

To reach this objectives, both parties agree to capitalize on existing resources and opportunities for digital transformations at the level of industrial sector, public administration and society in general, while jointly collaborating on:

- ✓ Ecosystem building - common brokering and matchmaking event organization;
- ✓ Contribution to common activities, depending on mutually beneficial identified opportunities – complementary or joint services;
- ✓ Mutual promotion of the cooperation and its support activities through their respective communication channels;
- ✓ Facilitating relationships with innovative technology and solution providers and beneficiaries belonging to their respective stakeholder networks;
- ✓ Exchange of information on activities and best practices that could be of interest to the other party.

This document represents the intention and will of the EDIHs to carry out actions in support of the digital transformation process and enters into force on the date of signing by the Partner for an indefinite period.

This document was signed on: 01/02/2022

On behalf of the signing EDIH

Wroclaw Technology Park
[REDACTED]
EDIH Project Coordinator

Signature

[REDACTED]

CONTACT DETAILS

Muchoborska 18, Wroclaw, Poland

[REDACTED]

On behalf of the signing EDIH

ARR–Agentura regionálního rozvoje s. r. o.
(as lead partner of the EDIH NEB consortium)

[REDACTED]

Managing Director

Signature

[REDACTED]

CONTACT

U jezu 525/4, 460 01 Liberec, Czech Republic

[REDACTED]

Fraunhofer IWU | Reichenhainer Strasse 88 | 09126 Chemnitz

ARR – Agentura regionálního rozvoje, spol. s r.o.
(Regional Development Agency)
[REDACTED], General Manager
U Jezu 525/4
460 01 Liberec
Czech Republic

Fraunhofer Institute for Machine Tools
and Forming Technology IWU

Director
[REDACTED]

Reichenhainer Strasse 88
09126 Chemnitz

Director
Scientific Field Forming Technology
Phone +49 351 4772-2400 | Fax -6-2400
[REDACTED]
www.iwu.fraunhofer.de

Chemnitz, October 19, 2020

Letter of Intent

Dear [REDACTED]

On behalf of the Fraunhofer Institute for Machine Tools and Forming Technology IWU, I would like to confirm an intent to cooperate with your organization, which is a Regional development agency of the Liberec Region (leader of Digital Innovation Hub in Liberec region), and hand in hand to develop the implementation of the upcoming project of the European Digital Innovation Hub in the Liberec Region (eDIH). Its focus on digital skills development, access to test before invest infrastructure, support to find investment and the development of a regional as well as international innovation ecosystem and networking in digitalization knowledge is very meaningful for us.

We are pleased that the European Digital Innovation Hubs will support the widespread use of artificial intelligence technologies, high-performance computer systems and cyber security, especially in small and middle entrepreneurs and public administrations. We are also interested in the focused technological areas of the eDIH in Liberec Region, especially in an artificial intelligence - machine learning, robotics and cybernetics, speech recognition and synthesis, 3D printing and 3D scanning, sensors and super-precise optics.

We perceive development of cooperation in digitalization, which is considered to be a key tool for the industrial transformation of SMEs as well as public administration, as a mutual benefit to further cooperation between Fraunhofer Institute for Machine Tools and Forming Technology IWU and the Regional development agency of the Liberec Region.

Yours sincerely,
[REDACTED]

Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e. V., München
[REDACTED]



Cheques and transfers payable to:
Deutsche Bank, München
Account 752193300 BLZ 700 700 10
IBAN DE86 7007 0010 0752 1933 00
BIC (SWIFT-Code) DEUTDEMM
V.A.T. Ident No. DE129515865
Tax Number 143/215/20392

Wirtschaftsförderung Erzgebirge GmbH
Adam-Ries-Straße 16 · 09456 Annaberg-Buchholz

ARR – Agentura regionálního rozvoje, spol. s r.o.
(Regional Development Agency)

[REDACTED] general manager
U Jezu 525/4

460 01 Liberec
Czech Republic

2020-10-12

Letter of Intent

[REDACTED]

On behalf of Wirtschaftsförderung Erzgebirge GmbH, I would like to confirm an intent to cooperate with your organization, which is a Regional development agency of the Liberec Region (leader of Digital Innovation Hub in Liberec region), and hand in hand to develop the implementation of the upcoming project of the European Digital Innovation Hub in the Liberec Region (eDIH). Its focus on digital skills development, access to test before invest infrastructure, support to find investment and the development of a regional as well as international innovation ecosystem and networking in digitalization knowledge is very meaningful for us.

We are pleased that the European Digital Innovation Hubs will support the widespread use of artificial intelligence technologies, high-performance computer systems and cyber security, especially in small and middle entrepreneurs and public administrations. We are also interested in the focused technological areas of the eDIH in Liberec Region, especially in an artificial intelligence - machine learning, robotics and cybernetics, speech recognition and synthesis, 3D printing and 3D scanning, sensors and super-precise optics.

We perceive development of cooperation in digitalization, which is considered to be a key tool for the industrial transformation of SMEs as well as public administration, as a mutual benefit to further cooperation between Wirtschaftsförderung Erzgebirge GmbH and the Regional development agency of the Liberec Region.

Wirtschaftsförderung
Erzgebirge GmbH
Adam-Ries-Straße 16
09456 Annaberg-Buchholz

Telefon 03733 145-0
Telefax 03733 145-145
kontakt@wfe-erzgebirge.de
www.wfe-erzgebirge.de

Geschäftsführer:
Matthias Lüke

Aufsichtsratsvorsitzender:
Volkmar Viehweg

Registergericht Chemnitz
HRB 12630

Erzgebirgssparkasse
IBAN:
DE79 8705 4000 3319 0013 79
BIC: WELADED1STB

Volksbank Chemnitz e.G.
IBAN:
DE78 8709 6214 0001 0700 70
BIC: GENODEF1OH1



Hochschule Zittau/Görlitz - 02754 Zittau - Postfach 14 54

ARR – Agentura regionálního rozvoje, spol. s r.o.
(Regional Development Agency)

██████████ General Manager

U Jezu 525/4
460 01 Liberec
Czech Republic

DER REKTOR

Ansprechpartner/-in:

██████████
Telefon: +49 3583 612-3000
Telefax: +49 3583 612-3009
rektor@hszg.de

Aktenzeichen:
RR/Mü

26.11.2020

Hausanschrift:
Hochschule Zittau/Görlitz
Theodor-Körner-Allee 16
02763 Zittau

www.hszg.de

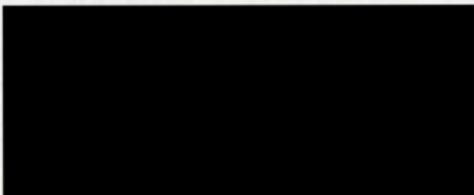
Letter of Intent

Dear ██████████

On behalf of Hochschule Zittau/Görlitz (University of Applied Sciences), I would like to confirm an intent to cooperate with your organization, the Regional development agency of the Liberec Region (leader of Digital Innovation Hub in Liberec region), and to develop hand in hand the implementation of the upcoming project of the European Digital Innovation Hub in the Liberec Region (eDIH). Its focus on developing digital skills, providing access to test before invest infrastructure, supporting in finding investment and on developing a regional as well as an international innovation ecosystem and networking in digitalization knowledge is very meaningful to us.

We are pleased that the European Digital Innovation Hubs will support the widespread use of artificial intelligence technologies, high-performance computer systems and cybersecurity, especially in small and medium-sized enterprises and public administrations. We are also interested in the targeted technological areas of the eDIH in Liberec Region, especially in artificial intelligence – machine learning, robotics and cybernetics, speech recognition and synthesis, 3D printing and 3D scanning, sensors and super-precise optics. The transfer of innovation in our and our neighboring region as well as our cross-boarder cooperation within EU is of great importance to us.

We perceive development of cooperation in digitalization, which is considered to be a key tool for the industrial transformation of SMEs as well as public administration, as a mutual benefit to further cooperation between Hochschule Zittau/Görlitz (University of Applied Sciences) and the Regional Development Agency of the Liberec Region.



Kein Zugang für elektronisch signierte sowie für verschlüsselte elektronische Dokumente.



UNIWERSYTET
O P O L S K I

© VDS 2021 PRZYRODNICZO-TECHNICZNY (2023) 8418166 - 16/05/2023

ul. Oleska 48, 45-052 Opole
tel. + 48 77 452 73 00
fax +48 77 452 73 03
wpt@uni.opole.pl
www.wpt.uni.opole.pl

ARR – Agentura regionalního rozvoje, spol. s r.o. (Regional Development Agency)

██████████ general manager

U Jezu 525/4
460 01 Liberec
Czech Republic

Letter of Intent

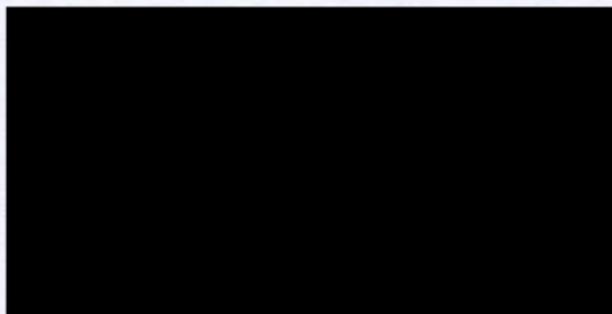
Dear ██████████

On behalf of Faculty of Natural Sciences and Technology, University of Opole, I would like to confirm an intent to cooperate with your organization, which is a Regional development agency of the Liberec Region (leader of Digital Innovation Hub in Liberec region), and hand in hand to develop the implementation of the upcoming project of the European Digital Innovation Hub in the Liberec Region (eDIH). Its focus on digital skills development, access to test before invest infrastructure, support to find investment and the development of a regional as well as international innovation ecosystem and networking in digitalization knowledge is very meaningful for us.

We are pleased that the European Digital Innovation Hubs will support the widespread use of artificial intelligence technologies, high-performance computer systems and cyber security, especially in small and middle entrepreneurs and public administrations. We are also interested in the focused technological areas of the eDIH in Liberec Region, especially in an artificial intelligence - machine learning, robotics and cybernetics, speech recognition and synthesis, 3D printing and 3D scanning, sensors and super-precise optics. The transfer of innovation in our and close by regions and our cross- boarder cooperation within EU is very meaningful for us.

We perceive development of cooperation in digitalization, which is considered to be a key tool for the industrial transformation of SMEs as well as public administration, as a mutual benefit to further cooperation between Faculty of Natural Sciences and Technology, University of Opole and the Regional development agency of the Liberec Region.

Yours sincerely,





Wroclaw, 26.10.2020

ARR – Agentura regionalního rozvoje, spol. s r.o. (Regional Development Agency)

██████████ General Manager

U Jezu 525/4

460 01 Liberec

Czech Republic

Letter of Intent

Dear ██████████

On behalf of Wrocław Centre for Technology Transfer of Wrocław University of Science and Technology, I would like to confirm an intent to cooperate with your organization, which is a Regional Development Agency of the Liberec Region (leader of Digital Innovation Hub in Liberec region) regarding the implementation of the upcoming project of the European Digital Innovation Hub in the Liberec Region (eDIH). Its focus on digital skills development, access to test before invest infrastructure, support to find investment and the development of a regional as well as international innovation ecosystem and networking in digitalization knowledge is very meaningful for us.

We are pleased that the European Digital Innovation Hubs will support the widespread use of artificial intelligence technologies, high-performance computer systems and cyber security, especially in small and middle entrepreneurs and public administrations. We are also interested in the focused technological areas of the eDIH in Liberec Region, especially in an artificial intelligence - machine learning, robotics and cybernetics, speech recognition and synthesis, 3D printing and 3D scanning, sensors and super-precise optics. The transfer of innovation in our and close by regions and our cross- boarder cooperation within the EU is very meaningful also for us.

We perceive development of cooperation in digitalization, which is considered to be a key tool for the industrial transformation of SMEs as well as public administration, as a mutual benefit to further cooperation between Wrocław Centre for Technology Transfer and the Regional Development Agency of the Liberec Region.

Yours sincerely,

██████████ Director of Wrocław Centre for Technology Transfer

Mittelstand 4.0-Kompetenzzentrum Chemnitz
c/o Technische Universität Chemnitz | 09107 Chemnitz

ARR - Agentura regionálního rozvoje, spol. s r.o. (Regional
Development Agency)

[REDACTED], general manager

U Jezu 525/4
460 01 Liberec
Czech Republic

Bearbeiter: [REDACTED]
Adresse: Erfenschlager Str. 73,
09125 Chemnitz
Telefon: +49 371 531 35301
Fax: +49 371 531 835301
E-Mail: [REDACTED]

Ort, Datum: Chemnitz, 13. Oktober 2020

Letter of Intent

Dear [REDACTED]

on behalf of Mittelstand 4.0-Kompetenzzentrum Chemnitz, I would like to confirm an intent to cooperate with your organization, which is a Regional development agency of the Liberec Region (leader of Digital Innovation Hub in Liberec region), and hand in hand to develop the implementation of the upcoming project of the European Digital Innovation Hub in the Liberec Region (eDIH). Its focus on digital skills development, access to test before invest infrastructure, support to find investment and the development of a regional as well as international innovation ecosystem and networking in digitalization knowledge is very meaningful for us.

We are pleased that the European Digital Innovation Hubs will support the widespread use of artificial intelligence technologies, high-performance computer systems and cyber security, especially in small and middle entrepreneurs and public administrations. We are also interested in the focused technological areas of the eDIH in Liberec Region, especially in an artificial intelligence - machine learning, robotics and cybernetics, speech recognition and synthesis, 3D printing and 3D scanning, sensors and super-precise optics.

We perceive development of cooperation in digitalization, which is considered to be a key tool for the industrial transformation of SMEs as well as public administration, as a mutual benefit to further cooperation between Mittelstand 4.0-Kompetenzzentrum Chemnitz and the Regional development agency of the Liberec Region.

Yours sincerely,

[REDACTED]



Letter of Intent

On the one hand:

EDIH Northern and Eastern Bohemia (EDIH NEB)

represented by the lead partner of the consortium:

ARR - Agentura regionálního rozvoje, spol. s r. o.

U Jezu 525/4, Liberec - Liberec IV-Perštýn, 46001, Czech Republic

ID: 48267210

Represented by [REDACTED] managing director

and on the other hand:

Technology Centre of The Czech Academy of Sciences as national coordinator of Enterprise Europe Network

Ve Struhách 1076/27

160 00 Praha 6 – Podbaba

ID: 60456540

Represented by: [REDACTED] Director

intend to work together within the eDIH network to support the digital transformation of SMEs and public sector.

EDIH network activities are focused on digital skills development, access to test before invest infrastructure, support to find investment and the development of a regional as well as international innovation ecosystem and networking in digitalization knowledge.

EDIH Northern and Eastern Bohemia offers the following services in the field of digitalisation, especially in an artificial intelligence, secondarily in selected areas of cybersecurity:

- machine learning, robotics and cybernetics, speech recognition and synthesis, sensors and measurements, super-precise optics, mathematical modelling, data analysis & big data, vision machine systems, high performance computing, remote control of machines, IoT, mixed reality, electromobility, web systems and mobile applications,
- in the field of cybersecurity, the services and synergies associated with security audit, penetration testing and surveillance services by the Security operations centers are on offer
- other digitalization services, for example digital audits, 3D printing and 3D scanning etc.

Furthermore, EDIH NEB offers networking, matchmaking, vocational training, organisation of cross-border expert platforms and events etc.

Both parties intend to cooperate in the areas of:



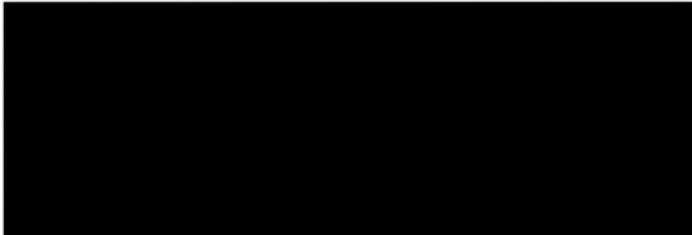
- organising of common events which are related to the above mentioned topics
- linking and support of European companies which need to solve above mentioned topics
- common publicity and marketing cooperation within the above mentioned topics
- support of potential projects related to digitalisation topics
- matchmaking activities

In addition to the above-mentioned key services, we also foresee cooperation in the areas of experience sharing, information exchange etc.

