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The history of FIT EDIH in Regiunea Centru



2017

The ALT BV Cluster is mentioned in the JRC catalogue as one of the first 3 DIHs in Romania

ICEBERG⁺



SMART FACTORIES
IN NEW EU MEMBER STATES

2017-2018

The Cluster/Iceberg teams participate in the technical assistance program for EDIHs

ICEBERG⁺

DigitaliseSME

2018-2019

Iceberg implements, as DIH manager, the pilot project DigitaliseSME for the EC



DIHELP



2019

InnoHub participates in the technical assistance program for DIHs. ULBS registers another DIH in JRC catalogue from Centru Region

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2022

June 2022 – FIT EDIH selected to be part of the EU EDIH Network

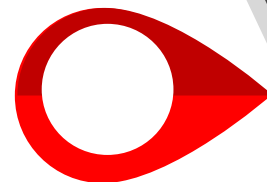


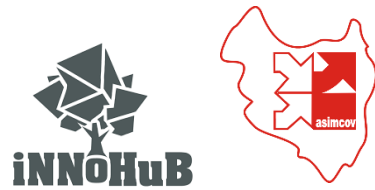
ICEBERG⁺



The 3 entities agree to co-develop the EDIH application for the Centru Region

EDIH Centru 2020





InnoHub/Asimcov
Access to the start-up and SME
community for key sectors in the
Centru Region through its
consortium of clusters

ROPARDO
One of the most
innovative IT/tech
companies from the
Centru Region



Asociatia Smart Factory
Digitalization skills and expertise for
the manufacturing sector



Asociatia Incubatoarelor
Access to incubators and business
communities from the Centru
Region and the national level

**Asociatia Intercomunitara de
Dezvoltare Alba Iulia**

Access to the regional community of
public administrations to increase the
uptake of smart city technologies



Universities – ULBS & UMFST

Two of the most prestigious universities in the fields
of manufacturing and e-health



**EDIH Orchestrator
ICEBERG⁺**

Management entity, innovation
consultancy, access to finance and
technology transfer



Clusterul pentru Inovare si Tehnologie

An ITC/tech knowledge community
including corporations, SMEs and start-
ups



Agentia Metropolitana Brasov

Digital Transformation for public
administration, development and
access to research and innovation
infrastructures



Consiliul National al IMM-urilor

Access to the national SME community as
the target beneficiaries of FIT EDIH



AUTORITATEA
PENTRU
DIGITALIZAREA
ROMÂNIEI

Output: National policy/
strategy on DIHs

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Delivery of **Digital Policy Lab**
and data driven iterative
modelling of DIH policies



Urban Mobility



Culture & Creativity

Output: +40 technologies
added to portfolio

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FIT experts supporting
development of DIHs in BiH,
Armenia & Algeria, facilitation of
study visits & joint projects

Cooperation setup to access **state
of the art innovations** resulting from
EIT/KICs innovation/business
creation/education projects.

Transfer of operational model
towards **second wave (national)
DIHs** & policy setup for **third wave
(regional) DIHs** – the latter via
RIS3/Regional Programme



Future output: Scale-up
for developed assets



REGIO
Programul Regiunea Centru 2021-2027

Future output: spin-off DIHs
on health & manufacturing

Curriculum Approach / FIT EDIH



Smart City Curriculum Track

- **[BASIC]:** 1. **Connectivity infrastructures in Smart Cities** (e-governance, data-driven decision models, IoT, sensors, 5G connectivity, interoperability and open data)
- **[ADVANCED]** 2. **Smart Mobility** (Public Transport and Traffic Solutions, Tracking and traceability, V2X,), 3. **Smart Living** (SMART energy systems, smart grids), 3. **Smart Economy** (Smart and Sustainable Tourism Management, Smart Retail)



Manufacturing Curriculum Track

- **[BASIC]:** 1. **Information Management Systems & Manufacturing Execution** (ERP, CMS, Financial control systems) 2. **Live chats, social networks and chatbots to communicate with clients / Remote Collaboration Tools** (Business Administration) 3. **Basic Automation** (IoT, Digital Twin, MES, PLC), 4. **Cybersecurity**
- **[ADVANCED]:** 4. **Future of work** (AI, VR, AR, robotics - exoskeletons, sensor fusion), 5. **Digital design** (simulation and Digital Twins – metamodeling and co-simulation), 6. **Computer-aided design and manufacturing** (simulation, 3D printing)



eHealth Curriculum Track

- **[BASIC]:** 1. **Information Management Systems for Healthcare** (EHRs, CRM and UC - Data Security in Healthcare) 2. **Live chats, social networks and chatbots to communicate with clients / Remote Collaboration Tools** (mHealth, Telemedicine)
- **[ADVANCED]:** 3. **Automation and AI** (Medical Devices, Personalized Medicine, Smart Diagnosis, Digital Twin)



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