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The European **Digital Innovation Hub** in Transilvania



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The European Digital Innovation Hub in Transilvania (TEDIHT) is the **One-Stop-Shop** for digital transformation for SMEs in the **North-West region of Romania.**

OBJECTIVE

TEDIHT aims to provide a comprehensive set of innovation and digital transformation services across all businesses as well as the public sector through a cross-sectoral approach.



CONSORTIUM

TEDIHT is a regional consortium consisting of **13 organizations** - **5 partners** and **8 associate partners** - created in 2017 by the main innovation players in the North-West region of Romania.



PARTNERS



UNIVERSITATEA
BABEŞ-BOLYAI





Concrete Results

- Over 40 companies and public institutions are already benefiting from TEDIHT services.
- We provide support for digitalization and innovation in various fields: **production, healthcare, energy, creative industries** and **furniture**.



The 3rd Call is Open!

- The 3rd Call is open until February 2025, offering digital transformation services worth up to €120,000 for new beneficiaries.
- We are collaborating with SMEs and public institutions to accelerate digital transformation.



BEST PRACTICE EXAMPLE

TEDIHT has been highlighted as a best practice example in the recommendation report published by the **European Cluster Expert Group** within the European Commission for its strong partnership within the DIH and its cross-sectoral approach.



TEDIHT is part of the European Network of Digital Innovation Hubs (EDIH). It has secured funding from the Digital Europe program and the Romanian government through POCIDIF.



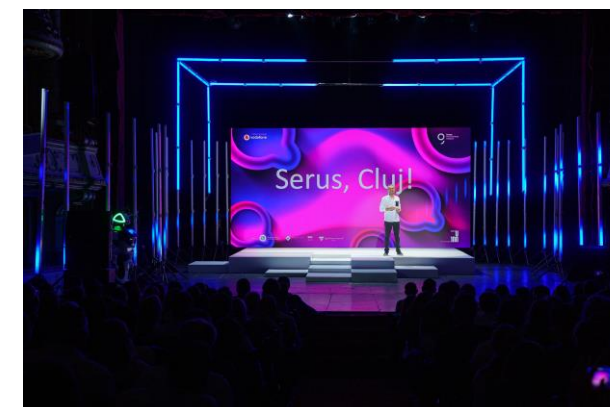
The first operational DIH in Romania, recognized in 2019 as a "Fully Operational DIH" by the European Commission's Joint Research Centre (JRC).



