



EDIH

European Digital Innovation Hubs Network

Success stories from the European Digital Innovation Hubs (EDIH) Network

Digitally transforming businesses just like yours!

Empowering solar energy through IoT

EDIH involved

Customer



EDIHADRIA

EDIH Adria

3t.cable

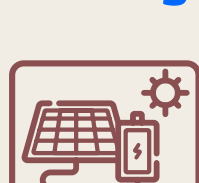
3t.cable

Croatia

> <https://3tcable.hr/>

> SME in the sustainable energy sector

Challenges



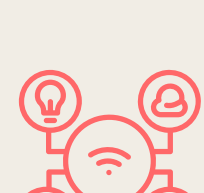
Improve remote monitoring of its solar power plants to streamline maintenance, ensure warranty compliance and predict potential failures

Services



Test-before-invest solutions

Technologies



Internet of Things

Under the guidance of the EDIH Network, 3t.cable successfully:



Explored and tested IoT platforms to manage data from photovoltaic systems in real time.

Benefits

Real-time monitoring

With real-time data from IoT platforms, the company can detect anomalies early, predict potential failures and respond quickly, enhancing reliability.

Maintenance efficiency

The solutions that will be adopted enable a proactive maintenance approach, helping schedule timely interventions, reduce maintenance costs and extend the lifespan of PV installations.

Comprehensive energy management

Advanced tools for data visualisation, analysis and reporting can help 3t.cable optimise energy production, manage energy flows effectively and make informed decisions.

Scalability and flexibility

The open-source nature of one solution ensures it is possible to integrate new systems and technologies as the company grows.

Cost efficiency and ROI

Automation and improved system performance will lower labour costs, operational expenses and increase energy output, boosting revenue or savings for clients.

Customer satisfaction

Enhanced reliability and responsive maintenance should improve customer satisfaction, leading to higher retention rates and an expanded client base.

Technological competitiveness

Embracing digital solutions will position the company as a technological leader in the renewable energy sector.

Sustainability

The company's digital transformation optimises the PV system efficiency, reducing carbon emissions and promoting renewable energy.

20-30%

expected reduction in system downtime



5-10%

expected increase in energy output

15-20%

expected reduction in maintenance costs



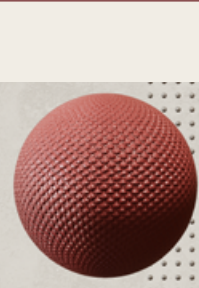
5-10%

expected decline in customer churn

By enhancing the efficiency and reliability of solar power systems, 3t.cable is contributing to the broader adoption of renewable energy.

The implementation of these digital solutions results in higher energy output and lower operational costs, which can make solar energy more affordable and accessible.

The project will expand the company's operations and increase its revenue, having a positive impact on the local economy and on the region's technological advancement.



Discover how the EDIH Network can accelerate your business's digital and sustainable transformation.

Visit the [website](#) & become our next success story!