# DIGITAL ENERGY pilot
# Clean energy and digital innovation

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*Brussels, 18. 2. 2026*

The Greet CE project (n. 101133227) is supported by the
European Unions Interregional Innovation Investments (I3) Instrument.

# Digital Energy Pilot

The Digital Energy Pilot structured interregional cooperation among companies developing digital solutions for energy systems across Central Europe.

It aimed to organise companies into clear value chains, develop cross-border business cases and connect the ecosystem to European investment and funding instruments.

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# Starting point

At the beginning of the pilot, the digital energy landscape in participating regions was characterised by:

- Advanced technological capacity in smart grids, automation and data systems
- A strong presence of innovative SMEs
- Limited cross-border integration
- Predominantly national market orientation
- Weak connection to European funding pipelines

The main challenge was not technology development, but the absence of structured interregional cooperation.

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# Mapping

- 100 companies identified across participating regions
- Structured survey implemented
- In-depth interviews conducted
- Quantitative and qualitative portfolio assessment completed

The mapping phase assessed technology maturity, innovation capacity, cooperation readiness and investment potential.

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# Key findings

**The portfolio demonstrated:**

- Advanced technological solutions in automation, smart grids and data-driven optimization
- A high share of innovative SMEs
- Interest in cross-border cooperation and EU project participation
- Uneven experience in complex EU-funded projects

**Main challenges identified:**

- Limited access to finance
- Limited internal capacity for EU proposal development
- Regulatory complexity
- Insufficient structured cross-border integration

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# Value chains

Manufacturing energy efficiency
Industrial automation and digital optimisation

Electricity and utility networks
Smart grids, flexibility, renewable integration

Digital energy systems
AI forecasting, digital twins, cybersecurity

# Business cases

Energy services for energy communities
CleanWatts

Retail renewable energy with citizen engagement - Coopernico

Energy grid balancing

Cybersecurity resilience in Central European energy communities

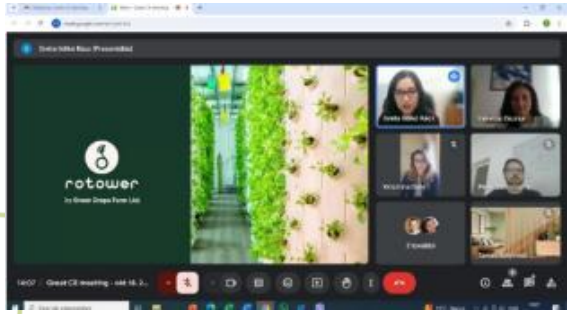
Green hydrogen bus fleets connected through digital twins

# Capacity building & matchmaking

- More than 15 interregional meetings and workshops
- Targeted B2B matchmaking sessions
- Consortium-buildng discussions
- Cluster collaboration platforms
- International matchmaking

These activities enabled:

- Refinement of business cases
- Formation of cross-border consortia
- Preparation of project proposals under I3 and Horizon Europe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# Project synergies and EU proposals

- 6 EU-level project and platform synergies established
- 5 I3 Instrument proposals supported
- 2 I3 proposals awarded
- Additional submissions under Horizon Europe

Support included:

- Consortium building and partner identification
- Technical input and concept development
- Letters of support
- Alignment with call requirements

These results demonstrate that the Digital Energy pilot translated structured cooperation into concrete European funding outcomes.

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Greet CE

# Thank you!

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