

# PANTERA Workshop

*Within the CANDO EPE 2022 conference*

<http://conf.uni-obuda.hu/Kando2022/>

## Boosting the R&I activity on Smart Grid Technologies

Strengthen of regional activity in R&I facilitated by the European EIRIE platform

Budapest, Hungary

21<sup>st</sup> November 2022 at 14:00 – 17:00 CET

*Venue: Óbuda University Józsefváros Campus, Tavaszmezo utca 17, H-1084 Budapest*

Hungary is actively working towards the success of the energy transition objectives and implementation of declared policies for achieving the low carbon economy. Yet, together with other less involved countries it shows low participation in research and innovation (R&I) activities and the realisation of the European Union's Strategic Energy Technology (SET) Plan Implementation Plans. As a consequence, and compared to more successful Member States it has received only a marginal contribution of EU R&I Horizon 2020's budget. Thus:

- R&I activities in the field are weaker calling for more national and European support to raise opportunities, bring closer to the wealth of EU knowledge and offer the means to address local needs with the support of the industry and broader communities.
- Enabling technologies like digitalisation, storage, smart grids, e-Mobility and reliable communications are not adequately addressed to facilitate the much-wanted transition for the effective use of emerging technologies that include distributed RES, e-mobility with smart charging, V2G and demand flexibility.
- End users and citizens are not adequately empowered through codes, appropriate regulation and market instruments to build and operate effective energy management systems utilizing the emerging technologies that can grow into efficient energy communities with appropriate technologies in place to facilitate optimal use of local resources for the benefit of the citizens.

**In this context, PANTERA steps in with the objective to enhance collaboration in R&I activities in Hungary, facilitate knowledge exchange and showcase best practices of how international networking and cooperation between national stakeholders and key international associations and organizations can be beneficial for establishing long-lasting interactions and fostering joint R&I activities.**

**The workshop aims to bring the stakeholders of Hungary actively participating in the workshop to address all the above issues and together try to pave the way forward for helping the country to move faster toward the much-wanted energy transition to the low carbon economy.**

### PANTERA and the EIRIE platform

*PAN European Technology Energy Research Approach (PANTERA) is an EU H2020 project aimed at setting up a European forum composed of R&I stakeholders active in the fields of smart grids, storage and local energy systems, including policy makers, industrial stakeholders, standardisation bodies and experts in both research and academia, representing the EU energy system (<https://pantera-platform.eu/>). The long-term objective of PANTERA is to strengthen EU clean energy R&I activities with special focus on the countries that appear to be less involved.*

*To reach these goals, PANTERA launched an interactive multi-functional collaborative platform EIRIE that stands for European Interconnection for Research Innovation & Entrepreneurship (<https://ses.jrc.ec.europa.eu/eirie/en>). EIRIE vision is to become a reference operational point to unify European activity, incentivise further investments in smart grids and support access to exploitable results that can spark further cooperation and bridge existing gaps.*

## Agenda

Time (CET)	Topics	Description	Presenter
14:00 14:20	Research opportunities	Country strategy boosted by R&I: How?	Venzelos Efthymiou <i>PANTERA project coordinator - FOSS</i> Mattia Cabiati <i>PANTERA project - RSE</i>
14:20 14:30	Hungary: R&I landscape	Hungarian experiences in EU funded programs and NCEP in support to the country energy transition	Orsolya Küttel <i>Hungarian NCP for HEU cluster 5</i>
14:30 14:40	Hungary: R&I landscape	Support for a successful participation in EU project: strengths and gaps. The BME experience.	Borbala Schenk <i>Chief European Research Funding Advisor at BME</i>
14:40 15:30	The promise of EIRIE!	EIRIE, the multifunctional platform that can make the difference: Why EIRIE? What added value it brings and how you can benefit!!!	Venzelos Efthymiou - FOSS Georgios Yiasoumas - FOSS <i>Interactive dialogue on expectations from EIRIE</i>
15:30 16:00	<b>Coffee Break</b>		
16:00 17:00	Panel Discussion and Q&A session	How to accelerate the R&I activities of Hungary in achieving energy transition? <ul style="list-style-type: none"> <li>• Research Collaboration</li> <li>• National regulations</li> <li>• Policy issues</li> <li>• Financing opportunities</li> </ul>	<b>Moderators:</b> Andrei Morch - SINTEF Georgios Yiasoumas - FOSS <b>Panelists:</b> Ferenc Molnár <i>Advisor of Deputy CEO at MVM</i> Holcsik Péter <i>Grid Development Specialist at MVM Émász</i> Norbert Boross <i>Honorary associate professor, former Director Regulatory Issues and Corporate Communication at ELMŰ-ÉMÁSZ</i>
17:00 17:05	Closing Remarks	Wrap up giving emphasis to the outcomes of the workshop	Venzelos Efthymiou <i>PANTERA project coordinator - FOSS</i>