



3rd NEWSLETTER | November 2025



As we reach the midpoint of the SynGRID project, the past months have been marked by major achievements, strengthened collaboration across our partner institutions, and growing visibility within the European research and smart-grid community. From the successful First Review Meeting in Zagreb to new scientific contributions, exchanges, and capacity-building events, SynGRID continues to expand its impact across the region. In this edition, we bring you highlights from our mid-term activities, insights from our partners, updates on recent events, and exciting news about upcoming opportunities.

— The SynGRID Team



SynGRID Project Highlights

The SynGRID consortium recently held its **First Review Meeting** at the [Faculty of Electrical Engineering and Computing](#) (FER), in a hybrid format. Partners met in person in Zagreb, while **Project Officer Agne Dobranskyte-Niskota (REA)** and **external reviewer Dr Peter Dreyer**, a Danish expert working in smart-grid and technology strategy, joined online. The meeting provided an overview of activities from the first reporting period and brought constructive feedback that will help guide the next phase of the project.

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Interview Spotlight: Dr Tomislav Antić (FER Zagreb)

Following the Review Meeting, we published an interview with **Dr Tomislav Antić, Senior Researcher** at FER and host of the review. He reflects on FER's role in SynGRID, **from research on smart distribution networks and low-voltage grids to joint project proposals and support for young researchers.**

Describing the collaboration between partners from Croatia, Slovenia and Greece, he notes that *"this project creates an environment of knowledge sharing and constructive suggestions, making the collaboration both*

productive and enjoyable." Looking at the national dimension, he adds that *"some of our results and conclusions will help inform the decisions needed to support Croatia's energy transition."*

"I'm confident that we can achieve excellent results in the remaining period."



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Events

In this section, we highlight key SynGRID activities, both those recently completed and those coming up.

Workshop: From Research to Market – Tools for Successful Technology Transfer

In **October 2025**, the Faculty of Electrical Engineering, Computer Science and Information Technology Osijek (FERIT) hosted the workshop “*From Research to Market – Tools for Successful Technology Transfer*.” Organised by FERIT’s Office for Scientific and Professional Projects in cooperation with UNICO Analytics s.r.o... The event brought together around 40 participants, including researchers, project managers and administrative staff.

With a mix of presentations and practical exercises, participants explored how to turn research outcomes into market-ready solutions and how to collaborate more effectively with industry.



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SynGRID Project Presented at Horizon Europe Conference in Osijek

In June 2025, SynGRID was featured at the **“Demystifying Horizon Europe”** conference organised by FERIT in Osijek, Croatia. The presentation highlighted the project’s objectives, progress and contribution to smart-grid development and drew strong interest from participants.



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SynGRID and Beyond: Innovations for a Decarbonized and Digitized Energy Future

At the beginning of June 2025, the **SynGRID project** was presented at the “IRP-ZT – Green Transition of the Power System – R&D Project” seminar held during the MIPRO Conference in Opatija, Croatia. The event gathered experts from system operators, regulatory bodies, SMEs and academia to discuss challenges and opportunities linked to the ongoing decarbonisation, electrification and digitalisation of the energy sector.

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SynGRID Presents Key Research Contributions at EEM25 in Lisbon

The SynGRID project contributed actively to the [20th European Energy Market Conference](#) (EEM25), held from 27–29 May 2025 in Lisbon, Portugal, where project partners presented four scientific papers.

The presentations covered a broad range of topics central to SynGRID's work: **the potential of PV and EV integration** to improve technical conditions in active distribution networks; insights into market manipulation in **EU energy markets** based on ACER enforcement cases; approaches to **flexibility modelling and pricing in local energy community markets**; and the **value of end-user controllability for improving network operational regimes**. Together, these contributions underline SynGRID's combined technical and regulatory perspective on the future of European energy systems.

All papers are available on our [website](#).



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Upcoming: SynGRID Summer School #2

We are pleased to announce that the second SynGRID Summer School is planned for **April 2026 in Athens, Greece**. The programme will focus on capacity building, knowledge exchange and hands-on learning in the field of smart grids and regional innovation.

More details will be shared soon, please follow our [website](#), [LinkedIn](#) and [X](#) channels for updates.



Supporting Young Researchers: New SynGRID PhD Exchange

In May, an exchange visit between [National Technical University of Athens](#) and [IRI UL](#) brought PhD student Alexandros Chronis to Ljubljana for a three-week research stay. During the visit, Alex focused on identifying suitable EU funding opportunities for future joint research and explored modelling approaches for virtual net billing mechanisms in the Greek electricity market.

Reflecting on the exchange, he noted that it was *“a great opportunity to align our work on energy systems and energy policy, and to share insights on digital energy transitions.”*



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Strengthening Research Capacity at FERIT

We are pleased to share that, following the Croatian Science Foundation call **“Young Researchers’ Career Development Project – Training of Doctoral Students” (DOK-2025-02)**, FERIT will employ **two new research assistants** for a period of six years.

Their research will be carried out within the SynGRID project, contributing to the development of two doctoral theses and further strengthening scientific capacity in the field of smart grids and energy transition. We believe this is excellent news for both FERIT and the SynGRID consortium, supporting long-term expertise and innovation in the region.

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