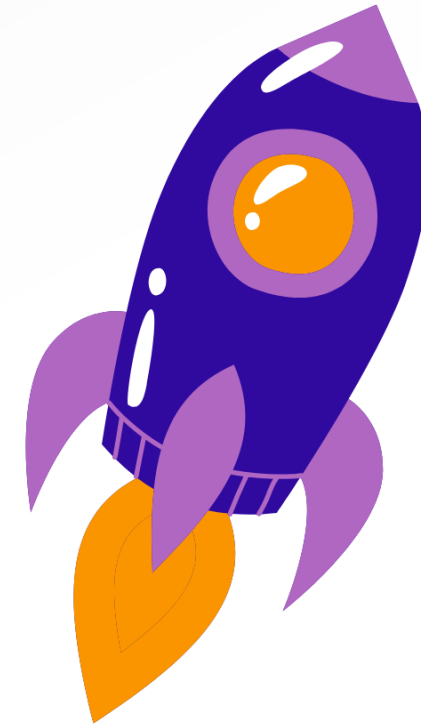
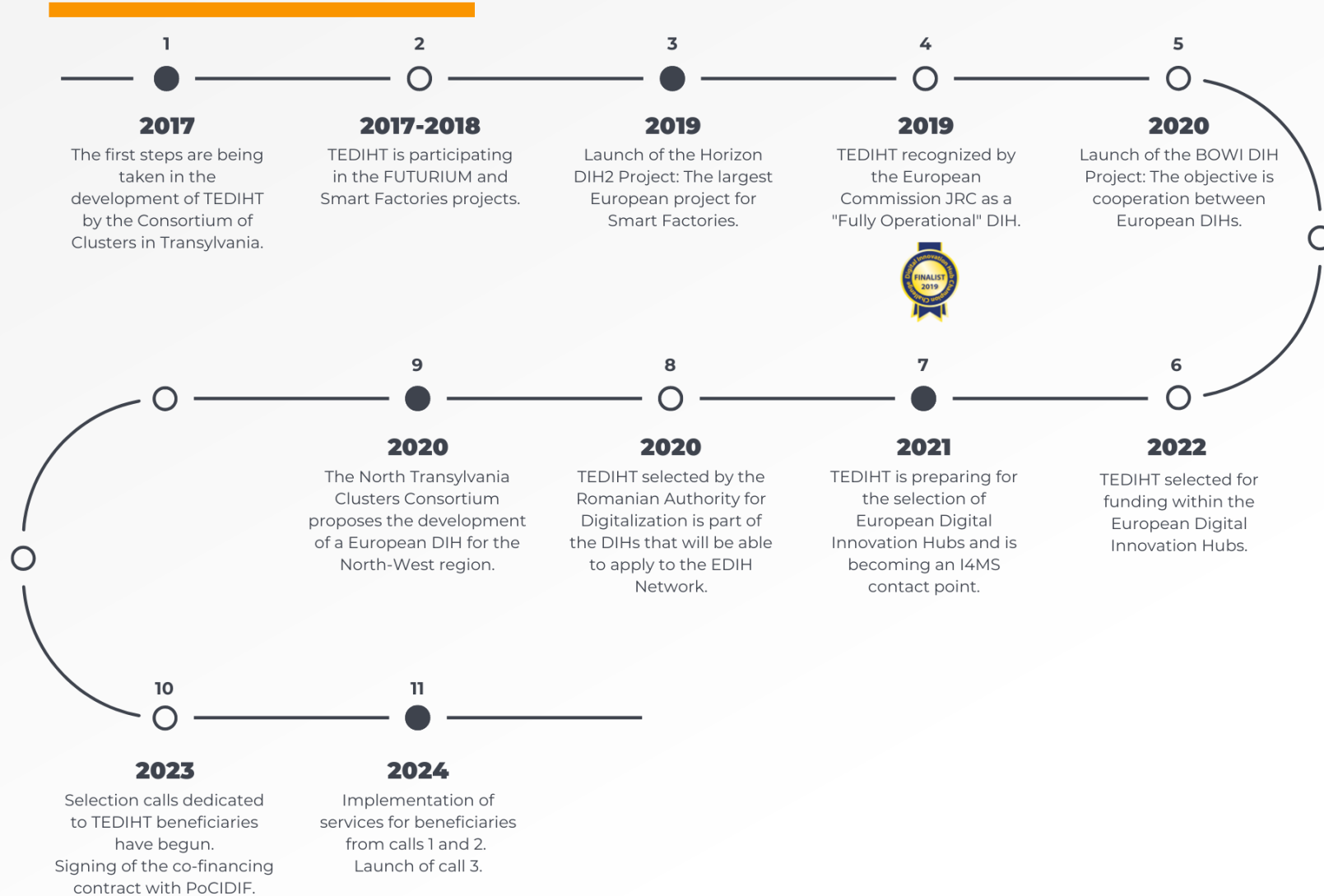
Finalist DIH at the Digital Innovation Hub Champion Challenge 2019 in Madrid. TEDIHT was selected in 2022 for entry into the EDIH network by DG Connect.



TEDIHT is the coordinator of the national network of Romanian DIHs on the DIHNET.EU platform and the initiator of the representative association of DIHs in Romania, RODIH.



TIMELINE



SERVICES PROVIDED BY **TEDIHT**



TEST BEFORE INVEST



**NETWORKING & ECOSYSTEM
BUILDING**



SKILLS AND TRAINING



**SUPPORT TO FIND
INVESTMENT**

- Access to national and international events
- Support in identifying funding sources
- Training and development courses for company employees
- Free services worth up to 120,000 euros



CO-FUNDING

The national co-financing contract for the project was signed on November 23, 2023.