We perceive development of cooperation in digitalization, which is considered to be a key tool for the industrial transformation of SMEs as well as public administration, as a mutual benefit to further cooperation between Technology Centre of The Czech Academy of Sciences as national coordinator of Enterprise Europe Network and the EDIH Northern and Eastern Bohemia.



for ARR – Agentura regionálního rozvoje s. r. o. (as lead partner of the EDIH NEB consortium)



For Technology Centre of The Czech Academy of Sciences (as national coordinator of Enterprise Europe Network)

Memorandum of Understanding – EDIH Manufacturing Network (EDIH4Manu)

We, coordinators of European Digital Innovation Hub candidates,

1. EDIH Lombardia (Lombardy, Italy), coordinated by MADE Competence Center I4.0
2. DIGITALIS (Flanders, Belgium), coordinated by Flanders Make
3. EDIH SNL (South Netherland, Netherland), coordinated by Stichting EDIH ZNL
4. EDIH DIGIHALL (Île de France, France), coordinated by CEA
5. POLYTRONICS (Auvergne Rhone Alpes, Bourgogne Franche Comté, Centre Val de Loire, France), coordinated by Polymeris
6. DIH4CAT (Catalonia, Spain), coordinated by ACCIÓ - Agència per la Competitivitat de l'Empresa
7. Canary Islands Digital Innovation Hub (CIDIHUB) (Canary Islands, Spain), coordinated by Innovalia Association
8. PRODUTECH DIH (Portugal), coordinated by PRODUTECH – Associação para as Tecnologias de Produção Sustentável
9. NEURAL (Veneto, Italy), coordinated by SMACT Competence Center
10. EXPAND (Piedmont, Italy), coordinated by CIM4.0 Competence Center
11. EHUB-WG (Patras, Greece), coordinated by Laboratory for Manufacturing System & Automation (LMS)
12. Six Manufacturing EDIH (Finland), coordinated by Tamlink Ltd.
13. AddSmart – The European Digital Innovation Hub of North Denmark (North Denmark, Denmark), coordinated by Business Hub Northern Denmark
14. ShiftLabs (Stockholm, West Sweden, East Middle Sweden, Sweden), coordinated by Mälardalen University.
15. EDIH Rheinland, (Rheinland, Germany), coordinated by Laboratory for Machine Tools and Production Engineering (WZL) of RWTH Aachen University
16. EDIH Cassovium (East Slovakia, Slovakia), coordinated by Technical University of Košice
17. Digitization.Beyond.BW (Baden Württemberg, Germany), coordinated by Zentrum für Digitalisierung Landkreis Böblingen – ZD.BB GmbH
18. EDIH Digital Innovations for Bavarian Industries (North and Southwest Bavaria, Germany), coordinated by Bayern Innovativ GmbH
19. Hub4Industry (Małopolska, Podkarpacie, Świętokrzyskie, Poland), coordinated by Krakowski Park Technologiczny sp. z o.o.
20. EDIH Ostrava (Moravian-Silesian Region, Czech Republic), coordinated by VSB – Technical University of Ostrava
21. Basque Digital Innovation Hub (BDIH) (Basque Country, Spain), coordinated by SPRI Agencia Vasca de Desarrollo Empresarial
22. EDIH Northern and Eastern Bohemia (Northeast Bohemia, Czech Republic), coordinated by ARR - Agentura regionálního rozvoje, spol. sr.o
23. DIHGIGAL (Galicia, Spain) coordinated by Ceaga-Fundación Cluster de la Automoción de Galicia
24. WalHub (Walloon, Belgium), coordinated by AGORIA
25. Artificial Intelligence EDIH (Hungary), coordinated by Digital Success Nonprofit Ltd.

express the interest on behalf of our EDIH candidates consortium to cooperate within the network “**EDIH Manufacturing Network (EDIH4Manu)**” in the framework of the Initial Network of Digital Innovation Hubs call (ID: DIGITAL – 2021 – EDIH – INITIAL – 01).

We do cooperate on a voluntary basis to **lead European manufacturing industry digital and sustainable transformation** to support of the use digital capacities under Digital Europe Programme specific objectives (i.e. High Performance Computing, Artificial Intelligence, Cybersecurity, Advanced Digital Skills, Accelerating the best use of technologies). The cooperation of the network is based on the following drivers:

- **Manufacturing value chain**, as core sectoral expertise acknowledged in our Regional Smart Specialisation Strategies
- **Access to digital technologies and infrastructure**, allowing for cross regional test before invest services, basing on sectoral and technological complementarities
- **EU/local approach**, leveraging cross regional services and opportunities coming from the existing EU manufacturing regional networks (Vanguard Initiative¹, EUSALP², 4 EU Motors³) our Regions belongs to, as well as Digital Innovation Hubs networks and EU projects network (Annex 2).

For this purpose, we have agreed on the following non exhaustive service portfolio list to be supplied on a cross regional basis to EDIH4Manu clients building on customized customer journey within the scope of the EDIH proposal:

A. TEST BEFORE INVEST, to support the implementation and adoption of digital technologies.

Examples of services:

- Provision of access to technological infrastructure
- R&I project development (such as Proof of Concept, TestBed, prototyping starting from TRL 6)
- Support of product demonstration and qualification

B. SKILLS AND TRAINING. To support reskilling, upskilling and creation of new skills for I4.0.

Examples of services:

- Co-organisation of dedicated technology informative, to explain I4.0 technology
- Co-organization of training courses (e.g. summer school)
- Co-development of teaching factory schemes
- Co organization of train the trainer courses
- Mapping and assessment of skills gaps

C. ACCESS TO R&I FUNDS, supporting companies in accessing European, cross regional funds for R&I and innovative finance. Examples of services:

- Identification of funding opportunities (e.g. Horizon Europe, ERDF, Digital Europe)
- Matching of proposals and funds
- Consortia creation

D. ECOSYSTEM, develop and increase R&I Network (universities, companies, R&D) to promote technology transfer projects. Examples of services:

- Co organization of information and awareness raising
- Cooperation delivering Digital maturity assessment

¹ <http://www.s3vanguardinitiative.eu/>

² <https://www.alpine-region.eu/>

³ <https://www.4motors.eu/en/>

- Tech scouting, trend watching on I4.0 technology
- Technology matchmaking (e.g. company visit, B2B)
- R&I ecosystem management and engagement
- Manufacturing EDIH capacity building and best practice exchange

To implement the above-mentioned activities, we will share and make available our testing facilities to EDIH4Manu clients within the scope of European Digital Innovation Hub network. In addition, to accomplish the above-mentioned services portfolio EDIH Manufacturing Network members will exploit synergies with local Enterprise Europe Network⁴ nodes, EIT Manufacturing co location center⁵, EIT Digital⁶ and regional cluster organization.

Following positive evaluation of the proposals, EDIH4Manu will agree on a joint annual action plan as well as setting up a governance mechanism to manage expansion of the network.

⁴ <https://een.ec.europa.eu/>

⁵ <https://www.eitmanufacturing.eu/>

⁶ <https://www.eitdigital.eu/>

1. EDIH Lombardia

MADE Competence Center I4.0 Scarl (Coordinator)

Represented by 

Date: 08/02/2022

Signature



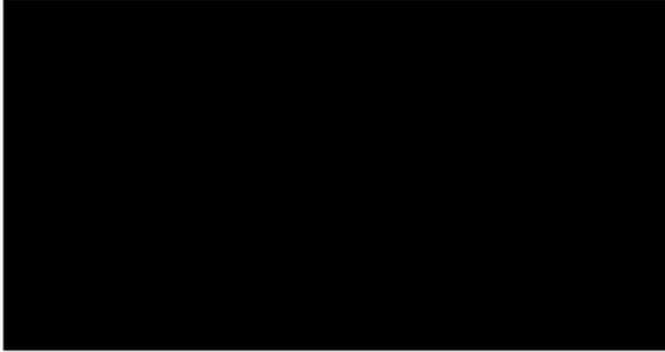
2. DIGITALIS

Flanders Make (Coordinator)

Represented by 

Date:

Signature



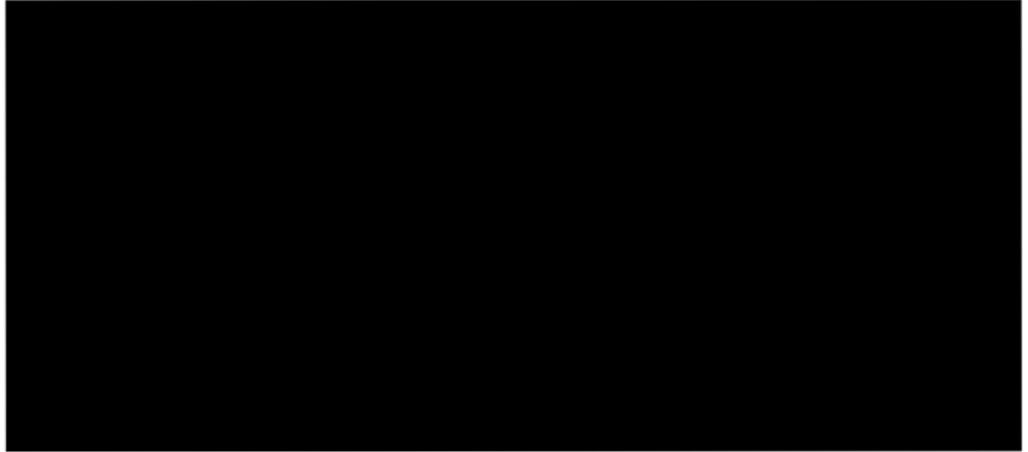
3. EDIH SNL

Stichting EDIH ZNL (coordinator)

Represented by 

Date: 9-2-2022

Signature



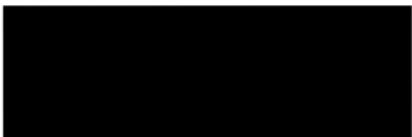
4. EDIH DIGIHALL

CEA (Coordinator)

Represented by 

Date: 10/02/2022

Signature



5. **POLYTRONICS**

Polymeris (Coordinator)

Represented by [REDACTED] CEO Polymeris

Date 14/02/2022

Signature

[REDACTED]

6. **DIH4CAT**

ACCIÓ - Agència per la Competitivitat de l'Empresa (Coordinator)

Represented by 

Date:

Signature



7. Canary Islands Digital Innovation Hub (CIDIHUB)

Innovalia Association (Coordinator)

Represented by 

Date: 09/02/2022

Signature



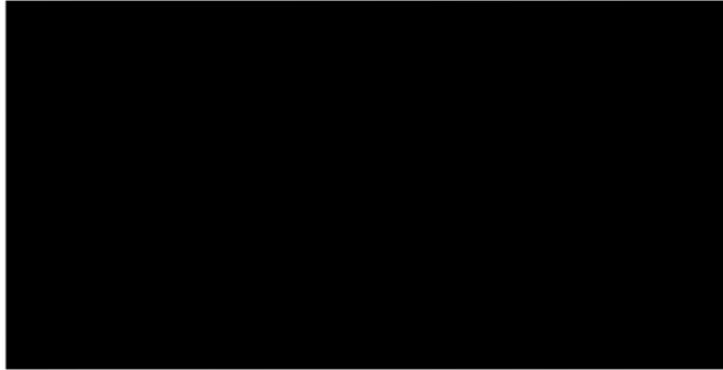
8. PRODUTECH DIH

PRODUTECH – Associação para as Tecnologias de Produção Sustentável) (Coordinator)

Represented by 

Date: Feb. 11th, 2022

Signature



9. **NEURAL**

SMACT Competence Center (Coordinator)

Represented by 

Date: February 10th, 2022

Signature

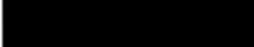


10. **EXPAND**

CIM4.0 Competence Center (Coordinator)

Represented by 

Date: 09/02/2022

Signature 

11. EHUB-WG

Laboratory for Manufacturing System & Automation (LMS) (Coordinator)

Represented by 

Date:

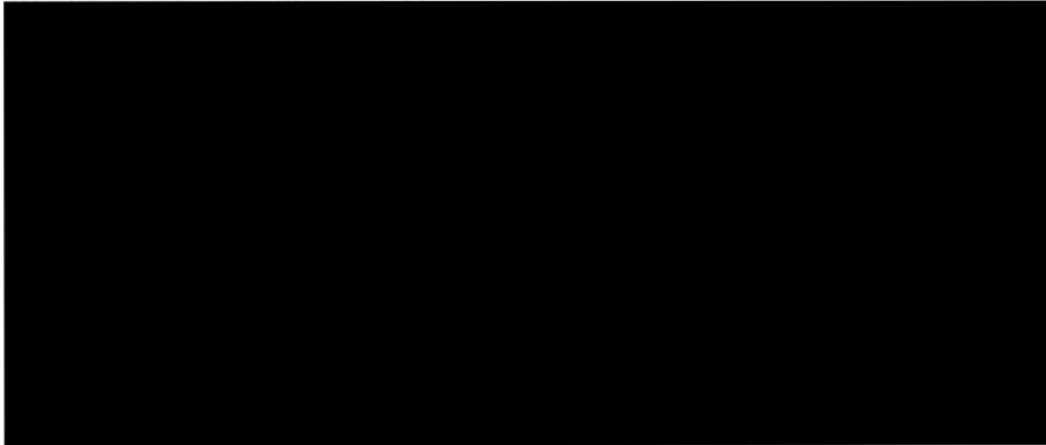
Signature



12. Six Manufacturing EDIH

Tamlink Ltd. (Coordinator)

Represented by [REDACTED], CEO of Tamlink and [REDACTED], Co-creation manager of VTT

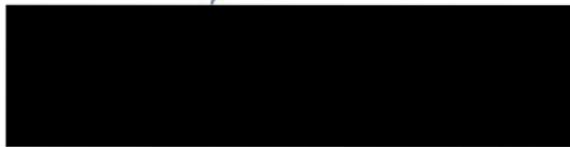


13. AddSmart – The European Digital Innovation Hub of North Denmark

Business Hub Northern Denmark (Coordinator)

Represented by [REDACTED]

Date: 14/02.22.



14. ShiftLabs

Mälardalen University (Coordinator)

Represented by 

Date: 2022-02-16



Signature

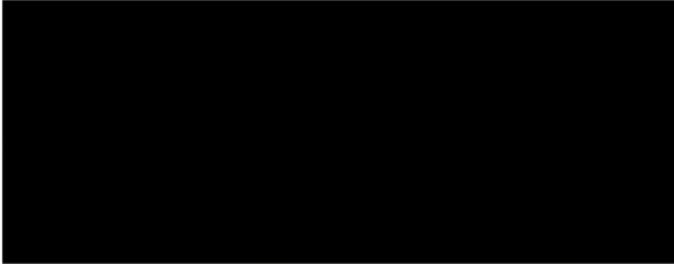
15. **EDIH Rheinland**

Laboratory for Machine Tools and Production Engineering (WZL) of RWTH Aachen University
(Coordinator)

Represented by 

Date: 11/02/2022

Signature



16. **EDIH Cassovium**

Technical University of Košice (Coordinator)

Represented by 

Date: *14.02.2022*

Signature 



17. **Digitization.Beyond.BW**

 Associated with document Ref. Ares(2023)3418166 - 16/05/2023

Zentrum für Digitalisierung Landkreis Böblingen – ZD.BB GmbH

Represented by 

Date: 2022 10 21 08

Signature 

18. EDIH Digital Innovations for Bavarian Industries

Bayern Innovativ GmbH (Coordinator)

Represented by [redacted] Member Board of Directors, and [redacted]

Member Board of Directors

[redacted]

Member Board of Directors

Date and Signature

[redacted]

16.2.22

[redacted]

Member Board of Directors

Date and Signature

[redacted]

16.2.22

19. **Hub4Industry**

Krakowski Park Technologiczny sp. z o.o. (Coordinator)

Represented by 

Date: 15/02/2022

Signature



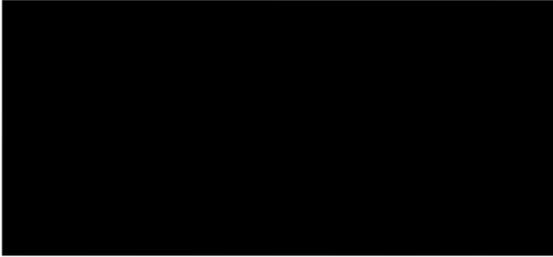
20. **EDIH Ostrava**

VSB – Technical University of Ostrava (Coordinator)

Represented by 

Date:

Signature



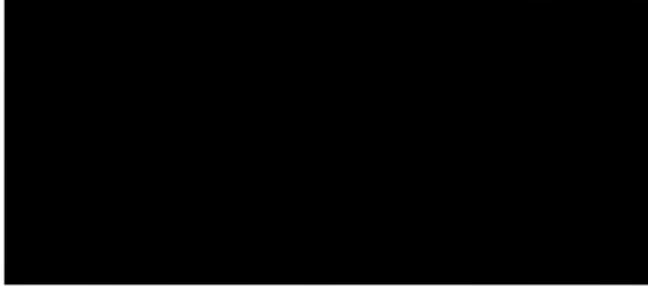
21. Basque Digital Innovation Hub (BDIH)

SPRI Agencia Vasca de Desarrollo Empresarial (Coordinator)

Represented by 

Date:

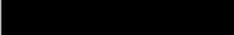
Signature



22. **EDIH Northern and Eastern Bohemia**

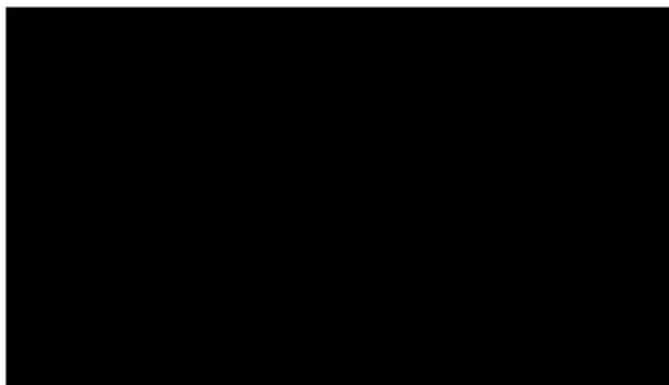
 Associated with document Ref. Ares(2023)3418166 - 16/05/2023

ARR - Agentura regionálního rozvoje, spol. s r.o (Coordinator)

Represented by , CEO of ARR – Agentura regionálního rozvoje, spol. s r.o.

