

EDIH

European Digital Innovation Hubs Network

Driving the EU's digital transformation



Croatia

4

Members

4/4 *EDIHs



20

Sectors

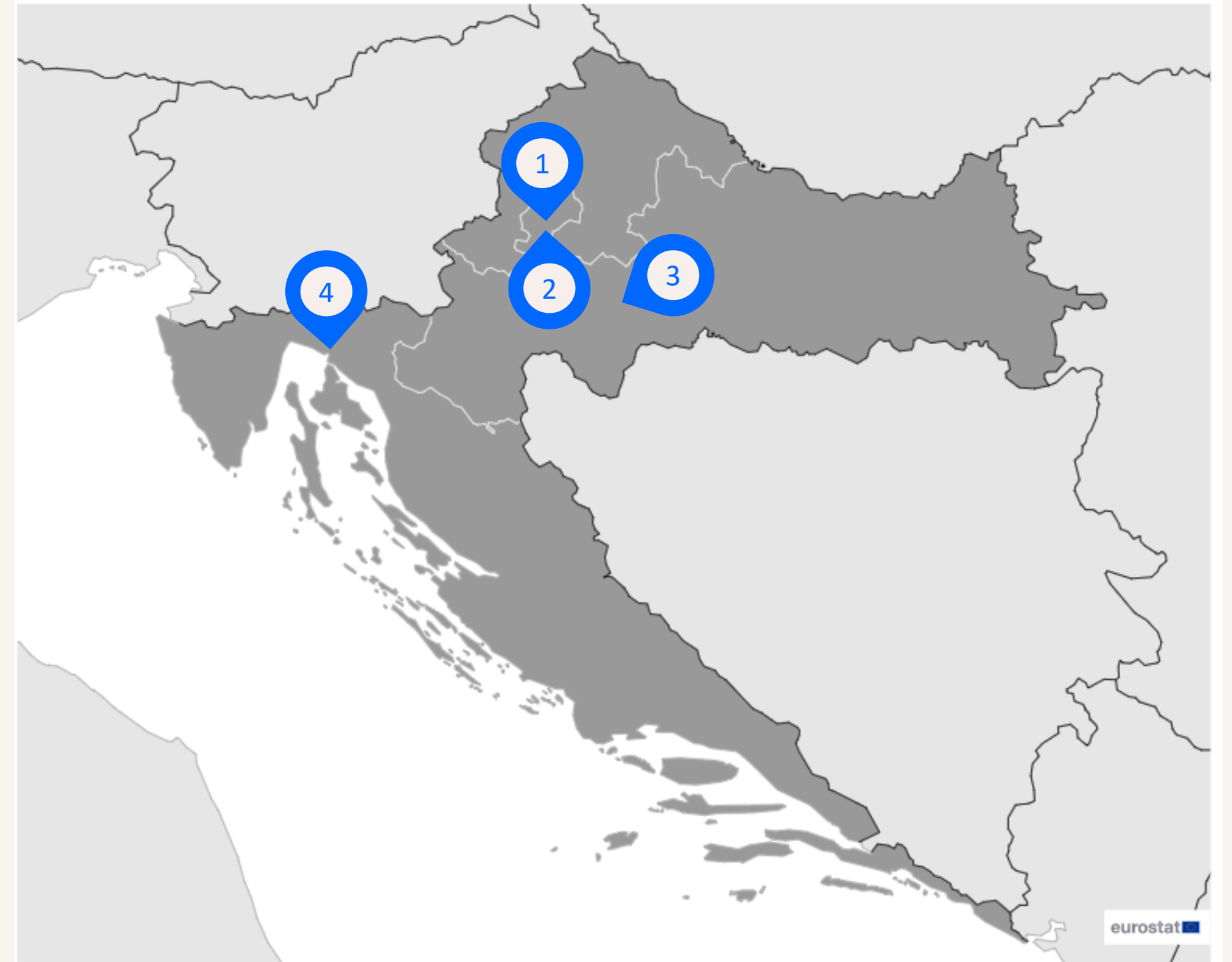
EDIHs in Croatia

Focus on pivotal sectors like manufacturing, construction, and healthcare, underscoring their commitment to propelling digital innovation.