The European Digital Innovation Hub in Transilvania is:

the first project submitted in the national call

the first project approved and invited to start the contracting procedure

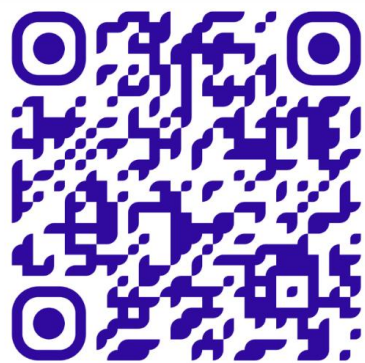
the first project contracted with no. 1_EDIH/23.11.2023



Open calls for services beneficiaries

40 contracts signed in the first
open calls

**3rd OPEN CALL IS
OPEN NOW**



The promotion events for the project and services

Launch Event

Digitalization Exploratorium. Innovative Validation Hackathon – November 24, 2022, Cluj-Napoca



Digital Talks

6 Digital Talk Events – Cluj-Napoca, Oradea & Baia Mare



The promotion events for the project and services

Onboarding events

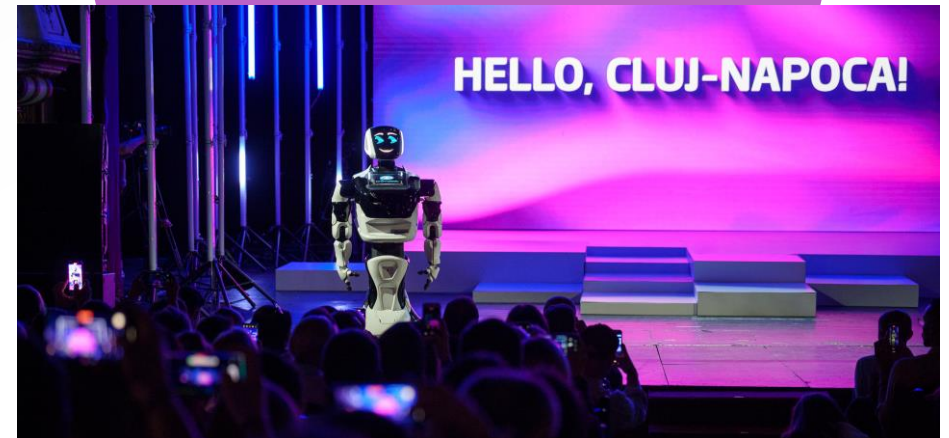
- Digital Mastery Bootcamp
- Onboarding Bootcamp for the 2nd call



International Events

IQ DIGITAL SUMMIT CLUJ, brought to Cluj-Napoca by the Transilvania Digital Innovation Hub - June 14, 2023, Romanian National Opera.