Date: 11.2.2022

Signature



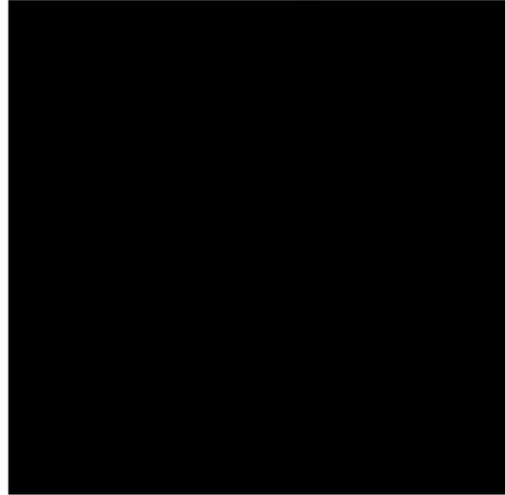
23. DIHGIGAL

Ceaga-Fundación Cluster de la Automoción de Galicia (Coordinator)

Represented by 

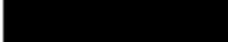
Date: 08/02/2022

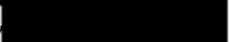
Signature



24. **WalHUB**

AGORIA (Coordinator)

Represented by 

General Manager 

Date: 18/02/2022

Signature:



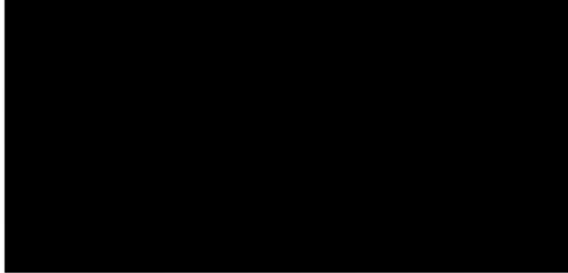
25. Artificial Intelligence EDIH (AI EDIH)

Digital Success Nonprofit Ltd. (Coordinator)

Represented by [REDACTED] CEO of Digital Success Nonprofit Ltd.

Date: 18th February, 2022

Signature:



ANNEX 1 EDIH Manufacturing Network (EDIH4Manu) EU projects and network

EDIH PARTNERS INVOLVED	EU Projects	ROLE	DIGITAL EUROPE SPECIFIC OBJECTIVE	EDIH SERVICE
Hubs4Industry (Krakow Technology Park)	(CEUP) Central Europe Upstreaming for Policy Excellence in Advanced Manufacturing & Industry 4.0 towards 2030	COORDINATOR	S04 - Advanced Digital Skills	ECO - R&I ecosystem management and engagement
Hubs4Industry (Krakow Technology Park)	(SISCOE) Society in Innovation and Science through CODEsign	PARTNER	S04 - Advanced Digital Skills	TBI - Idea generation and management
CIDIHUB (Innovalia)	4p0rt	PARTNER	S05 – Digital Capacities	R&IFUNDS - Matching projects/fund
EDIH Rheinland	5G-SMART GA No. 857008	PARTNER	S05 – Digital Capacities	TBI - Access to technological infrastructure
EDIH LOMBARDIA (AFIL)	ADMANTEX2I (COSME)	PARTNER	S05 – Digital Capacities	ECO - Manufacturing EDIh capacity building
EDIH Ostrava (MSIC)	AgROBOfood	OTHER	S05 – Digital Capacities	TBI - Idea generation and management
EDIH DIH4CAT (Eurecat)	AgRoboFood	PARTNER	S05 – Digital Capacities	TBI - Idea generation and management
CIDIHUB (Innovalia)	AI DIH Network	PARTNER	S02 – Artificial Intelligence	ECO - R&I ecosystem management and engagement
EDIH DIGIHALL (CEA)	AI DIH Network	PARTNER	S02 – Artificial Intelligence	ECO - R&I ecosystem management and engagement
EDIH LOMBARDIA (DIH Lombardia)	AI DIH Network	PARTNER	S02 – Artificial Intelligence	ECO - R&I ecosystem management and engagement
PRODUTECH DIH (PRODUTECH)	AI DIH Network	PARTNER	S02 – Artificial Intelligence	ECO - R&I ecosystem management and engagement
EDIH DIGIHALL (CEA)	AI REGIO	PARTNER	S02 – Artificial Intelligence	ECO - R&I ecosystem management and engagement
EDIH DIH4CAT (Eurecat)	AI REGIO	PARTNER	S02 – Artificial Intelligence	ECO - Manufacturing EDIh capacity building
EDIH LOMBARDIA (AFIL)	AI REGIO	PARTNER	S02 – Artificial Intelligence	ECO - Manufacturing EDIh capacity building
EDIH LOMBARDIA (MADE)	AI REGIO	OTHER	S02 – Artificial Intelligence	ECO - Manufacturing EDIh capacity building
POLYTRONICS (Polymeris)	AI REGIO	PARTNER	S02 – Artificial Intelligence	TBI - Information and awareness raising
PRODUTECH DIH (via Competence Center)	AI REGIO	PARTNER	S02 – Artificial Intelligence	ECO - R&I ecosystem management and engagement
SIX Manufacturing EDIH (TAU)	AI REGIO	PARTNER	S02 – Artificial Intelligence	ECO - R&I ecosystem management and engagement
EDIH CASSOVIVUM	AI4EU	PARTNER	S02 – Artificial Intelligence	ECO - R&I ecosystem management and engagement
EDIH Rheinland	AIDPATH GA No. 101016909	COORDINATOR	S02 – Artificial Intelligence	TBI - R&I project development (PoC, TestBed, prototyping)
POLYTRONICS (Polymeris)	AMULET	PARTNER	S05 – Digital Capacities	R&I FUNDS - Identification of funding opportunities
EDIH Rheinland	AutoCRAT GA No. 874671	PARTNER	S04 - Advanced Digital Skills	TBI - Idea generation and management
PRODUTECH DIH (Competence Center)	BetterFactory	PARTNER	S05 – Digital Capacities	ECO - R&I ecosystem management and engagement
SIX Manufacturing EDIH (VTT)	BetterFactory	COORDINATOR	S05 – Digital Capacities	ECO - R&I ecosystem management and engagement
EDIH DIGIHALL (Systematic)	B-HUB	PARTNER	S05 – Digital Capacities	ECO - Technology matchmaking
CIDIHUB (Innovalia)	Boost4.0	COORDINATOR	S05 – Digital Capacities	TBI - R&I project development (PoC, TestBed, prototyping)
EDIH CASSOVIVUM	BOWI	PARTNER	S05 – Digital Capacities	ECO - Manufacturing EDIh capacity building
EDIH LOMBARDIA (MADE)	BOWI	OTHER	S05 – Digital Capacities	TBI - Idea generation and management
EDIH Rheinland	BOWI	PARTNER	S05 – Digital Capacities	R&IFUNDS - Matching projects/fund
Hubs4Industry (Krakow Technology Park)	BOWI	PARTNER	S05 – Digital Capacities	TBI - R&I project development (PoC, TestBed, prototyping)
PRODUTECH DIH (PRODUTECH and Competence Centers)	BOWI	OTHER	S05 – Digital Capacities	ECO - R&I ecosystem management and engagement
SIX Manufacturing EDIH (VTT)	BOWI	PARTNER	S05 – Digital Capacities	ECO - Manufacturing EDIh capacity building
EDIH LOMBARDIA (AFIL)	CEUP 2030 (Interreg CE)	PARTNER	S04 - Advanced Digital Skills	ECO - Manufacturing EDIh capacity building
PRODUTECH DIH (PRODUTECH and Competence Centers)	Change2twin	OTHER	S05 – Digital Capacities	TBI - Access to technological infrastructure
EDIH Ostrava (VSB-TUO)	CloudiFacturing	PARTNER	S01 – High Performance Computing	TBI - R&I project development (PoC, TestBed, prototyping)

EDIH PARTNERS INVOLVED	EU Projects	ROLE	DIGITAL EUROPE SPECIFIC OBJECTIVE	EDIH SERVICE
BDIH - SPRI – Agencia Vasca de Desarrollo Empresarial, SPRI, Basque Country, Spain	CLUSTERS3	Leader	S05 – Digital Capacities	ECO - R&I ecosystem management and engagement
EDIH DIGIHALL (CEA)	Connected Factories (H2020_CSA)	PARTNER	S05 – Digital Capacities	ECO - Manufacturing EDIh capacity building
DIGITALISATIE VAN DE INDUSTRIE EN INDUSTRIE 4.0	Connected Factories (H2020_CSA)	PARTNER	S05 – Digital Capacities	ECO - Manufacturing EDIh capacity building
SIX Manufacturing EDIH (VTT)	Connected Factories (H2020_CSA)	COORDINATOR	S05 – Digital Capacities	ECO - Manufacturing EDIh capacity building
DIGITALISATIE VAN DE INDUSTRIE EN INDUSTRIE 4.0	COTEMACO (Interreg NEW)	COORDINATOR	S05 – Digital Capacities	R&I FUNDS - Identification of funding opportunities
DIGITALISATIE VAN DE INDUSTRIE EN INDUSTRIE 4.0	COTEMACO (Interreg NEW)	COORDINATOR	S05 – Digital Capacities	R&IFUNDS - Matching projects/fund
DIGITALISATIE VAN DE INDUSTRIE EN INDUSTRIE 4.0	COTEMACO (Interreg NEW)	COORDINATOR	S05 – Digital Capacities	TBI - Access to technological infrastructure
DIGITALISATIE VAN DE INDUSTRIE EN INDUSTRIE 4.0	COTEMACO (Interreg NEW)	COORDINATOR	S05 – Digital Capacities	TBI - R&I project development (PoC, TestBed, prototyping)
EDIH Rheinland	DEMETER	PARTNER	S04 - Advanced Digital Skills	TBI - Idea generation and management
EDIH LOMBARDIA (MADE)	DIGIBreak (DIGITBrain)	COORDINATOR	S05 – Digital Capacities	ECO - R&I ecosystem management and engagement
POLYTRONICS (Polymeris)	DigiPrime	PARTNER	S05 – Digital Capacities	ECO - Technology matchmaking
DIGITALISATIE VAN DE INDUSTRIE EN INDUSTRIE 4.0	Digital Twin EMR (Interreg EMR)	PARTNER	S02 – Artificial Intelligence	TBI - Access to technological infrastructure
CIDIHUB (Innovalia)	DIGITOURISM	PARTNER	S05 – Digital Capacities	ECO - R&I ecosystem management and engagement
CIDIHUB (Innovalia)	DIH_World H020	PARTNER	S05 – Digital Capacities	TBI - R&I project development (PoC, TestBed, prototyping)
EHUB-WG (LMS)	DIH_World H020	PARTNER	S05 – Digital Capacities	TBI - R&I project development (PoC, TestBed, prototyping)
EDIH LOMBARDIA (MADE)	DIH2	OTHER	S05 – Digital Capacities	TBI - R&I project development (PoC, TestBed, prototyping)
PRODUTECH DIH (PRODUTECH)	DIH2	PARTNER	S05 – Digital Capacities	ECO - Technology matchmaking
SIX Manufacturing EDIH (VTT)	DIH2	COORDINATOR	S05 – Digital Capacities	ECO - Technology matchmaking
EDIH DIH4CAT (Eurecat)	DIH2	PARTNER	S05 – Digital Capacities	ECO - Technology matchmaking
EDIH DIGIHALL (CEA)	DIH4AI	PARTNER	S02 – Artificial Intelligence	ECO - Technology matchmaking
CIDIHUB (Innovalia)	DIH4CP5	PARTNER	S05 – Digital Capacities	TBI - R&I project development (PoC, TestBed, prototyping)
PRODUTECH DIH (PRODUTECH and Competence Centers)	DIH4CP5	PARTNER	S05 – Digital Capacities	ECO - Manufacturing EDIh capacity building
DIGITALISATIE VAN DE INDUSTRIE EN INDUSTRIE 4.0	DIHHELP (H2020)	PARTNER	S05 – Digital Capacities	ECO - Manufacturing EDIh capacity building
EDIH DIGIHALL (CEA)	DIH-HERO	PARTNER	S05 – Digital Capacities	ECO - Manufacturing EDIh capacity building
EDIH DIH4CAT (Eurecat)	DIH-HERO	PARTNER	S05 – Digital Capacities	ECO - Manufacturing EDIh capacity building
EDIH LOMBARDIA (DIH Lombardia)	DIH-HERO	PARTNER	S05 – Digital Capacities	ECO - Manufacturing EDIh capacity building
CIDIHUB (Innovalia)	DIH-World	PARTNER	S05 – Digital Capacities	TBI - R&I project development (PoC, TestBed, prototyping)
PRODUTECH DIH (PRODUTECH)	DISRUPTIVE (INTERREG)	PARTNER	S04 - Advanced Digital Skills	ECO - Manufacturing EDIh capacity building
EDIH Rheinland	DynaMITE	PARTNER	S02 – Artificial Intelligence	TBI - R&I project development (PoC, TestBed, prototyping)
EDIH Rheinland	ECOFACIT GA No. 958373	PARTNER	S05 – Digital Capacities	TBI - R&I project development (PoC, TestBed, prototyping)

