

Greenet



The network of Horizon Europe
Cluster 5 National Contact Point.



HE CL5 CALLS PROJECT IDEA PRESENTATION

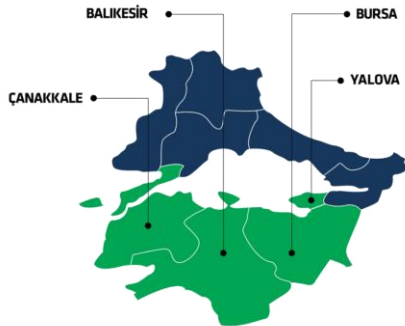
GREENET Brokerage Event
6th May 2025



The GREENET project has received funding from the EU Horizon Europe programme under Grant Agreement No 101069604



- Mehmet KOÇ
- Representing UEDAŞ (Uludağ Elektrik Dağıtım Inc.) – Large Enterprise (LE) – Private Company
- Operating in Türkiye.



We are the DSO of Southern Marmara Region, one of Turkey's leading industrial and economic hubs.

Operating in an area with the size of 35.501km², serving 3.651.540 subscribers with 2.817 employees and a grid length of 54.970 kms.

- Department of Operations and R&D Directorate.
- Our department focuses on innovation in smart grids, renewable integration, energy flexibility, and digitalization. Actively participating in EU-funded projects, contributing technical expertise, real-world data, and pilot sites to support the development of advanced, sustainable energy solutions.
- Aside from regional projects, we participate in following EU funded projects:



- Contact
 - mkoc@uedas.com.tr
 - www.uedas.com.tr

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SECURE-GRID (Smart Energy Cybersecurity and Uninterrupted Resilience for Energy Grid & Storage)

HORIZON-CL5-2025-02-D3-23: Critical elements for energy
security of grid and storage technologies



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PROJECT SCOPE

Ensuring the security, resilience, and sustainability of Europe's energy system is crucial for integrating renewables and stabilizing power grids. The increasing digitalization and decentralization of energy networks heighten cybersecurity risks, necessitating innovative protection strategies.



SECURE-GRID aims to develop AI-powered cybersecurity solutions to detect, mitigate, and respond to threats targeting energy transmission, distribution, and storage systems.

Key innovations include:



Real-time Cyber Threat Detection

AI-driven anomaly detection to neutralize attacks.



Blockchain for Secure Data Exchange

Enhancing resilience against unauthorized data modifications.



Digital Twin Technology

Simulating cyber-attack scenarios to assess vulnerabilities.



Cybersecurity Training & Capacity Building

Strengthening skills for energy security management.

- Proposal Title: SECURE-GRID (Smart Energy Cybersecurity and Uninterrupted Resilience for Energy Grid & Storage)
- Topic: HORIZON-CL5-2025-02-D3-23
- Stage: Early
- Areas Covered: Sustainable, secure and competitive energy supply.

We have keen interest in DSO relevant calls, so we would like to be the coordinator for the proposed project.

- Looking for consortium partners offering expertise in cybersecurity, AI, blockchain, digital twin technology, and energy systems, including research institutions, technology providers, energy communities.

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THANK YOU

We would be pleased to hear from you.



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