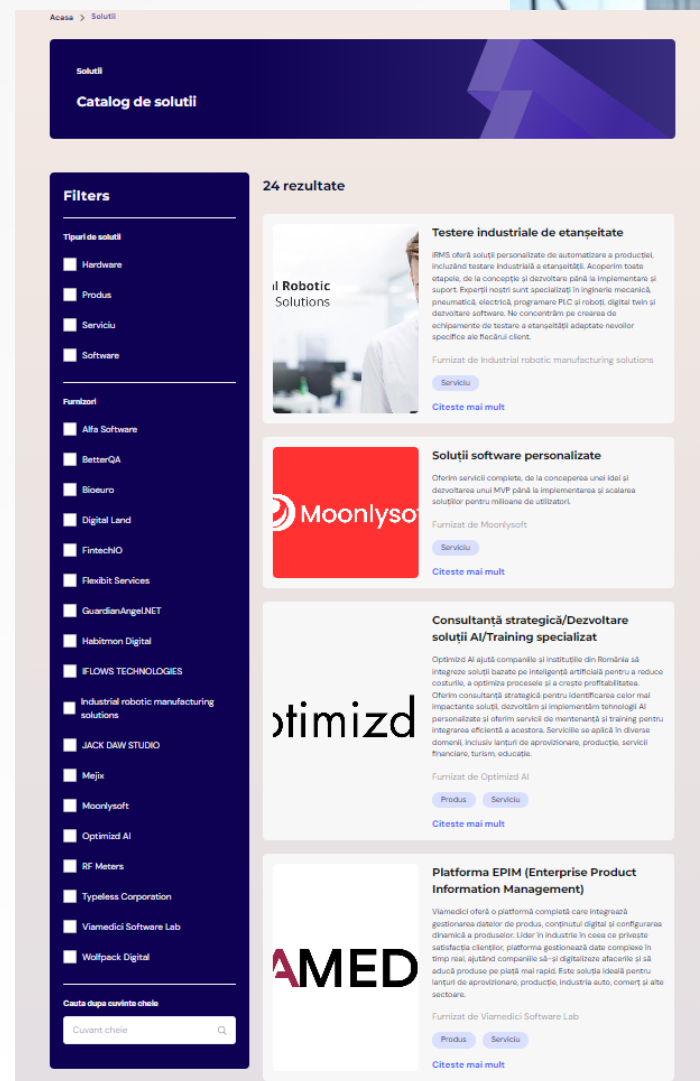
IQ DIGITAL SUMMIT ORADEA, brought to Oradea by TEDIHT – October, 3rd 2024



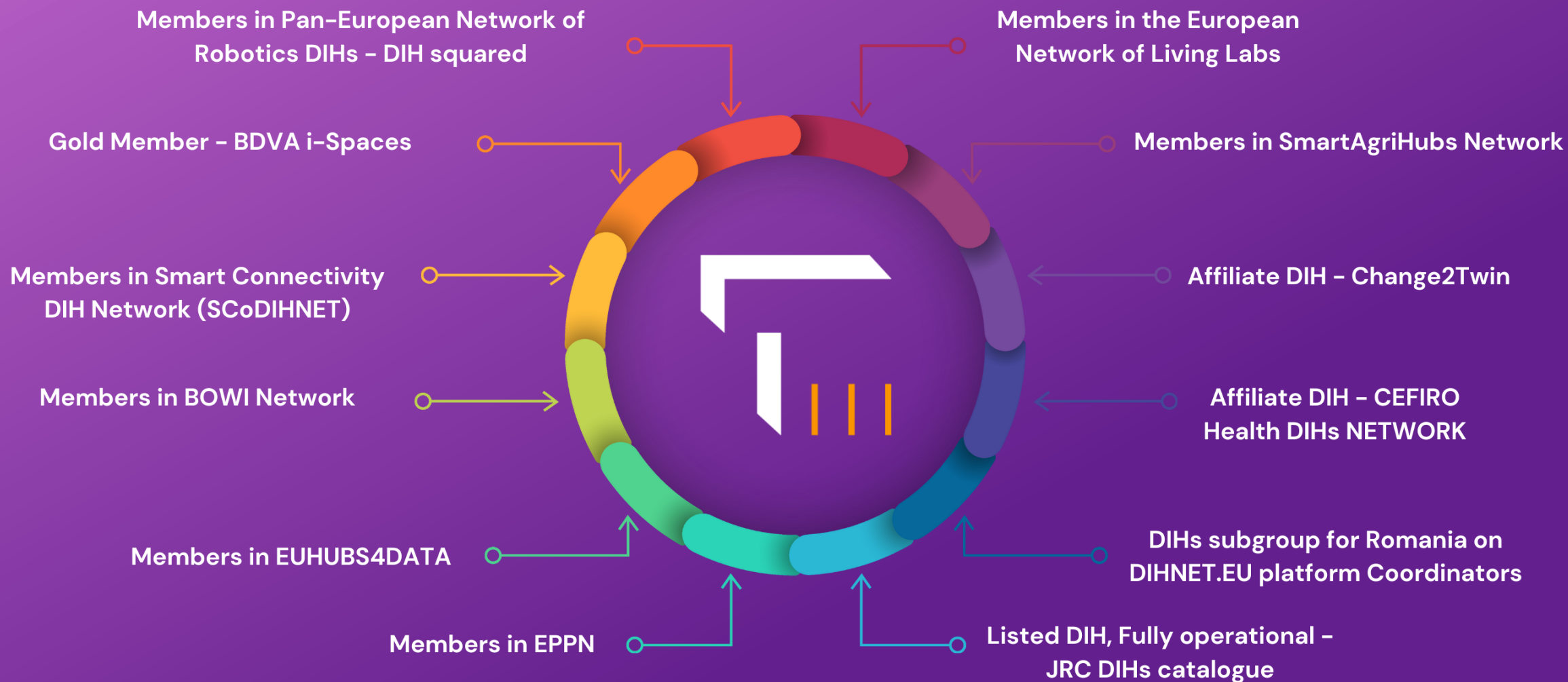
Solutions Catalog for Digital Transformation