EDIH PARTNERS INVOLVED	EU Projects	ROLE	DIGITAL EUROPE SPECIFIC OBJECTIVE	EDIH SERVICE
DIGITALISATIE VAN DE INDUSTRIE EN INDUSTRIE 4.0	ECSELERATE (INNOSUP)	PARTNER	S05 – Digital Capacities	TBI - R&I project development (PoC, TestBed, prototyping)
DIGITALISATIE VAN DE INDUSTRIE EN INDUSTRIE 4.0	ECISO Cybersecurity ppp	PARTNER	S03 - Cybersecurity and Trust	ECO - R&I ecosystem management and engagement
EDIH Rheinland	EFPF	PARTNER	S04 - Advanced Digital Skills	TBI - Access to technological infrastructure
EDIH Rheinland	EFPF	PARTNER	S04 - Advanced Digital Skills	TBI - R&I project development (PoC, TestBed, prototyping)
EDIH Rheinland	EJD STIMULATE H2020	PARTNER	S01 – High Performance Computing	TBI - R&I project development (PoC, TestBed, prototyping)
EDIH Rheinland	ENODISE	PARTNER	S04 - Advanced Digital Skills	TBI - R&I project development (PoC, TestBed, prototyping)
BDIH - SPRI – Agencia Vasca de Desarrollo Empresarial, SPRI, Basque Country, Spain	ENTERPRISE EUROPE NETWORK (EEN)	Leader	S05 – Digital Capacities	ECO - Technology matchmaking
EDIH Rheinland	EPIC 2nd stage GA No. 739592	PARTNER	S04 - Advanced Digital Skills	TBI - R&I project development (PoC, TestBed, prototyping)
EHUB-WG (LMS)	ESMERA H2020	PARTNER	S05 – Digital Capacities	TBI - R&I project development (PoC, TestBed, prototyping)
EDIH Rheinland	ESSIAL GA No. 766437	PARTNER	S04 - Advanced Digital Skills	TBI - R&I project development (PoC, TestBed, prototyping)
EDIH Rheinland	EU Master HPC H2020	PARTNER	S04 - Advanced Digital Skills	SKILLS - Training course
EDIH LOMBARDIA EACP (European Aerospace Cluster Platform) - LAC	EU Network	PARTNER	S05 – Digital Capacities	ECO - Manufacturing EDIh capacity building
EDIH LOMBARDIA EACP (European Aerospace Cluster Platform) - LAC	EU Network	PARTNER	S05 – Digital Capacities	ECO - R&I ecosystem management and engagement
EDIH LOMBARDIA EACP (European Aerospace Cluster Platform) - LAC	EU Network	PARTNER	S05 – Digital Capacities	ECO - Tech scouting, trend watching
EDIH LOMBARDIA EACP (European Aerospace Cluster Platform) - LAC	EU Network	PARTNER	S05 – Digital Capacities	ECO - Technology matchmaking
PRODUTECH DIH (PRODUTECH and Competence Centers)	EUHUBS4DATA	Other	S05 – Digital Capacities	ECO - Manufacturing EDIh capacity building
EDIH CASSOVIVUM	EUHUBS4DATA (Cascade Project)	PARTNER	S05 – Digital Capacities	ECO - Manufacturing EDIh capacity building
EDIH DIH4CAT (Eurecat)	EUHUBS4DATA (Cascade Project)	PARTNER	S05 – Digital Capacities	ECO - Manufacturing EDIh capacity building
BDIH - SPRI – Agencia Vasca de Desarrollo Empresarial, SPRI, Basque Country, Spain	EURBEST	Partner	S05 – Digital Capacities	ECO - Manufacturing EDIh capacity building
CIDIHUB (Innovalia)	EUREKA	PARTNER	S05 – Digital Capacities	ECO - R&I ecosystem management and engagement
EDIH LOMBARDIA (AFIL)	EUREKA	PARTNER	S05 – Digital Capacities	ECO - R&I ecosystem management and engagement
EDIH Ostrava (VSB-TUO)	EuroCC	PARTNER	S01 – High Performance Computing	TBI - R&I project development (PoC, TestBed, prototyping)
EDIH DIGIHALL (Teratec)	EuroCC network and CASTIEL	PARTNER	S03 - Cybersecurity and Trust	ECO - R&I ecosystem management and engagement
EDIH Rheinland	EVPRO GA No. 814495	COORDINATOR	S04 - Advanced Digital Skills	TBI - R&I project development (PoC, TestBed, prototyping)
EDIH Rheinland	EXCELLERA	PARTNER	S01 – High Performance Computing	ECO - R&I ecosystem management and engagement
DIGITALISATIE VAN DE INDUSTRIE EN INDUSTRIE 4.0	FACTIMA (H2020)	PARTNER	S03 - Cybersecurity and Trust	TBI - Access to technological infrastructure
CIDIHUB (Innovalia)	Fiihub	PARTNER	S05 – Digital Capacities	ECO - R&I ecosystem management and engagement

EDIH PARTNERS INVOLVED	EU Projects	ROLE	DIGITAL EUROPE SPECIFIC OBJECTIVE	EDIH SERVICE
EDIH Rheinland	HELIAUS (Ecsel) GA No. 826131	PARTNER	S02 – Artificial Intelligence	TBI - R&I project development (PoC, TestBed, prototyping)
EDIH Rheinland	HiPEAC 6	PARTNER	S04 - Advanced Digital Skills	TBI - Information and awareness raising
EDIH Rheinland	HiPEAC 7	PARTNER	S04 - Advanced Digital Skills	TBI - Information and awareness raising
DIGITALISATIE VAN DE INDUSTRIE EN INDUSTRIE 4.0	I4.0	PARTNER	S04 - Advanced Digital Skills	SKILLS - Training course
PRODUTECH DIH (PRODUTECH and Competence Centers)	i4TRUST	Other	S03 - Cybersecurity and Trust	ECO - Technology matchmaking
EDIH Rheinland	INEDIT	PARTNER	S05 – Digital Capacities	TBI - Idea generation and management
Hubs4Industry (Krakow Technology Park)	Interreg 3DCentral	PARTNER	S05 – Digital Capacities	ECO - R&I ecosystem management and engagement
EDIH Rheinland	INVENTOR	PARTNER	S04 - Advanced Digital Skills	TBI - R&I project development (PoC, TestBed, prototyping)
EDIH Rheinland	iP4MOVE	PARTNER	S05 – Digital Capacities	TBI - R&I project development (PoC, TestBed, prototyping)
EDIH Rheinland	iProduce	PARTNER	S04 - Advanced Digital Skills	TBI - Idea generation and management
EDIH Rheinland	iProduce	PARTNER	S04 - Advanced Digital Skills	TBI - R&I project development (PoC, TestBed, prototyping)
EDIH Rheinland	JOINTPROMISE GA No. 874837	PARTNER	S04 - Advanced Digital Skills	TBI - R&I project development (PoC, TestBed, prototyping)
EDIH Rheinland	KIC RM Circular-TP GA No. 18064	PARTNER	S04 - Advanced Digital Skills	TBI - R&I project development (PoC, TestBed, prototyping)
EDIH Rheinland	Knowledge	PARTNER	S04 - Advanced Digital Skills	TBI - Idea generation and management
EDIH Rheinland	Knowledge	PARTNER	S02 – Artificial Intelligence	TBI - R&I project development (PoC, TestBed, prototyping)
Hubs4Industry (Krakow Technology Park)	KPT ScaleUp	COORDINATOR	S05 – Digital Capacities	TBI - R&I project development (PoC, TestBed, prototyping)
SIX Manufacturing EDIH (VTT)	L4MS	COORDINATOR	S05 – Digital Capacities	TBI - R&I project development (PoC, TestBed, prototyping)
EDIH Rheinland	LaVA	PARTNER	S02 – Artificial Intelligence	TBI - R&I project development (PoC, TestBed, prototyping)
BDIH - SPRI – Agencia Vasca de Desarrollo Empresarial, SPRI, Basque Country, Spain	MITKE	Partner	S05 – Digital Capacities	ECO - R&I ecosystem management and engagement
EDIH Rheinland	NanoWinTur	PARTNER	S04 - Advanced Digital Skills	TBI - R&I project development (PoC, TestBed, prototyping)
DIGITALISATIE VAN DE INDUSTRIE EN INDUSTRIE 4.0	PhotonHub Europe (H2020)	PARTNER	S05 – Digital Capacities	ECO - Manufacturing EDIh capacity building
DIGITALISATIE VAN DE INDUSTRIE EN INDUSTRIE 4.0	PhotonHub Europe (H2020)	PARTNER	S05 – Digital Capacities	R&IFUNDS - Matching projects/fund
DIGITALISATIE VAN DE INDUSTRIE EN INDUSTRIE 4.0	PhotonHub Europe (H2020)	PARTNER	S05 – Digital Capacities	TBI - Access to technological infrastructure
EDIH LOMBARDIA (AFIL)	PIMAP + (COSME)	PARTNER	S05 – Digital Capacities	ECO - Manufacturing EDIh capacity building
EDIH Rheinland	POP, POP2	PARTNER	S01 – High Performance Computing	TBI - R&I project development (PoC, TestBed, prototyping)
EDIH LOMBARDIA (MADE)	POWERLIFT (EI Manufacturing)	COORDINATOR	S05 – Digital Capacities	ECO - Manufacturing EDIh capacity building
CIDIHUB (Innovalia)	ProtoAtlantic	COORDINATOR	S05 – Digital Capacities	TBI - Access to technological infrastructure
EDIH DIGIHALL (CEA)	PULSATE	PARTNER	S04 - Advanced Digital Skills	ECO - R&I ecosystem management and engagement
EDIH DIGIHALL (CEA)	PULSATE	PARTNER	S04 - Advanced Digital Skills	R&IFUNDS - Matching projects/fund
EDIH DIGIHALL (CEA)	PULSATE	PARTNER	S04 - Advanced Digital Skills	SKILLS - Training course
EDIH DIGIHALL (CEA)	PULSATE	PARTNER	S04 - Advanced Digital Skills	TBI - Information and awareness raising
EDIH LOMBARDIA (MADE)	RAINBot (DIHWorld)	COORDINATOR	S05 – Digital Capacities	TBI - R&I project development (PoC, TestBed, prototyping)

EDIH PARTNERS INVOLVED	EU Projects	ROLE	DIGITAL EUROPE SPECIFIC OBJECTIVE	EDIH SERVICE
EDIH Rheinland	RAISE	PARTNER	S05 – Digital Capacities	ECO - Manufacturing EDIh capacity building
EDIH DIGIHALL (CEA)	REACH	PARTNER	S05 – Digital Capacities	TBI - R&I project development (PoC, TestBed, prototyping)
EDIH DIGIHALL (CEA)	RIMA H2020	COORDINATOR	S04 - Advanced Digital Skills	TBI - Access to technological infrastructure
EDIH CASSOVIVUM	RIMA H2020	PARTNER	S04 - Advanced Digital Skills	TBI - Access to technological infrastructure
EHUB-WG (LMS)	RIMA H2020	PARTNER	S04 - Advanced Digital Skills	TBI - Access to technological infrastructure
SIX Manufacturing EDIH (VTT)	RIMA H2020	PARTNER	S04 - Advanced Digital Skills	TBI - Access to technological infrastructure
SIX Manufacturing EDIH (VTT)	Robot Union	OTHER	S05 – Digital Capacities	TBI - R&I project development (PoC, TestBed, prototyping)
BDIH - SPRI – Agencia Vasca de Desarrollo Empresarial, SPRI, Basque Country, Spain	S34Growth	Partner	S05 – Digital Capacities	ECO - Manufacturing EDIh capacity building
Hubs4Industry (Krakow Technology Park)	S3HubsinCE	PARTNER	S05 – Digital Capacities	ECO - R&I ecosystem management and engagement
PRODUTECH DIH (PRODUTECH)	ScoDIHNet	PARTNER	S05 – Digital Capacities	TBI - R&I project development (PoC, TestBed, prototyping)
DIGITALISATIE VAN DE INDUSTRIE EN INDUSTRIE 4.0	SENER	PARTNER	S03 - Cybersecurity and Trust	ECO - Manufacturing EDIh capacity building
EDIH Ostrava (VSB-TUO)	SESAME NET	PARTNER	S01 – High Performance Computing	ECO - Manufacturing EDIh capacity building
EDIH DIH4CAT (Eurecat)	SMARTEES and SMARTEES 2	PARTNER	S05 – Digital Capacities	TBI - R&I project development (PoC, TestBed, prototyping)
DIGITALISATIE VAN DE INDUSTRIE EN INDUSTRIE 4.0	SMARTY (Interreg Europe)	PARTNER	S05 – Digital Capacities	ECO - Tech scouting, trend watching
EDIH DIGIHALL (CEA)	SPARTA	COORDINATOR	S03 - Cybersecurity and Trust	ECO - R&I ecosystem management and engagement
EDIH LOMBARDIA (MADE)	STEP (DIH4CPS)	COORDINATOR	S05 – Digital Capacities	ECO - R&I ecosystem management and engagement
BDIH - SPRI – Agencia Vasca de Desarrollo Empresarial, SPRI, Basque Country, Spain	SUSTEEN	Partner	S05 – Digital Capacities	ECO - R&I ecosystem management and engagement
EDIH Rheinland	TechRad	PARTNER	S02 – Artificial Intelligence	ECO - Tech scouting, trend watching
EDIH Ostrava (VSB-TUO)	Tetramax	PARTNER	S03 - Cybersecurity and Trust	TBI - R&I project development (PoC, TestBed, prototyping)
EDIH Rheinland	TETRAMAX	COORDINATOR	S05 – Digital Capacities	R&IFUNDS - Matching projects/fund
EDIH Rheinland	TOPGEAR	PARTNER	S04 - Advanced Digital Skills	TBI - R&I project development (PoC, TestBed, prototyping)
BDIH - SPRI – Agencia Vasca de Desarrollo Empresarial, SPRI, Basque Country, Spain	TR35	Partner	S05 – Digital Capacities	ECO - Tech scouting, trend watching
DIGITALISATIE VAN DE INDUSTRIE EN INDUSTRIE 4.0	TRAIN4SMART_SERVICES (Interreg VL_NL)	PARTNER	S04 - Advanced Digital Skills	SKILLS - Training course
EHUB-WG (LMS)	TRINITY H2020	PARTNER	S04 - Advanced Digital Skills	ECO - R&I ecosystem management and engagement
SIX Manufacturing EDIH (Centria)	TRINITY H2020	PARTNER	S04 - Advanced Digital Skills	ECO - R&I ecosystem management and engagement
SIX Manufacturing EDIH (TAU)	TRINITY H2020	COORDINATOR	S04 - Advanced Digital Skills	ECO - R&I ecosystem management and engagement
EDIH Rheinland	WeAreSecurIT	PARTNER	S03 - Cybersecurity and Trust	TBI - R&I project development (PoC, TestBed, prototyping)
EDIH Rheinland	WeAreSecurIT	PARTNER	S03 - Cybersecurity and Trust	TBI - R&I project development (PoC, TestBed, prototyping)
EDIH Rheinland	xCTing	PARTNER	S05 – Digital Capacities	ECO - R&I ecosystem management and engagement

CALL FOR PROPOSAL DIGITAL – 2021-EDIH-INITIAL-01
Initial Network of European Digital Innovation Hubs

EXPRESSION OF INTEREST EDIH Manufacturing Network (EDIH4Manu)

Attn. EDIH Manufacturing Network (EDIH4Manu) members

On behalf of the World Manufacturing Foundation, I would like to express my interest in supporting EDIH Manufacturing Network (EDIH4Manu). The mission of EDIH4Manu is fully aligned with the Strategic and Action Plan of the Foundation, spreading industrial culture in the most competitive EU manufacturing regions through the green and digital transition, thus supporting societal prosperity and resilience of Europe.

We would gladly support EDIH4Manu implementation, in particular fostering capacity building and networking activities between EDIH4Manu members, the future European EDIHs network, and the World Manufacturing Foundation ecosystem. We are available to be involved in one or more of the following activities (timing and conditions will be confirmed in advance with the EDIH4Manu members).

- Capacity building activities, hosting an annual meeting of EDIH4Manu within the World Manufacturing Forum;
- Networking with World Manufacturing Foundation partners, regional stakeholders, and interregional networks and the future subnetworks of EDIH4Manu;
- Dissemination and communication initiatives feeding EDIH4Manu citizens and stakeholders engagement process;
- Fostering alignment of EDIH4Manu implementation with WMF strategic and action plan towards digital transition for manufacturing.

We understand that this letter of support is non-binding and simply demonstrates recognition of the importance and support for the project initiative.

We also understand that this does not imply a financial contribution and that we may not have access to confidential consortium documents such as internal meeting reports.

We hope for a positive evaluation of EDIH4Manu members' proposal and look forward to collaborating with you.



Milan, 17th February 2022



Cooperation Agreement

between

Smart Systems Hub GmbH, Antonstraße 25, 01097 Dresden, represented by Managing Director

- hereinafter referred as *Smart Systems Hub* –

and

ARR - Agentura regionálního rozvoje, spol s.r.o., U Jezu 525/4, 460 01 Liberec, Czechia, represented by Executive Director

- hereinafter referred as *ARR* –

collectively referred to as „Parties“.

PREAMBLE

As part of a Germany-wide excellence initiative of the BMWK (de:hub), the Smart Systems Hub networks highly innovative technologies in the field of the Internet of Things (IoT) with users from medium-sized businesses, industry and science. In the thematic focus areas of hardware, software, connectivity and system integration for IoT solutions, the Smart Systems Hub provides a range of demand-oriented offerings, including co-innovation formats, digitization consulting and focus events. The Smart Systems Hub also focuses on the horizontal, cross-silo and interdisciplinary networking and cooperation of players from industry and research in order to rapidly advance innovations and new business models in this forward-looking environment.

For its part ARR is the Regional Development agency for the Liberec Region. It was established in 1993 and is owned 100% by the Liberec Region. It was founded with the aim of providing technical assistance and subject matter expertise for the preparation and implementation of development projects of the towns and municipalities in the Nisa Euroregion.

ARR has 4 Sections - Regional Development, [Lipo.ink](#), [Crystal Valley](#) and [Smart Accelerator](#) - each focus on the benefit of the region, its inhabitants, economic entities and institutions.

Further ARR is a founding member of the [Czech Digital Innovation Hub consortium Northeast](#) (DIHNEB). DIHNEB provides advanced expert services to small and medium-sized enterprises, start-ups and other organizations - in order to dynamize their digital transformation. At the same time, it draws on excellent, and often technologically one-of-a-kind, research and development specializations of companies and research organizations, especially from the regional territories of Liberec and Hradec Králové. DIHNEB seeks membership of the European network of digital innovation hubs..

