

PANTERA Workshop

Boosting the R&I activity on Smart Grid Technologies

Topic: Empowering Energy Citizens and Communities towards the Decarbonisation of “Energy Island”

Country: Cyprus

Workshop Co-chairs: Dr Venizelos Efthymiou and Dr Shafi Khadem

IEEE Smart Cities Conference 2022 – 27th of September 2022 from 9:00 to 12:30 hrs EEST

Cyprus is an active member of the EU since 1st May 2004 and actively works in the success of the energy transition objectives to achieve the declared policies for achieving a low carbon economy. However, the following areas are still a concern in achieving carbon neutrality and we would like to address them in this workshop that brings together stakeholders in the field of smart grids, storage and local energy systems:

- R&I activities in the field are weak 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 and V2G attributes 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.

The workshop aims to bring the stakeholders of Cyprus 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.

Time (CEST)	Topics	Description	Presenter
9:00 9:20	The PANTERA project and the regional approach	Opening the workshop and setting the scene for open dialogue on the role of the PANTERA process for helping Cyprus to grow stronger in sustainable energy R&I	Dr. Venizelos Efthymiou(FOSS)
9:20 9:40	Cyprus: Energy and R&I landscape	Cyprus’ Integrated National Energy and Climate Plan for the period 2021-2030 and beyond	Natasa Pilides, Minister of Energy (TBC)
9:40 10:00	The Repowering Europe process & the Green Deal	The EU roadmap for RES, now not only expected to reduce fossil fuel-based electricity generation but to also significantly contribute to green hydrogen production to lower dependence on natural gas imports	Mario Dionisio, European Commission (TBC)
10:00 10:30	EIRIE at your service	EIRIE, The multifunctional platform that can make the difference: Step by step introduction to its capabilities that serve your needs	Mr. Tasos Tsitsanis (Suite5), Dr Shafi Khadem (IERC) and Dr Kyriaki Psara (FOSS)
10:30 11:00	Break		

<p>11:00 12:20</p>	<p>Panel Discussion and Q&A session</p>	<p>How to accelerate the R&I activities of Cyprus in support of the energy transition?</p> <ul style="list-style-type: none"> • Research Collaboration • National regulations • Policy issues • Financing opportunities • good practice 	<p>Moderator: <i>Venizelos Efthymiou</i> Panelists (TBC): <i>Natasa Pilidi (Minister)</i> <i>Anreas Poullikkas (CERA)</i> <i>Stavros Stavrinos (TSOC)</i> <i>Tasos Gregoriou (DSO)</i> <i>Makis Ketonis (Cyprus Hydrogen)</i></p>
<p>12:20 12:30</p>	<p>Closing Remarks</p>	<p>Wrap up giving emphasis to the outcomes of the workshop</p>	<p>Dr Kyriaki Psara (FOSS)</p>