Play a crucial role in advancing innovation in the travel, automotive, and maritime industries, leveraging digital solutions to enhance efficiency and sustainability.

Focus on smart city initiatives, education, and healthcare, while actively contributing to the development of advanced technologies..

EDIH



*European Digital Innovation Hubs

*Funded under Digital Europe Programme

Network overview: 4 members – 4 EDIH



AI4HEALTH.Cro



CROBOHUB++

CROBOHUBplusplus



EDIHADRIA

EDIH Adria



AI & GAMING
EDIH

JURK EDIH



14 Technologies

Leverage AI and decision support, big data, and digital twins for advanced data analytics and simulations across diverse industries.

Lead in high-performance computing, IoT, and robotics, driving intelligent solutions in manufacturing, logistics, and human-computer interaction.

Emphasise cybersecurity, virtual reality, and additive manufacturing, ensuring the security of digital ecosystems and spearheading immersive experiences and innovative production processes.



Services

Demonstrate expertise in technological innovation, delivering advanced solutions tailored for various industries.

Play a pivotal role in innovation through prototyping and technology transfer, effectively translating research findings into practical and applicable solutions.

Prioritise ecosystem building, SME support, and financial services, actively fostering innovation ecosystems, supporting small enterprises, and offering financial assistance for projects.

Success stories

Empowering solar energy through IoT

EDIH



Service type

Test before invest



Challenges

3t.Cable faced a challenge in **scaling its operations** and **maintaining high standards without a comprehensive digital monitoring system**. The company required a solution for real-time monitoring and predictive maintenance of its solar power plants to improve operational efficiency and sustainability.



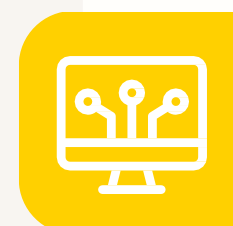
Solutions

- **Ericsson Insulate Platform**: a comprehensive paid solution offering real-time monitoring, energy management, and data visualisation to improve operational efficiency;
- **Node-RED**: an open-source development tool providing flexibility and customisation for monitoring solar power plants without licensing costs;
- **IoT integration**: real-time data collection and analysis through IoT platforms to enable proactive maintenance, optimise performance, and predict potential failures.

CUSTOMER

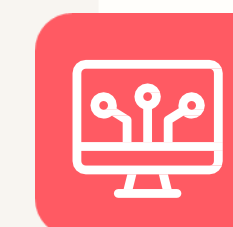
- 3t.Cable
- [Website](#)
- Small-sized enterprise (10-49 employees)

3t.cable



Technologies

Internet of things (IoT)



Sectors

Energy and environment

Success stories

Empowering solar energy through IoT



Thanks to EDIH ADRIA the SME achieved:

- **enhanced operational control:** Adria's IoT integration improved 3t.Cable's solar power monitoring, boosting energy management and efficiency;
- **sustainability leadership:** optimised PV efficiency helped 3t.Cable reduce emissions and strengthen its role in renewable energy;
- **technological leadership:** digital solutions from Adria made 3t.Cable more competitive, enabling it to win larger projects and attract new clients.



Results and benefits

Real-time monitoring

Integrating IoT platforms enabled 3t.Cable to collect continuous real-time data, detect anomalies early, and take proactive actions. This improved system reliability and reduced downtime.

Maintenance efficiency

Predictive analytics allowed for proactive maintenance scheduling, reducing overall maintenance costs and extending the lifespan of photovoltaic (PV) installations. This resulted in higher returns on investment for clients.

Cost efficiency

Automation and streamlined processes reduced manual intervention, lowering labour costs and improving system performance, leading to increased energy output and significant financial savings.



Lessons learnt

- ✓ Selecting the right technology requires a balance between cost, customisability, and ease of use.
- ✓ Ensuring robust internet connectivity and hardware compatibility is crucial for seamless IoT integration.