Most relevant for the cooperation with Smart Systems Hub are the following 2 Sections:

Lipo.ink is a publicly funded business incubator and innovation center that has focused its activities on supporting the creation, development and scaling of innovative companies in the Liberec Region. Its clients include multiple companies with soft- and hardware solutions for IoT applications.



Smart Accelerator is a powerful unit for the implementation of the RIS3 strategy within the region. The aim of the Smart Accelerator is to support innovation, research and development in the region, to bring stimuli and experience from other regions or countries, to connect interesting people and ideas.

§1 OBJECT OF THE COOPERATION

With the conclusion of this agreement, the parties intend to enter into a long-term cooperation and support each other in their undertakings. This means primarily the provision of resources, the designation of permanent contact persons, support in communication activities, a cooperation within the framework of events as well as the regular exchange about the respective and possibly common strategic goals.

§2 STRUCTURE OF THE COOPERATION

The parties provide the services as independent companies. There is expressly no labour law relationship between the parties. The parties, their owners and employees are not entitled to act for or on behalf of the other party.

All intellectual property rights (such as copyrights or trademark rights) to the products distributed by the partner shall remain in full with the copyright company. The use of trademarks, logos, etc. by the partners is expressly within the scope of the services defined in §4. Any further use requires the explicit, prior consent of the partner.

§3 DUTIES AND OBLIGATIONS

(1) The parties agree to support each other's work in a special way and to use their best efforts to ensure that each partner achieves or consolidates a respected position in the market as quickly as possible.

(2) The support shall be provided by the Partners through the use of the respective specialization to achieve the objectives of each partner.

§4 SERVICES

(1) The support services of the Smart Systems Hub include the following in detail:

- Possibility of presentation of the cooperation partner on at least one selected Meetup
- Simple branding (integration of the logo in the partner area as well as setting up a dedicated page with a brief description of the company on the Smart Systems Hub website)
- Provision of information on external relevant events and networking with event participants and potential partners
- Provision of resources (materials, text modules, footers, etc.) for the promotion of cooperation with the Smart Systems Hub

Optionally, the partner can make use of the following cooperation services of the Smart Systems Hub:

- Participation in selected formats and events.
- Use of the Startup Card/Partner Card of the de:hub initiative.



- Free thematic and/or topical articles in the monthly newsletter of the Smart Systems Hub.

(2) The support services of ARR include the following:

- Designation of [REDACTED] as contact person for general topics as well as [REDACTED] Marketing Manager, [REDACTED] for marketing related activities
- For the reference on the Smart Systems Hub website:
 1. Company Logo (svg., png. in high resolution of at least 500 pixels)
 2. Provision of a description of the product/service module for classification in the enabling IoT environment and potential concrete use cases (see preamble)
 3. Statement/quote related to the collaboration with the Smart Systems Hub, Common success stories
 4. Content the partner would like to share: IoT projects, whitepaper, events, etc.
- Optional: promotion of the partnership or participation in selected formats by embedding the logo on the website, in the e-mail footer, etc.
- Optional: Provision of resources (e.g. premises, technology components and/or experts and/or coaches) to support the formats of the Smart Systems Hub in the best possible way.
- Participation in an annual strategy meeting for mutual exchange

§5 COSTS OF THE PARTIES

The parties agree that all costs incurred or already incurred by the partners within the framework of the cooperation shall be borne in principle by the partner from whom they arose until further notice.

§6 EXTENSION OF THE COOPERATION AGREEMENT

This cooperation agreement shall contain all agreements concluded between the Parties. It may only be amended or supplemented by mutual agreement in the form of a written amendment signed by the Parties.

§7 COME INTO FORCE AND TERMINATION

This Agreement shall enter into force on the date of signature and shall be of unlimited duration. It may be terminated by giving 3 months' notice. The right to extraordinary termination for good cause remains unaffected.

§8 APPLICABLE LAW AND JURISDICTION

This agreement shall be governed by German law. Place of jurisdiction is Dresden.

§9 FINAL CLAUSE

(1) Should one of the above provisions be legally invalid, this shall not affect the validity of this agreement. In such a case, the parties shall be obliged to replace the invalid provision with a provision that comes as close as possible to the economic purpose of the invalid provision.



(2) Amendments or supplements to this cooperation agreement, including any attachments, must be made in writing; this also applies to the elimination of the written form requirement itself.

(3) Both parties shall maintain secrecy regarding details, scope and conditions of this agreement.

Dresden, 15.09.2022



OWNERSHIP CONTROL DECLARATION

(To be filled in by the project participants as part of the application. All declarations must be assembled by the coordinator and uploaded in a single file in the Portal Submission System.

All participants (beneficiaries, affiliated entities, subcontractors and associated partners) must fill out the form. Entities that are validated as public bodies by the Central Validation Service do not have to fill in the form but will automatically be considered as controlled by their country.

Supporting documents do not have to be provided at application stage, but will be requested later on. You will receive a task notification asking you to upload the documents to your PIC account in the Portal Participant Register .

 The supporting documents should reflect the situation at the moment you sign this declaration. Please be aware that additional evidence may also be requested later on, in case there are open questions about your ownership/control status.

 Please note that the information in this declaration may be reused in case you apply to other EU calls that have ownership/control restrictions.)

DECLARATION ON OWNERSHIP AND CONTROL	
Participant	
Legal name:	Národní klášterní asociace
PIC:	939904490
Legal registration number:	26573776
Place of establishment: (country of registration; full address)	Czech Republic, Studentska 6202/17, 708 00, Ostrava-Poruba
Headquarters	
Location of global headquarters/head office: (full address)	Czech Republic, Studentska 6202/17, 708 00, Ostrava-Poruba
Location of the executive management structure: (if different from the location of global headquarters/head office; full address) <i>'Executive management structure' means a body appointed in accordance with national law, and, where applicable, reporting to the chief executive officer, which is empowered to establish the strategy, objectives and overall direction, and who oversees and monitors management decision-making.</i>	Czech Republic, Studentska 6202/17, 708 00, Ostrava-Poruba
Listed, subsidiary or controlled	
Supporting documents: report/minutes of the last three shareholders meetings, for each of the listed companies.	
Are you listed on a stock exchange?	No
Are you a subsidiary of a listed company?	No
Are you controlled by a listed company?	No
If the reply is YES to any of these three questions, please provide:	
Which stock exchange?	Not relevant
Legal name of the listed company:	Not relevant
Share of the float in the total outstanding shares: <i>'Floating stock' is the result of subtracting closely-held shares from the total number of issued shares. It represents the</i>	Not relevant

portion available for unrestricted trade on a regulated stock market.

Ownership structure and specific rights

In the table below, detail any owners that:

- detain, directly or indirectly, at least 5% in the capital or at least 5% of the voting rights, including through any content, understanding, relationship^[1] or/and intermediary
- have one or more of the following specific rights in relation to their ownership:
 - right to veto a transfer of shares
 - pre-emption rights
 - right to purchase additional shares or investment subject to conditions
 - right to sell shares (only for owners that are not established in eligible countries (i.e. legal entity) or do not have the nationality of one of the eligible countries (i.e. individual) and holding more than 5% of the voting rights).

Supporting documents:

- commercial registry extracts, shareholders book or a declaration signed by the legal representative of the organisation and any other relevant document containing clear mention of the shareholders and their percentage of interest/voting rights.
- shareholders' agreement, memorandum of understanding among shareholders, statutes, articles of association or other relevant documents regarding the decision-making procedures within the legal entity, investment agreements between the shareholders, etc.
- If there are legal persons as shareholders^[2], please provide also a graph describing the different ownership layers/chain of control until the ultimate owners.

 The supporting documents must show the complete ownership structure, for the entity and all its layers of ownership, up to the ultimate owners and should reflect the situation at the moment you sign this declaration.

^[1] This includes voting agreements between shareholders that would together have more than 5% of the voting rights or 5% of the capital.

^[2] Detaining at least 5% in the capital or at least 5% of the voting rights.

Owner name	Country of establishment/ or nationality	How is the ownership/control held		Specific rights attached to shares
		by share [%]	by voting right [%]	
None				

Corporate governance

Describe briefly:

- the decision-making bodies, their composition as well as their nationality or place of establishment (where applicable);
- the rules regarding election, appointment, nomination or tenure of members of the decision-making bodies or other management positions;
- the decision-making procedures, including information regarding the required majority and/or quorum needed for decisions.

Supporting documents: Documents establishing/describing the decision-making bodies, rules regarding election, appointment, nomination or tenure, decision-making procedures within the legal entity (e.g. articles of association bylaws, reports on corporate governance, etc).

You can refer to specific sections of your supporting documents.

 The same documents and information should be provided for each intermediate legal entity holding directly or indirectly 5% or more of the capital or voting rights, up to the ultimate owners of all the layers involved.

The highest body of the NCA is the General Assembly.

The Board of Directors is the statutory body. The Board of Directors is headed by the President.

The President acts externally on behalf of the Board of Directors. One of the Vice-Presidents or one of the members of the Board of Directors acts on behalf of the Board of Directors on the authority of the President.

Control

Commercial links conferring control

List individuals or legal entities with whom you (or your owners, including intermediate layers until the ultimate owners) have a commercial relationship that (1) leads to a similar level of control on management and resources as the ownership of shares or assets and (2) is of very long duration (e.g. very important long-term supply agreements or credits provided by suppliers/customers, coupled with structural links).

Supporting documents: cooperation agreements with the customer or supplier, etc.

Name	Country of establishment/ or nationality	Commercial link type (Supplier, customer, etc...)	Indicative amount
Not relevant			

Financial links conferring control

List individuals or legal entities (including controlling shareholders/owners) from whom you (or your owners) are financially dependent in a way that could allow them to obtain concessions in strategic business areas.

Supporting documents: loan documents, by-laws, documents showing the link; etc.

Name	Country of establishment/ or nationality	Financial link type	Indicative amount
Not relevant			

Other sources of control

Indicate if there is any other mean, process or link ultimately conferring control to another country entity (similar level of control on management and resources as the ownership of shares or assets and of long duration).

Supporting documents: documents showing the control

DECLARATION (control)

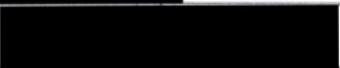
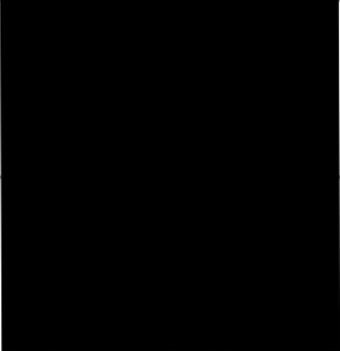
We hereby confirm that:

- 1) our organisation is **subject to control** by an ineligible country or ineligible country entity
- 2) the present declaration is true and sincere
- 3) the information regarding ownership and control is accurate and reliable
- 4) if needed, we will provide guarantees to prove compliance with the requirements set out in the call conditions.

DECLARATION (no control)

We hereby confirm that:

- 1) our organisation is **NOT subject to control** by an ineligible country or ineligible country entity

2) the present declaration is true and sincere 3) the information regarding ownership and control is accurate and reliable 4) to the best of our knowledge, there are no other arrangements or coordination between shareholders from ineligible countries that would together exercise control 5) to the best of our knowledge, there are no other financial or commercial links with ineligible countries or ineligible county entities conferring control 6) we are aware that false declarations may lead to proposal rejection/grant termination and to administrative sanctions under Articles 135 to 145 of the EU Financial Regulation 2018/1046 .	
<input checked="" type="checkbox"/>	DECLARATION (no change)
We hereby confirm that:	
1) there has been no change in our organisation's ownership and control situation compared to the last declaration/assessment procedure by the EU services 2) the present declaration is true and sincere 3) if needed, we will provide guarantees to prove compliance with the requirements set out in the call conditions.	
Last declaration/assessment:	03/2022
Project name and acronym:	Eurocluster Rural Tourism - EU Rural Tourism
SIGNATURE OF THE AUTHORISED PERSON	
Name and function:	
Date of signature:	27. 10. 2022 
Signature and stamp:	

OWNERSHIP CONTROL DECLARATION

(To be filled in by the project participants as part of the application. All declarations must be assembled by the coordinator and uploaded in a single file in the Portal Submission System.

All participants (beneficiaries, affiliated entities, subcontractors and associated partners) must fill out the form. Entities that are validated as public bodies by the Central Validation Service do not have to fill in the form but will automatically be considered as controlled by their country.

Supporting documents do not have to be provided at application stage, but will be requested later on. You will receive a task notification asking you to upload the documents to your PIC account in the Portal Participant Register .

⚠️ *The supporting documents should reflect the situation at the moment you sign this declaration. Please be aware that additional evidence may also be requested later on, in case there are open questions about your ownership/control status.*

⚠️ *Please note that the information in this declaration may be reused in case you apply to other EU calls that have ownership/control restrictions.)*

DECLARATION ON OWNERSHIP AND CONTROL	
Participant	
Legal name:	ARR – Agentura regionálního rozvoje, spol. s r.o.
PIC:	999813145
Legal registration number:	48267210
Place of establishment: <i>(country of registration; full address)</i>	Czech Republic, U Jezu 525/4, 46001 Liberec IV - Perštýn
Headquarters	
Location of global headquarters/head office: <i>(full address)</i>	Czech Republic, U Jezu 525/4, 46001 Liberec IV - Perštýn
Location of the executive management structure: <i>(if different from the location of global headquarters/head office; full address)</i>	Czech Republic, U Jezu 525/4, 46001 Liberec IV - Perštýn
<small><i>'Executive management structure' means a body appointed in accordance with national law, and, where applicable, reporting to the chief executive officer, which is empowered to establish the strategy, objectives and overall direction, and who oversees and monitors management decision-making.</i></small>	
Listed, subsidiary or controlled	
<i>Supporting documents: report/minutes of the last three shareholders meetings, for each of the listed companies.</i>	
Are you listed on a stock exchange?	No
Are you a subsidiary of a listed company?	No
Are you controlled by a listed company?	No
<i>If the reply is YES to any of these three questions, please provide:</i>	
Which stock exchange?	Not relevant
Legal name of the listed company:	Not relevant
Share of the float in the total outstanding shares:	Not relevant
<small><i>'Floating stock' is the result of subtracting closely-held shares from the total number of issued shares. It represents the</i></small>	

portion available for unrestricted trade on a regulated stock market.

Ownership structure and specific rights

In the table below, detail any owners that:

- detain, directly or indirectly, at least 5% in the capital or at least 5% of the voting rights, including through any content, understanding, relationship^[1] or/and intermediary
- have one or more of the following specific rights in relation to their ownership:
 - right to veto a transfer of shares
 - pre-emption rights
 - right to purchase additional shares or investment subject to conditions
 - right to sell shares (only for owners that are not established in eligible countries (i.e. legal entity) or do not have the nationality of one of the eligible countries (i.e. individual) and holding more than 5% of the voting rights).

Supporting documents:

- commercial registry extracts, shareholders book or a declaration signed by the legal representative of the organisation and any other relevant document containing clear mention of the shareholders and their percentage of interest/voting rights.
- shareholders' agreement, memorandum of understanding among shareholders, statutes, articles of association or other relevant documents regarding the decision-making procedures within the legal entity, investment agreements between the shareholders, etc.
- If there are legal persons as shareholders^[2], please provide also a graph describing the different ownership layers/chain of control until the ultimate owners.

 The supporting documents must show the complete ownership structure, for the entity and all its layers of ownership, up to the ultimate owners and should reflect the situation at the moment you sign this declaration.

^[1] This includes voting agreements between shareholders that would together have more than 5% of the voting rights or 5% of the capital.

^[2] Detaining at least 5% in the capital or at least 5% of the voting rights.

Owner name	Country of establishment/ or nationality	How is the ownership/control held		Specific rights attached to shares
		by share [%]	by voting right [%]	
Liberecký kraj (the Liberec region/authority), registered No: 708 91 508	Czech Republic	100% (ARR owned by the Liberec region/authority in 100%).		

Corporate governance

Describe briefly:

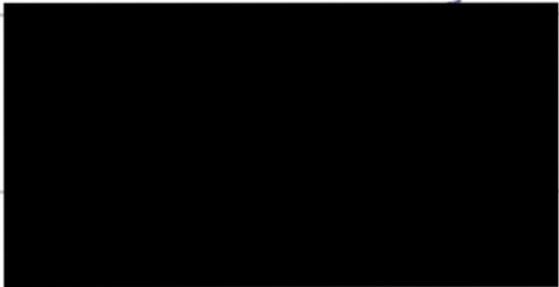
- the decision-making bodies, their composition as well as their nationality or place of establishment (where applicable);
- the rules regarding election, appointment, nomination or tenure of members of the decision-making bodies or other management positions;
- the decision-making procedures, including information regarding the required majority and/or quorum needed for decisions.