The Digital Transformation Solutions Catalog by TEDIHT is now available for all beneficiaries interested in digitalization.

This catalog provides a clear overview of the existing solutions on the market and helps users easily understand their applicability.



Networks



STUDY CASES

Medena Clinic, PSC Automation and CargoTrack.



Study Case:

Medena Clinic

Oradea, Romania

What services did Medena receive from TEDIHT:

Networking and access to events in the regional innovation ecosystem



Matchmaking and brokerage between beneficiaries and providers of digitization and innovation solutions



Digital audit



Mentorship and access to the expertise of business or technical experts



Training or mentorship on basic or advanced digital skills

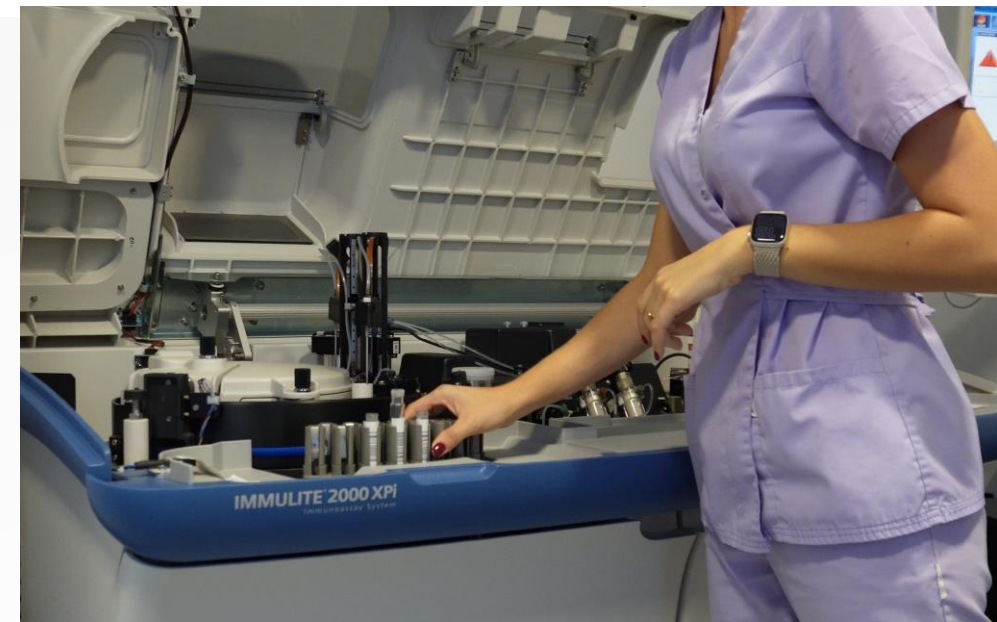


Business mentorship



How **TEDIHT** supported **Medena Clinic** in their digitalization process:

- **Objective:** Medena aimed to automate and digitalize its internal processes.
- **Impact:** The clinic's staff proposed innovative solutions, which were later integrated into research and development (R&D) projects.
- **Benefits:** Streamlined processes, enabling the medical staff to focus more on patient care; Improved patient experience through the adoption of digital tools.