Supporting documents: Documents establishing/describing the decision-making bodies, rules regarding election, appointment, nomination or tenure, decision-making procedures within the legal entity (e.g. articles of association bylaws, reports on corporate governance, etc).

You can refer to specific sections of your supporting documents.

 The same documents and information should be provided for each intermediate legal entity holding directly or indirectly 5% or more of the capital or voting rights, up to the ultimate owners of all the layers involved.

Insert text			
Control			
Commercial links conferring control			
<p>List individuals or legal entities with whom you (or your owners, including intermediate layers until the ultimate owners) have a commercial relationship that (1) leads to a similar level of control on management and resources as the ownership of shares or assets and (2) is of very long duration (e.g. very important long-term supply agreements or credits provided by suppliers/customers, coupled with structural links).</p> <p>Supporting documents: cooperation agreements with the customer or supplier, etc.</p>			
Name	Country of establishment/ or nationality	Commercial link type <i>(Supplier, customer, etc...)</i>	Indicative amount
Not relevant			
Financial links conferring control			
<p>List individuals or legal entities (including controlling shareholders/owners) from whom you (or your owners) are financially dependent in a way that could allow them to obtain concessions in strategic business areas.</p> <p>Supporting documents: loan documents, by-laws, documents showing the link; etc.</p>			
Name	Country of establishment/ or nationality	Financial link type	Indicative amount
Not relevant			
Other sources of control			
<p>Indicate if there is any other mean, process or link ultimately conferring control to another country entity (similar level of control on management and resources as the ownership of shares or assets and of long duration).</p> <p>Supporting documents: documents showing the control</p>			
Insert text			
<input type="checkbox"/>	DECLARATION (control)		
We hereby confirm that:			
<ol style="list-style-type: none"> 1) our organisation is subject to control by an ineligible country or ineligible country entity 2) the present declaration is true and sincere 3) the information regarding ownership and control is accurate and reliable 4) if needed, we will provide guarantees to prove compliance with the requirements set out in the call conditions. 			
<input checked="" type="checkbox"/>	DECLARATION (no control)		
We hereby confirm that:			
<ol style="list-style-type: none"> 1) our organisation is NOT subject to control by an ineligible country or ineligible country entity 2) the present declaration is true and sincere 			

3) the information regarding ownership and control is accurate and reliable	
4) to the best of our knowledge, there are no other arrangements or coordination between shareholders from ineligible countries that would together exercise control	
5) to the best of our knowledge, there are no other financial or commercial links with ineligible countries or ineligible county entities conferring control	
6) we are aware that false declarations may lead to proposal rejection/grant termination and to administrative sanctions under Articles 135 to 145 of the EU Financial Regulation 2018/1046 .	
<input checked="" type="checkbox"/>	DECLARATION (no change)
We hereby confirm that:	
1) there has been no change in our organisation's ownership and control situation compared to the last declaration/assessment procedure by the EU services	
2) the present declaration is true and sincere	
3) if needed, we will provide guarantees to prove compliance with the requirements set out in the call conditions.	
Last declaration/assessment:	11.2.2022
Project name and acronym:	EDIH Northern and Eastern Bohemia — EDIH NEB
SIGNATURE OF THE AUTHORISED PERSON	
Name and function:	 , managing director
Date of signature:	4.11.2022
Signature and stamp:	

OWNERSHIP CONTROL DECLARATION

(To be filled in by the project participants as part of the application. All declarations must be assembled by the coordinator and uploaded in a single file in the Portal Submission System.

All participants (beneficiaries, affiliated entities, subcontractors and associated partners) must fill out the form. Entities that are validated as public bodies by the Central Validation Service do not have to fill in the form but will automatically be considered as controlled by their country.

Supporting documents do not have to be provided at application stage, but will be requested later on. You will receive a task notification asking you to upload the documents to your PIC account in the Portal Participant Register .

 *The supporting documents should reflect the situation at the moment you sign this declaration. Please be aware that additional evidence may also be requested later on, in case there are open questions about your ownership/control status.*

 *Please note that the information in this declaration may be reused in case you apply to other EU calls that have ownership/control restrictions.)*

DECLARATION ON OWNERSHIP AND CONTROL	
Participant	
Legal name:	VÚTS, a.s.
PIC:	998726551
Legal registration number:	46709002
Place of establishment: <i>(country of registration; full address)</i>	Czech Republic, Svárovská 619, Liberec XI – Růžodol, 460 01 Liberec
Headquarters	
Location of global headquarters/head office: <i>(full address)</i>	Czech Republic, Svárovská 619, Liberec XI – Růžodol, 460 01 Liberec
Location of the executive management structure: <i>(if different from the location of global headquarters/head office, full address)</i>	Czech Republic, Svárovská 619, Liberec XI – Růžodol, 460 01 Liberec
<i>'Executive management structure' means a body appointed in accordance with national law, and, where applicable, reporting to the chief executive officer, which is empowered to establish the strategy, objectives and overall direction, and who oversees and monitors management decision-making.</i>	
Listed, subsidiary or controlled	
<i>Supporting documents: report/minutes of the last three shareholders meetings, for each of the listed companies.</i>	
Are you listed on a stock exchange?	Yes/No
Are you a subsidiary of a listed company?	Yes/No
Are you controlled by a listed company?	Yes/No
<i>If the reply is YES to any of these three questions, please provide:</i>	
Which stock exchange?	Not relevant
Legal name of the listed company:	Not relevant
Share of the float in the total outstanding shares:	Not relevant
<i>'Floating stock' is the result of subtracting closely-held shares from the total number of issued shares. It represents the</i>	

portion available for unrestricted trade on a regulated stock market.

Ownership structure and specific rights

In the table below, detail any owners that:

- detain, directly or indirectly, at least 5% in the capital or at least 5% of the voting rights, including through any content, understanding, relationship^[1] or/and intermediary
- have one or more of the following specific rights in relation to their ownership:
 - right to veto a transfer of shares
 - pre-emption rights
 - right to purchase additional shares or investment subject to conditions
 - right to sell shares (only for owners that are not established in eligible countries (i.e. legal entity) or do not have the nationality of one of the eligible countries (i.e. individual) and holding more than 5% of the voting rights).

Supporting documents:

- commercial registry extracts, shareholders book or a declaration signed by the legal representative of the organisation and any other relevant document containing clear mention of the shareholders and their percentage of interest/voting rights.
- shareholders' agreement, memorandum of understanding among shareholders, statutes, articles of association or other relevant documents regarding the decision-making procedures within the legal entity, investment agreements between the shareholders, etc.
- If there are legal persons as shareholders^[2], please provide also a graph describing the different ownership layers/chain of control until the ultimate owners.

 The supporting documents must show the complete ownership structure, for the entity and all its layers of ownership, up to the ultimate owners and should reflect the situation at the moment you sign this declaration.

^[1] This includes voting agreements between shareholders that would together have more than 5% of the voting rights or 5% of the capital.

^[2] Detaining at least 5% in the capital or at least 5% of the voting rights.

Owner name	Country of establishment/ or nationality	How is the ownership/control held		Specific rights attached to shares
		by share [%]	by voting right [%]	
VUTEX, s.r.o.	Czech Republic	87,69 %		

Corporate governance

Describe briefly:

- the decision-making bodies, their composition as well as their nationality or place of establishment (where applicable);
- the rules regarding election, appointment, nomination or tenure of members of the decision-making bodies or other management positions;
- the decision-making procedures, including information regarding the required majority and/or quorum needed for decisions.

Supporting documents: Documents establishing/describing the decision-making bodies, rules regarding election, appointment, nomination or tenure, decision-making procedures within the legal entity (e.g. articles of association bylaws, reports on corporate governance, etc).

You can refer to specific sections of your supporting documents.

 The same documents and information should be provided for each intermediate legal entity holding directly or indirectly 5% or more of the capital or voting rights, up to the ultimate owners of all the layers involved.

The highest decision-making body consisting of company's shareholders is the General Meeting. The General Meeting decides, amongst other things, about the approval of the financial statement, distribution of profit, and the selection of the Board and the Board of Directors, Supervisory Board.

The key organ which has the power to lead and represent the company is The Board of Directors (3 members currently).

Practical operations are lead by the Charmain of the Board of Directors.

Control

Commercial links conferring control

List individuals or legal entities with whom you (or your owners, including intermediate layers until the ultimate owners) have a commercial relationship that (1) leads to a similar level of control on management and resources as the ownership of shares or assets and (2) is of very long duration (e.g. very important long-term supply agreements or credits provided by suppliers/customers, coupled with structural links).

Supporting documents: cooperation agreements with the customer or supplier, etc.

Name	Country of establishment/ or nationality	Commercial link type <i>(Supplier, customer, etc. .)</i>	Indicative amount

Financial links conferring control

List individuals or legal entities (including controlling shareholders/owners) from whom you (or your owners) are financially dependent in a way that could allow them to obtain concessions in strategic business areas.

Supporting documents: loan documents, by-laws, documents showing the link; etc.

Name	Country of establishment/ or nationality	Financial link type	Indicative amount
VUSIT, s.r.o.	Czech Republic		38 %

Other sources of control

Indicate if there is any other mean, process or link ultimately conferring control to another country entity (similar level of control on management and resources as the ownership of shares or assets and of long duration).

Supporting documents: documents showing the control

Not relevant.

DECLARATION (control)

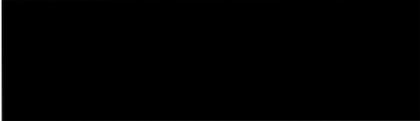
We hereby confirm that:

- 1) our organisation is **subject to control** by an ineligible country or ineligible country entity
- 2) the present declaration is true and sincere
- 3) the information regarding ownership and control is accurate and reliable
- 4) if needed, we will provide guarantees to prove compliance with the requirements set out in the call conditions.

DECLARATION (no control)

We hereby confirm that:

- 1) our organisation is **NOT subject to control** by an ineligible country or ineligible country entity

<p>2) the present declaration is true and sincere</p> <p>3) the information regarding ownership and control is accurate and reliable</p> <p>4) to the best of our knowledge, there are no other arrangements or coordination between shareholders from ineligible countries that would together exercise control</p> <p>5) to the best of our knowledge, there are no other financial or commercial links with ineligible countries or ineligible county entities conferring control</p> <p>6) we are aware that false declarations may lead to proposal rejection/grant termination and to administrative sanctions under Articles 135 to 145 of the EU Financial Regulation 2018/1046.</p>	
<input checked="" type="checkbox"/>	DECLARATION (no change)
<p>We hereby confirm that:</p> <p>1) there has been no change in our organisation's ownership and control situation compared to the last declaration/assessment procedure by the EU services</p> <p>2) the present declaration is true and sincere</p> <p>3) if needed, we will provide guarantees to prove compliance with the requirements set out in the call conditions.</p>	
Last declaration/assessment:	15. 2. 2022
Project name and acronym:	EDIH Northern and Eastern Bohemia — EDIH NEB
SIGNATURE OF THE AUTHORISED PERSON	
Name and function:	 Charmain of the Board of Directors, authorized representative
Date of signature:	3. 11. 2022
Signature and stamp:	



OWNERSHIP CONTROL DECLARATION

(To be filled in by the project participants as part of the application. All declarations must be assembled by the coordinator and uploaded in a single file in the Portal Submission System.

All participants (beneficiaries, affiliated entities, subcontractors and associated partners) must fill out the form. Entities that are validated as public bodies by the Central Validation Service do not have to fill in the form but will automatically be considered as controlled by their country.

Supporting documents do not have to be provided at application stage, but will be requested later on. You will receive a task notification asking you to upload the documents to your PIC account in the Portal Participant Register .

 The supporting documents should reflect the situation at the moment you sign this declaration. Please be aware that additional evidence may also be requested later on, in case there are open questions about your ownership/control status.

 Please note that the information in this declaration may be reused in case you apply to other EU calls that have ownership/control restrictions.)

DECLARATION ON OWNERSHIP AND CONTROL	
Participant	
Legal name:	AEC a.s.
PIC:	891208259
Legal registration number:	04772148
Place of establishment: <i>(country of registration; full address)</i>	Czech Republic, Voctářova 2500/20a, 180 00 Prague 8 Libeň
Headquarters	
Location of global headquarters/head office: <i>(full address)</i>	Czech Republic, Voctářova 2500/20a, 180 00 Prague 8 Libeň
Location of the executive management structure: <i>(if different from the location of global headquarters/head office; full address)</i>	
<i>'Executive management structure' means a body appointed in accordance with national law, and, where applicable, reporting to the chief executive officer, which is empowered to establish the strategy, objectives and overall direction, and who oversees and monitors management decision-making.</i>	
Listed, subsidiary or controlled	
<i>Supporting documents: report/minutes of the last three shareholders meetings, for each of the listed companies.</i>	
Are you listed on a stock exchange?	No
Are you a subsidiary of a listed company?	No
Are you controlled by a listed company?	No
<i>If the reply is YES to any of these three questions, please provide:</i>	
Which stock exchange?	Not relevant
Legal name of the listed company:	Not relevant
Share of the float in the total outstanding shares:	Not relevant
<i>'Floating stock' is the result of subtracting closely-held shares from the total number of issued shares. It represents the</i>	

portion available for unrestricted trade on a regulated stock market.

Ownership structure and specific rights

In the table below, detail any owners that:

- detain, directly or indirectly, at least 5% in the capital or at least 5% of the voting rights, including through any content, understanding, relationship^[1] or/and intermediary
- have one or more of the following specific rights in relation to their ownership:
 - right to veto a transfer of shares
 - pre-emption rights
 - right to purchase additional shares or investment subject to conditions
 - right to sell shares (only for owners that are not established in eligible countries (i.e. legal entity) or do not have the nationality of one of the eligible countries (i.e. individual) and holding more than 5% of the voting rights).

Supporting documents:

- commercial registry extracts, shareholders book or a declaration signed by the legal representative of the organisation and any other relevant document containing clear mention of the shareholders and their percentage of interest/voting rights.
- shareholders' agreement, memorandum of understanding among shareholders, statutes, articles of association or other relevant documents regarding the decision-making procedures within the legal entity, investment agreements between the shareholders, etc.
- If there are legal persons as shareholders^[2], please provide also a graph describing the different ownership layers/chain of control until the ultimate owners.

 The supporting documents must show the complete ownership structure, for the entity and all its layers of ownership, up to the ultimate owners and should reflect the situation at the moment you sign this declaration.

^[1] This includes voting agreements between shareholders that would together have more than 5% of the voting rights or 5% of the capital.

^[2] Detaining at least 5% in the capital or at least 5% of the voting rights.

Owner name	Country of establishment/ or nationality	How is the ownership/control held		Specific rights attached to shares
		by share [%]	by voting right [%]	
Aricoma Group a.s.	Czech Republic	55%		
Invit Group a.s.	Czech Republic	25%		
Tomáš Strýček	Czech Republic	20%		

Corporate governance

Describe briefly:

- the decision-making bodies, their composition as well as their nationality or place of establishment (where applicable);
- the rules regarding election, appointment, nomination or tenure of members of the decision-making bodies or other management positions;
- the decision-making procedures, including information regarding the required majority and/or quorum needed for decisions.

Supporting documents: Documents establishing/describing the decision-making bodies, rules regarding election, appointment, nomination or tenure, decision-making procedures within the legal entity (e.g. articles of association bylaws, reports on corporate governance, etc).

You can refer to specific sections of your supporting documents.

 The same documents and information should be provided for each intermediate legal entity holding directly or indirectly 5% or more of the capital or voting rights, up to the ultimate owners of all the layers involved.

AEC a.s.

- board of directors is the decision – manging body of 5 members: present members: Tomáš Strýček (CZ). Jaromir Babinec (CZ), Martin Chládek (CZ), Jiří Bíba C(Z), Michal Tománek (CZ)

- the board of directors is elected by the general meeting of the shareholders
- the board of directors has a quorum in the presence of at least 3 of its members; the decision of the board of directors is made if at least 3 of its members voted for it

Invinitt Group a.s.

- board of directors is the decision - making body of 3 members; present members: Vit Urbanec (CZ), Jiří Biba (CZ), Petr Štros (CZ)
- the board of directors is elected by the general meeting of the shareholders
- the board of directors has a quorum in the presence of its members; the decision of the board of directors is made if most (at least two) of its members voted for it

Aricoma Group a.s.

- board of directors is the decision - making body of 5 members; present members: Jaroslav Bielek (CZ), Milan Sameš (CZ), Martin Grigar (CZ), Ondřej Matušík (CZ), Michal Tománek (CZ)
- the board of directors is elected by the general meeting of the shareholders
- the board of directors has a quorum in the presence of at least 3 of its members; the decision of the board of directors is made if at least 3 of its members voted for it

Control

Commercial links conferring control

List individuals or legal entities with whom you (or your owners, including intermediate layers until the ultimate owners) have a commercial relationship that (1) leads to a similar level of control on management and resources as the ownership of shares or assets and (2) is of very long duration (e.g. very important long-term supply agreements or credits provided by suppliers/customers, coupled with structural links).

Supporting documents: cooperation agreements with the customer or supplier, etc.

Name	Country of establishment/ or nationality	Commercial link type <i>(Supplier, customer, etc...)</i>	Indicative amount
Not relevant			

Financial links conferring control

List individuals or legal entities (including controlling shareholders/owners) from whom you (or your owners) are financially dependent in a way that could allow them to obtain concessions in strategic business areas.

Supporting documents: loan documents, by-laws, documents showing the link; etc.

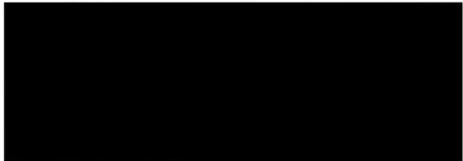
Name	Country of establishment/ or nationality	Financial link type	Indicative amount
Not relevant			

Other sources of control

Indicate if there is any other mean, process or link ultimately conferring control to another country entity (similar level of control on management and resources as the ownership of shares or assets and of long duration).

Supporting documents: documents showing the control

Not relevant

<input type="checkbox"/>	DECLARATION (control)
<p>We hereby confirm that:</p> <ol style="list-style-type: none"> 1) our organisation is subject to control by an ineligible country or ineligible country entity 2) the present declaration is true and sincere 3) the information regarding ownership and control is accurate and reliable 4) if needed, we will provide guarantees to prove compliance with the requirements set out in the call conditions. 	
<input checked="" type="checkbox"/>	DECLARATION (no control)
<p>We hereby confirm that:</p> <ol style="list-style-type: none"> 1) our organisation is NOT subject to control by an ineligible country or ineligible country entity 2) the present declaration is true and sincere 3) the information regarding ownership and control is accurate and reliable 4) to the best of our knowledge, there are no other arrangements or coordination between shareholders from ineligible countries that would together exercise control 5) to the best of our knowledge, there are no other financial or commercial links with ineligible countries or ineligible county entities conferring control 6) we are aware that false declarations may lead to proposal rejection/grant termination and to administrative sanctions under Articles 135 to 145 of the EU Financial Regulation 2018/1046. 	
<input checked="" type="checkbox"/>	DECLARATION (no change)
<p>We hereby confirm that:</p> <ol style="list-style-type: none"> 1) there has been no change in our organisation's ownership and control situation compared to the last declaration/assessment procedure by the EU services 2) the present declaration is true and sincere 3) if needed, we will provide guarantees to prove compliance with the requirements set out in the call conditions. 	
Last declaration/assessment:	16.2.2022
Project name and acronym:	EDIH Northern and Eastern Bohemia Akronym: EDIH NEB
SIGNATURE OF THE AUTHORISED PERSON	
Name and function:	 Member of the Board
Date of signature:	14.11.2023
Signature and stamp:	

ANNEX 2

ESTIMATED BUDGET FOR THE ACTION

Forms of funding	Estimated eligible ¹ costs (per budget category)										Estimated EU contribution ²				
	Direct costs									Indirect costs	Total costs	EU contribution to eligible costs			Maximum grant amount ⁶
	A. Personnel costs		B. Subcontracting costs	C. Purchase costs			D. Other cost categories		E. Indirect costs ³			Funding rate % ⁴	Maximum EU contribution ⁵	Requested EU contribution	
	A.1 Employees (or equivalent)	A.2 Natural persons under direct contract	A.3 Seconded persons	A.4 SME owners and natural person beneficiaries	B. Subcontracting	C.1 Travel and subsistence	C.2 Equipment	C.3 Other goods, works and services	D.1 Financial support to third parties	D.2 Internally invoiced goods and services	E. Indirect costs				
Actual costs	Unit costs (usual accounting practices)	Unit costs ⁷	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Unit costs (usual accounting practices)	Flat-rate costs ⁸					
a1	a2	a3	b	c1	c2	c3	d1	d2	e = flat-rate * (a1 + a2 + a3 + b + c1 + c2 + c3 + d1 + d2)	f = a + b + c + d + e	U	g = f * U%	h	m	
1 - ARR	813 849.00	0.00	0.00	0.00	28 000.00	95 000.00	181 584.00	0.00	0.00	78 290.31	1 196 723.31	50	598 361.66	590 232.01	590 232.01
2 - VUTS	138 395.00	0.00	0.00	0.00	15 000.00	23 715.00	39 759.00	0.00	0.00	15 180.83	232 049.83	50	116 024.92	116 024.92	116 024.92
3 - NCA	319 565.00	0.00	0.00	55 731.00	17 700.00	0.00	37 944.00	0.00	0.00	30 165.80	461 105.80	50	230 552.90	216 323.65	216 323.65
4 - CIRI	91 778.00	0.00	0.00	0.00	13 870.00	0.00	44 941.00	0.00	0.00	10 541.23	161 130.23	50	80 565.12	80 565.12	80 565.12
5 - TUL	470 146.00	0.00	0.00	0.00	26 000.00	26 000.00	124 506.00	0.00	0.00	45 265.64	691 917.64	50	345 958.82	250 759.11	250 759.11
6 - UHK	444 562.00	0.00	0.00	0.00	23 100.00	47 430.00	0.00	0.00	0.00	36 056.44	551 148.44	50	275 574.22	195 752.72	195 752.72
7 - AEC AS	94 861.00	0.00	0.00	0.00	5 000.00	0.00	4 743.00	0.00	0.00	7 322.28	111 926.28	50	55 963.14	48 848.52	48 848.52
Σ consortium	2 373 156.00	0.00	0.00	55 731.00	128 670.00	192 145.00	433 477.00	0.00	0.00	222 822.53	3 406 001.53		1 703 000.78	1 498 506.05	1 498 506.05

¹ See Article 6 for the eligibility conditions. All amounts must be expressed in EUR (see Article 21 for the conversion rules).

² The consortium remains free to decide on a different internal distribution of the EU funding (via the consortium agreement; see Article 7).

³ Indirect costs already covered by an operating grant (received under any EU funding programme) are ineligible (see Article 6.3). Therefore, a beneficiary/affiliated entity that receives an operating grant during the action duration cannot declare indirect costs for the year(s)/reporting period(s) covered by the operating grant, unless they can demonstrate that the operating grant does not cover any costs of the action. This requires specific accounting tools. Please immediately contact us via the EU Funding & Tenders Portal for details.

⁴ See Data Sheet for the funding rate(s).

⁵ This is the theoretical amount of the EU contribution to costs, if the reimbursement rate is applied to all the budgeted costs. This theoretical amount is then capped by the 'maximum grant amount'.

⁶ The 'maximum grant amount' is the maximum grant amount decided by the EU. It normally corresponds to the requested grant, but may be lower.

⁷ See Annex 2a 'Additional information on the estimated budget' for the details (units, cost per unit).

⁸ See Data Sheet for the flat-rate.

ANNEX 2a

ADDITIONAL INFORMATION ON UNIT COSTS AND CONTRIBUTIONS

SME owners/natural person beneficiaries without salary

See [*Additional information on unit costs and contributions \(Annex 2a and 2b\)*](#)

ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

VUTS AS (VUTS), PIC 998726551, established in SVAROVSKA 619, LIBEREC RUZODOL 460 01, Czechia,

hereby agrees

to become beneficiary

in Agreement No 101120003 — EDIH NEB ('the Agreement')

between ARR - AGENTURA REGIONALNIHO ROZVOJE SPOL SRO (ARR) **and the European Union** ('EU'), represented by the European Commission ('European Commission' or 'granting authority'),

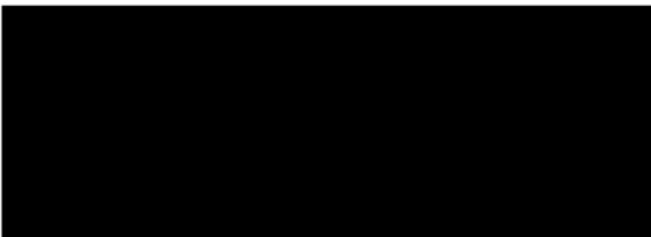
and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary



ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

NARODNI KLASTROVA ASOCIACE (NCA), PIC 939904490, established in STUDENTSKA 6202/17, PORUBA, OSTRAVA 708 00, Czechia,

hereby agrees

to become beneficiary

in Agreement No 101120003 — EDIH NEB ('the Agreement')

between ARR - AGENTURA REGIONALNIHO ROZVOJE SPOL SRO (ARR) **and the European Union** ('EU'), represented by the European Commission ('European Commission' or 'granting authority'),

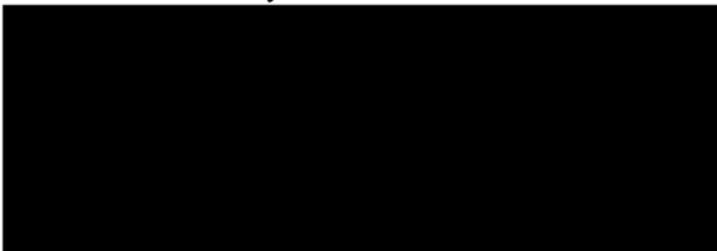
and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary



ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

CENTRUM INVESTIC ROZVOJE A INOVACI (CIRI), PIC 883107207, established in SOUKENICKA 54 8, HRADEC KRALOVE 500 03, Czechia,

hereby agrees

to become beneficiary

in Agreement No 101120003 — EDIH NEB ('the Agreement')

between ARR - AGENTURA REGIONALNIHO ROZVOJE SPOL SRO (ARR) **and the European Union** ('EU'), represented by the European Commission ('European Commission' or 'granting authority'),

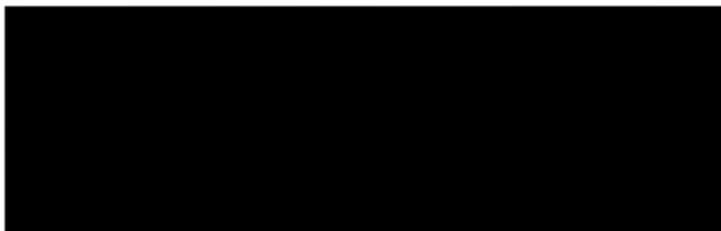
and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary



ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

TECHNICKA UNIVERZITA V LIBERCI (TUL), PIC 999856213, established in STUDENTSKA 1402/2, LIBEREC 46117, Czechia,

hereby agrees

to become beneficiary

in Agreement No 101120003 — EDIH NEB ('the Agreement')

between ARR - AGENTURA REGIONALNIHO ROZVOJE SPOL SRO (ARR) **and the European Union** ('EU'), represented by the European Commission ('European Commission' or 'granting authority'),

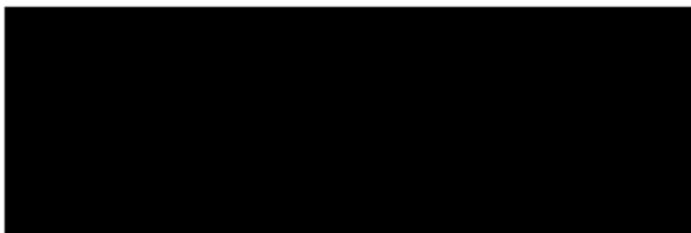
and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary



ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

UNIVERZITA HRADEC KRALOVE (UHK), PIC 999865719, established in ROKITANSKEHO 62, HRADEC KRALOVE 500 03, Czechia,

hereby agrees

to become beneficiary

in Agreement No 101120003 — EDIH NEB ('the Agreement')

between ARR - AGENTURA REGIONALNIHO ROZVOJE SPOL SRO (ARR) **and the European Union** ('EU'), represented by the European Commission ('European Commission' or 'granting authority'),

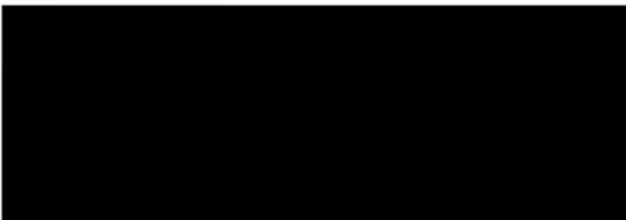
and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary



ANNEX 3

ACCESSION FORM FOR BENEFICIARIES

AEC AS (AEC AS), PIC 891208259, established in VOCTAROVA 2500/20A, PRAHA 180 00, Czechia,

hereby agrees

to become beneficiary

in Agreement No 101120003 — EDIH NEB ('the Agreement')

between ARR - AGENTURA REGIONALNIHO ROZVOJE SPOL SRO (ARR) **and** the **European Union** ('EU'), represented by the European Commission ('European Commission' or 'granting authority'),

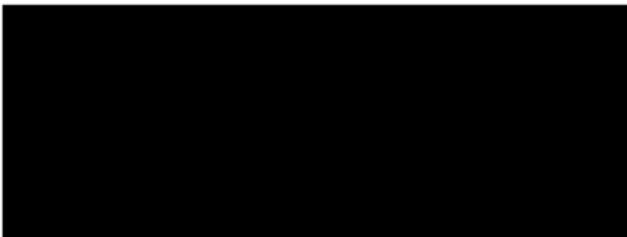
and mandates

the coordinator to submit and sign in its name and on its behalf any **amendments** to the Agreement, in accordance with Article 39.

By signing this accession form, the beneficiary accepts the grant and agrees to implement it in accordance with the Agreement, with all the obligations and terms and conditions it sets out.

SIGNATURE

For the beneficiary



ANNEX 4 DIGITAL EUROPE MGA — MULTI + MONO

FINANCIAL STATEMENT FOR [PARTICIPANT NAME] FOR REPORTING PERIOD [NUMBER]

Eligible ¹ costs (per budget category)											EU contribution ²				Revenues		
Direct costs										Indirect costs	Total costs	EU contribution to eligible costs			Total requested EU contribution	Income generated by the action	
A. Personnel costs		B. Subcontracting costs	C. Purchase costs			D. Other cost categories			E. Indirect costs ²	Funding rate % ³		Maximum EU contribution ⁴	Requested EU contribution				
Forms of funding	A.1 Employees (or equivalent)	A.4 SME owners and natural person beneficiaries	B. Subcontracting	C.1 Travel and subsistence	C.2 Equipment	C.3 Other goods, works and services	D.X Financial support to third parties	D.2 Internally invoiced goods and services	[OPTION for PAC Grants for Procurement: D.3 PAC procurement costs]	E. Indirect costs	Total costs	Funding rate % ³	Maximum EU contribution ⁴	Requested EU contribution	Total requested EU contribution	Income generated by the action	
	A.2 Natural persons under direct contract	A.3 Seconded persons	Actual costs	Unit costs (usual accounting practices)	Unit costs ⁵	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs							Unit costs (usual accounting practices)
	a1	a2	a3	b	c1	c2	c3	d1a	d2	[d3]	e = flat-rate * (a1 + a2 + a3 + b + c1 + c2 + c3 + d1a + d2 (+ d3))	f = a+b+c+d+e	U	g = f*U%	h	m	n
XX – [short name beneficiary/affiliated entity]																	

The beneficiary/affiliated entity hereby confirms that:
 The information provided is complete, reliable and true.
 The costs and contributions declared are eligible (see Article 6).
 The costs and contributions can be substantiated by adequate records and supporting documentation that will be produced upon request or in the context of checks, reviews, audits and investigations (see Articles 19, 20 and 25).
 For the last reporting period: that all the revenues have been declared (see Article 22).

¹ Please declare all eligible costs and contributions, even if they exceed the amounts indicated in the estimated budget (see Annex 2). Only amounts that were declared in your individual financial statements can be taken into account later on, in order to replace costs/contributions that are found to be ineligible.

² See Article 6 for the eligibility conditions. All amounts must be expressed in EUR (see Article 21 for the conversion rules).

³ If you have also received an EU operating grant during this reporting period, you cannot claim indirect costs - unless you can demonstrate that the operating grant does not cover any costs of the action. This requires specific accounting tools. Please contact us immediately via the Funding & Tenders Portal for details.

⁴ See Data Sheet for the reimbursement rate(s).