Training Provided

Digital Audit

Business Mentorship

Matchmaking &
Expertise

Future Projects
for the clinic



Study Case: CargoTrack Oradea, Romania

*What services did
CargoTrack receive from
TEDIHT:*

Technical expertise and
resources for solution
expansion and
optimization



Training sessions on
relevant technologies
and methodologies



Mentoring to
support project
development



Access to
advanced
technological
infrastructures



Support in developing
and implementing AI
solutions



Assistance in
accelerating
digitalization and
innovation
processes



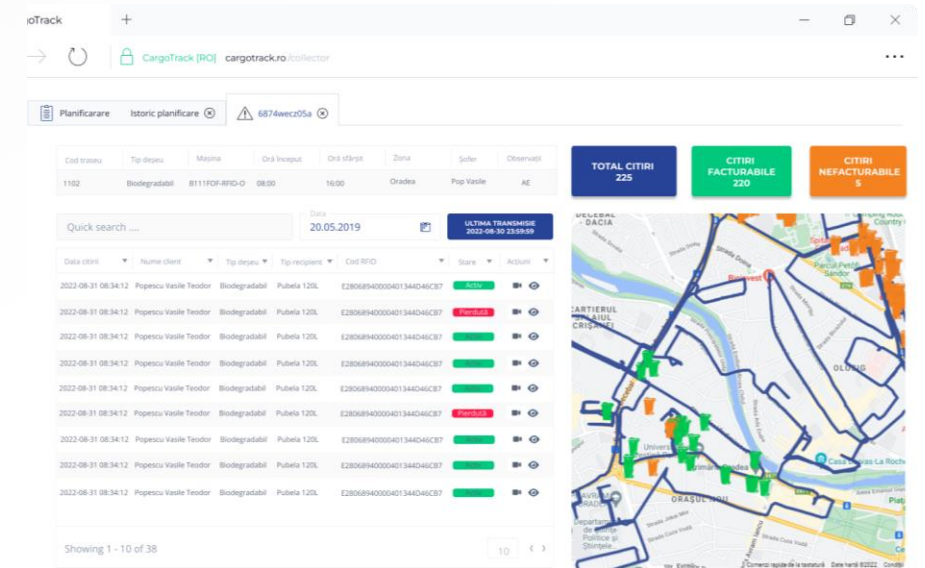
How **TEDIHT** supported **CARGOTRACK** in their digitalization process:

Benefits of Digital Transformation in the Waste Management Industry

Improved Operational Efficiency: The integration of modern technologies allows for optimized collection routes and reduced operational costs.

Sustainability and Environmental Protection: The use of AI algorithms optimizes waste management and minimizes environmental impact, contributing to environmental protection and sustainable development goals.

Transparency and Accountability: The principle of "pay for what you throw away" and the integration of AI ensure increased transparency in the waste collection and management process, facilitating real-time monitoring and reporting of activities.



Study Case:

PSC Automation

Cluj-Napoca, Romania

What services did PSC Automation receive from TEDIHT:

Networking services and access to events within the regional innovation ecosystem



Matchmaking and brokerage between beneficiaries and digitalization and innovation solution providers



Digital audit & training/mentoring on digital skills (basic and/or advanced).



Mentorship and access to business and/or technical expert knowledge



Access to experts, equipment, and digital technologies for prototyping, validation, and access to research laboratories.



Business mentoring and investments.