⁵ This is the *theoretical* amount of EU contribution to costs that the system calculates automatically (by multiplying the reimbursement rates by the costs declared). The amount you request (in the column 'requested EU contribution') may be less.

⁶ See Annex 2a 'Additional information on the estimated budget' for the details (units, cost per unit).

⁷ See Data Sheet for the flat-rate.

ANNEX 5

SPECIFIC RULES

CONFIDENTIALITY AND SECURITY (— ARTICLE 13)

Sensitive information with security recommendation

Sensitive information with a security recommendation must comply with the additional requirements imposed by the granting authority.

Before starting the action tasks concerned, the beneficiaries must have obtained all approvals or other mandatory documents needed for implementing the task. The documents must be kept on file and be submitted upon request by the coordinator to the granting authority. If they are not in English, they must be submitted together with an English summary.

For requirements restricting disclosure or dissemination, the information must be handled in accordance with the recommendation and may be disclosed or disseminated only after written approval from the granting authority.

EU classified information

If EU classified information is used or generated by the action, it must be treated in accordance with the security classification guide (SCG) and security aspect letter (SAL) set out in Annex 1 and Decision 2015/444¹ and its implementing rules — until it is declassified.

Deliverables which contain EU classified information must be submitted according to special procedures agreed with the granting authority.

Action tasks involving EU classified information may be subcontracted only with prior explicit written approval from the granting authority and only to entities established in an EU Member State or in a non-EU country with a security of information agreement with the EU (or an administrative arrangement with the Commission).

EU classified information may not be disclosed to any third party (including participants involved in the action implementation) without prior explicit written approval from the granting authority.

ETHICS (— ARTICLE 14)

Ethics

Actions involving activities raising ethics issues must be carried out in compliance with:

- ethical principles

¹ Commission Decision 2015/444/EC, Euratom of 13 March 2015 on the security rules for protecting EU classified information (OJ L 72, 17.3.2015, p. 53).

and

- applicable EU, international and national law, including the EU Charter of Fundamental Rights and the European Convention for the Protection of Human Rights and Fundamental Freedoms and its Supplementary Protocols.

The beneficiaries must pay particular attention to the principle of proportionality, the right to privacy, the right to the protection of personal data, the right to the physical and mental integrity of persons, the right to non-discrimination, the need to ensure protection of the environment and high levels of human health protection.

Before the beginning of an action task raising an ethical issue, the beneficiaries must have obtained all approvals or other mandatory documents needed for implementing the task, notably from any (national or local) ethics committee or other bodies such as data protection authorities.

The documents must be kept on file and be submitted upon request by the coordinator to the granting authority. If they are not in English, they must be submitted together with an English summary, which shows that the documents cover the action tasks in question and includes the conclusions of the committee or authority concerned (if any).

INTELLECTUAL PROPERTY RIGHTS (IPR) — BACKGROUND AND RESULTS — ACCESS RIGHTS AND RIGHTS OF USE (— ARTICLE 16)

Definitions

Access rights — Rights to use results or background.

Dissemination — The public disclosure of the results by appropriate means, other than resulting from protecting or exploiting the results, including by scientific or professional publications in any medium.

Exploit(ation) — The use of results in further innovation and deployment activities other than those covered by the action concerned, including among other things, commercial exploitation such as developing, creating, manufacturing and marketing a product or process, creating and providing a service, or in standardisation activities.

Fair and reasonable conditions — Appropriate conditions, including possible financial terms or royalty-free conditions, taking into account the specific circumstances of the request for access, for example the actual or potential value of the results or background to which access is requested and/or the scope, duration or other characteristics of the exploitation envisaged.

List of background — Background free from restrictions

The beneficiaries must, where industrial and intellectual property rights (including rights of third parties) exist prior to the Agreement, establish a list of these pre-existing industrial and intellectual property rights, specifying the rights owners.

The coordinator must — before starting the action — submit this list to the granting authority.

Where the call conditions restrict participation or control due to security or EU strategic autonomy reasons, background that is subject to control or other restrictions by a country (or entity from a country) which is not one of the eligible countries or target countries set out in the call conditions and that impact the results (i.e. would make the results subject to control or restrictions) must not be used and must be explicitly excluded in the list of background — unless otherwise agreed with the granting authority.

Results free from restrictions

Where the call conditions restrict participation or control due to security or EU strategic autonomy reasons, the beneficiaries must ensure that the results of the action are not subject to control or other restrictions by a country (or entity from a country) which is not one of the eligible countries or target countries set out in the call conditions — unless otherwise agreed with the granting authority.

Ownership of results

Results are owned by the beneficiaries that generate them (unless the consortium agreement specifies another ownership regime).

Protection of results

The beneficiaries must adequately protect their results — for an appropriate period and with appropriate territorial coverage — if protection is possible and justified, taking into account all relevant considerations, including the prospects for commercial exploitation, legitimate interests of the other beneficiaries and any other legitimate interests.

Exploitation of results

Beneficiaries must — up to four years after the end of the action (see Data Sheet, Point 1) — use their best efforts to exploit their results directly or to have them exploited indirectly by another entity, in particular through transfer or licensing.

Where the call conditions restrict participation or control due to security or EU strategic autonomy reasons (and unless otherwise agreed with the granting authority), the beneficiaries must produce a significant amount of products, services or processes that incorporate results of the action or that are produced through the use of results of the action in the eligible countries or target countries set out in the call conditions.

Where the call conditions impose moreover a first exploitation obligation, the first exploitation must also take place in the eligible countries or target countries set out in the call conditions.

The beneficiaries must ensure that these obligations also apply to their affiliated entities, associated partners, subcontractors and recipients of financial support to third parties.

Transfers and licensing of results

Where the call conditions restrict participation or control due to security or EU strategic autonomy reasons, the beneficiaries may not transfer ownership of their results or grant licences to third parties which are established in countries which are not eligible countries or target countries set out in the call conditions (or are controlled by such countries or entities

from such countries) — unless they have requested and received prior approval by the granting authority.

The request must:

- identify the specific results concerned
- describe in detail the new owner and the planned or potential exploitation of the results and
- include a reasoned assessment of the likely impact of the transfer or license on the security interests or EU strategic autonomy .

The granting authority may request additional information.

The beneficiaries must ensure that their obligations under the Agreement are passed on to the new owner and that this new owner has the obligation to pass them on in any subsequent transfer.

Access rights — Additional rights of use

Rights of use of the granting authority on results for information, communication, publicity and dissemination purposes

The granting authority also has the right to exploit non-sensitive results of the action for information, communication, dissemination and publicity purposes, using any of the following modes:

- **use for its own purposes** (in particular, making them available to persons working for the granting authority or any other EU service (including institutions, bodies, offices, agencies, etc.) or EU Member State institution or body; copying or reproducing them in whole or in part, in unlimited numbers; and communication through press information services)
- **distribution to the public** in hard copies, in electronic or digital format, on the internet including social networks, as a downloadable or non-downloadable file
- **editing** or **redrafting** (including shortening, summarising, changing, correcting, cutting, inserting elements (e.g. meta-data, legends or other graphic, visual, audio or text elements) extracting parts (e.g. audio or video files), dividing into parts or use in a compilation
- **translation**(including inserting subtitles/dubbing)in all official languages of EU
- **storage** in paper, electronic or other form
- **archiving** in line with applicable document-management rules
- the right to authorise **third parties** to act on its behalf or sub-license to third parties, including if there is licensed background, any of the rights or modes of exploitation set out in this provision
- **processing**, analysing, aggregating the results and **producing derivative works**

- **disseminating** the results in widely accessible databases or indexes (such as through ‘open access’ or ‘open data’ portals or similar repositories, whether free of charge or not).

The beneficiaries must ensure these rights of use for the whole duration they are protected by industrial or intellectual property rights.

If results are subject to moral rights or third party rights (including intellectual property rights or rights of natural persons on their image and voice), the beneficiaries must ensure that they comply with their obligations under this Agreement (in particular, by obtaining the necessary licences and authorisations from the rights holders concerned).

Access rights for the granting authority and EU institutions, bodies, offices or agencies to results for policy purposes

The beneficiaries must grant access to their results — on a royalty-free basis — to the granting authority, other EU institutions, bodies, offices or agencies, for developing, implementing and monitoring EU policies or programmes.

Such access rights are limited to non-commercial and non-competitive use.

Access rights for the granting authority to results in case of a public emergency

If requested by the granting authority in case of a public emergency, the beneficiaries must grant non-exclusive, world-wide licences to third parties — under fair and reasonable conditions — to use the results to address the public emergency.

Access rights for third parties to ensure continuity and interoperability

Where the call conditions impose continuity or interoperability obligations, the beneficiaries must make the results produced in the framework of the action available to the public (freely accessible on the Internet under open source licences).

COMMUNICATION, DISSEMINATION AND VISIBILITY (— ARTICLE 17)

Communication and dissemination plan

The beneficiaries must provide a detailed communication and dissemination plan, setting out the objectives, key messaging, target audiences, communication channels, social media plan, planned budget and relevant indicators for monitoring and evaluation.

Dissemination of results

The beneficiaries must disseminate their results as soon as feasible, in a publicly available format, subject to any restrictions due to the protection of intellectual property, security rules or legitimate interests.

They must upload the public **project results** to the Digital Europe Project Results platform, available through the Funding & Tenders Portal.

In addition, where the call conditions impose additional dissemination obligations, they must also comply with those.

Additional communication activities

The beneficiaries must engage in the following additional communication activities:

- **present the project** (including project summary, coordinator contact details, list of participants, European flag and funding statement and special logo and project results) on the beneficiaries' **websites** or **social media accounts**.

SPECIFIC RULES FOR CARRYING OUT THE ACTION (— ARTICLE 18)

Implementation in case of restrictions due to security or EU strategic autonomy

Where the call conditions restrict participation or control due to security or EU strategic autonomy reasons, the beneficiaries must ensure that none of the entities that participate as affiliated entities, associated partners, subcontractors or recipients of financial support to third parties are established in countries which are not eligible countries or target countries set out in the call conditions (or are controlled by such countries or entities from such countries) — unless otherwise agreed with the granting authority.

The beneficiaries must moreover ensure that any cooperation with entities established in countries which are not eligible countries or target countries set out in the call conditions (or are controlled by such countries or entities from such countries) does not affect the security interests or EU strategic autonomy and avoids potential negative effects over security of supply of inputs critical to the action.

Specific rules for PAC Grants for Procurement

When implementing innovative procurements in PAC Grants for Procurement, the beneficiaries must respect the following conditions:

- avoid any conflict of interest and comply with the principles of transparency, non-discrimination, equal treatment, sound financial management, proportionality and competition rules
- assign the ownership of the intellectual property rights under the contracts to the contractors (unless there are exceptional overriding public interests which are duly justified in Annex 1), with the right of the buyers to access results — on a royalty-free basis — for their own use and to grant (or to require the contractors to grant) non-exclusive licences to third parties to exploit the results for them — under fair and reasonable conditions — without any right to sub-license
- allow for all communications to be made in English (and any additional languages chosen by the beneficiaries)
- ensure that prior information notices, contract notices and contract award notices contain information on the EU funding and a disclaimer that the EU is not participating as contracting authority in the procurement
- allow for the award of multiple procurement contracts within the same procedure (multiple sourcing)
- for procurements involving classified information: apply the security rules set out in Annex 5 mutatis mutandis to the contractors and the background and results of the contracts

- where the call conditions restrict participation or control due to security or EU strategic autonomy reasons: apply the restrictions set out in Annex 5 mutatis mutandis to the contractors and the results under the contracts
- where the call conditions impose a place of performance obligation: ensure that the part of the activities that is subject to the place of performance obligation is performed in the eligible countries or target countries set out in the call conditions
- to ensure reciprocal level of market access: where the WTO Government Procurement Agreement (GPA) does not apply, ensure that the participation in tendering procedures is open on equal terms to bidders from EU Member States and all countries with which the EU has an agreement in the field of public procurement under the conditions laid down in that agreement, including all Horizon Europe associated countries. Where the WTO GPA applies, ensure that tendering procedures are also open to bidders from states that have ratified this agreement, under the conditions laid down therein.

Specific rules for Grants for Financial Support

When implementing financial support to third parties in Grants for Financial Support, the beneficiaries must respect the following conditions:

- avoid any conflict of interest and comply with the principles of transparency, non-discrimination and sound financial management
- for the selection procedure and criteria:
 - publish open calls widely (including on the Funding & Tenders Portal and the beneficiaries' websites)
 - keep open calls open for at least two months
 - inform recipients of call updates (if any) and the outcome of the call (list of selected projects, amounts and names of selected recipients)

Specific rules for JU actions

JU actions must contribute to the long-term implementation of the JU partnership, including the JU Strategic Research and Innovation Agenda, the JU objectives and the exploitation of research and innovation results.

Moreover, when implementing JU actions, the members and contributing partners of the Joint Undertaking must fulfil their obligations regarding contributions to the Joint Undertaking:

- the description of the action in Annex 1 must include, for beneficiaries, affiliated entities, associated partners or other participants or third parties which are members or contributing partners, the estimated contributions to the action, i.e.:
 - in-kind contributions to operational activities ('IKOP'; if applicable)
 - in-kind contributions to additional activities linked to the action ('IKAA'; if applicable)
 - financial contributions ('FC'; if applicable)

- the contributions must be reported during the implementation of the action in the Portal Continuous Reporting tool
- at the end of the action, the members and contributing partners that have not received funding under the grant must ensure that financial and in-kind contributions of EUR 430 000 or more (see Article 21) are supported by statements of contributions (CS) and certificates on the statements of contributions (CCS) which fulfil the following conditions:
 - be provided by a qualified approved external auditor which is independent and complies with Directive 2006/43/EC (or for public bodies: by a competent independent public officer)
 - the verification must be carried out according to the highest professional standards to ensure that the statements of contributions comply with the provisions under the Agreement and the applicable JU Regulation, that the contributions cover activities that are part of the action and that they have not been reimbursed by the grant
- contributions must comply with the following conditions:
 - costs covered by financial contributions cannot be claimed for reimbursement under the JU grant.

The beneficiaries must comply with the additional IPR, dissemination and exploitation obligations set out in the call conditions (Article 16 and Annex 5), in particular:

- for all JU grants: the granting authority right to object to transfers or licensing also applies to results generated by beneficiaries not having received funding under the grant.

In addition to the obligations set out in Article 17, communication and dissemination activities as well as infrastructure, equipment or major results funded under JU actions must moreover display the Joint Undertaking's special logo:



and the following text:

“The project is supported by the [insert JU name] and its members [*OPTION for actions with national contribution top-ups*: (including top-up funding by [name of the national funding authority])].”

For EuroHPC JU grants, the beneficiaries must respect the following conditions when implementing actions with national contribution top-ups from Participating States:

- the beneficiaries must ensure visibility of the national contributions (see below)

- the payment deadlines for prefinancing, interim or final payments are automatically suspended if a national funding authority is late with its payments to the Joint Undertaking for the national contribution top-up
- the European Anti-Fraud Office (OLAF), European Public Prosecutor's Office (EPPO), European Court of Auditors (ECA), the National Court of Auditors and other national authorities can exercise their control rights on the project implementation and costs declared, including for the national contribution top-up.

Specific rules for blending operations

When implementing blending operations, the beneficiaries acknowledge and accept that:

- the grant depends on the approved financing from the Implementing Partner and/or public or private investors for the project
- they must inform the granting authority both about the approval for financing and the financial close — within 15 days
- the payment deadline for the first prefinancing is automatically suspended until the granting authority is informed about the approval for financing
- both actions will be managed and monitored in parallel and in close coordination with the Implementing Partner, in particular:
 - all information, data and documents (including the due diligence by the Implementing Partner and the signed agreement) may be exchanged and may be relied on for the management of the other action (if needed)
 - issues in one action may impact the other (e.g. suspension or termination in one action may lead to suspension also of the other action; termination of the grant will normally suspend and exit from further financing and vice versa, etc.)
- the granting authority may disclose confidential information also to the Implementing Partner.



Digitally sealed by the European Commission
Date: 2023.05.16 11:10:48 CEST

This electronic receipt is a digitally signed version of the document submitted by your organisation. Both the content of the document and a set of metadata have been digitally sealed.

This digital signature mechanism, using a public-private key pair mechanism, uniquely binds this eReceipt to the modules of the Funding & Tenders Portal of the European Commission, to the transaction for which it was generated and ensures its full integrity. Therefore a complete digitally signed trail of the transaction is available both for your organisation and for the issuer of the eReceipt.

Any attempt to modify the content will lead to a break of the integrity of the electronic signature, which can be verified at any time by clicking on the eReceipt validation symbol.

More info about eReceipts can be found in the FAQ page of the Funding & Tenders Portal.

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/support/faq>