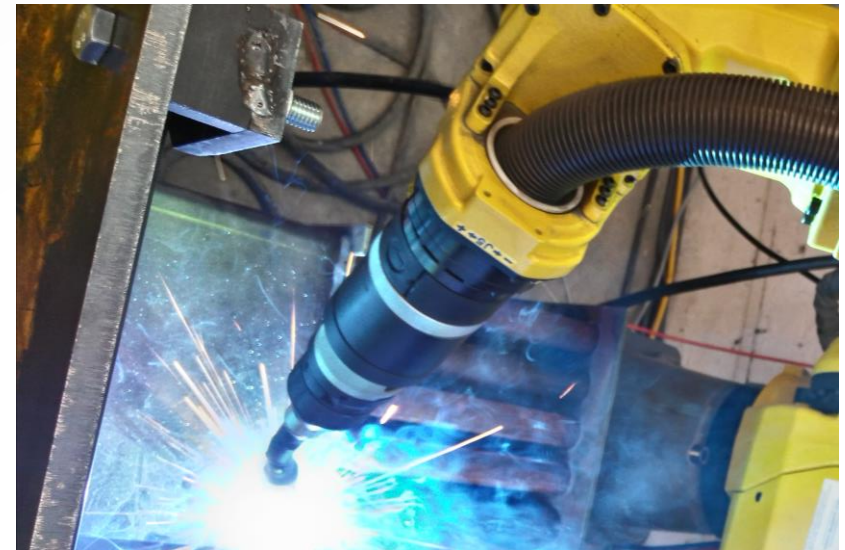
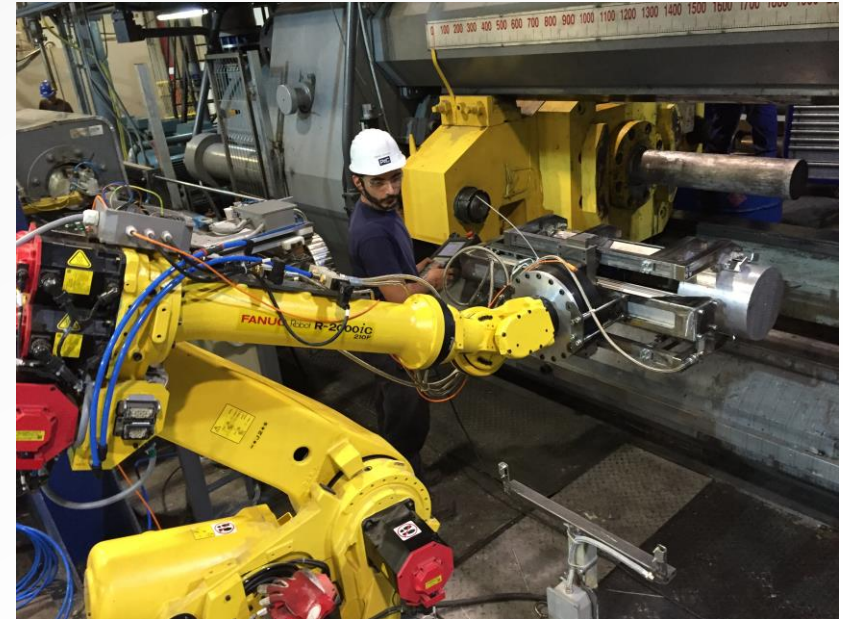


How **TEDIHT** supported **PSC AUTOMATION** in their digitalization process:

- **Objective:** Optimization of processes and preparation for the technological future.
- **Benefits:** Since the partnership is still in its early stages, the company has received information for the automation concept and is set to launch a state-funded project with the support of TEDIHT.
- **Final impact:** The automation solutions will bring significant changes in operational efficiency and cost reduction.

Competitive Advantages: The services provided by TEDIHT help the company define new competitive advantages as it aims to become a major player in Industry 4.0 by supplying robots capable of taking on complex tasks.

Future Support from TEDIHT: PSC Automation will receive mentoring services from TEDIHT in business development and assistance in identifying new funding sources aligned with the company's profile and growth ambitions.





Bianca Muntean

Honorary Consul of Estonia in Romania,
Transilvania IT Cluster Manager &
The European Digital Innovation Hub in
Transilvania Coordinator

bianca.muntean@transilvaniait.ro





www.transilvaniadih.ro
tediht@transilvaniait.ro
Cluj-Napoca, Cluj





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THE EUROPEAN
DIGITAL INNOVATION HUB
IN TRANSILVANIA

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