

# 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 – 27<sup>th</sup> of September 2022 from 14:00 to 17:30 hrs EEST**

Cyprus is an active member of the EU since 1<sup>st</sup> 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
14:00 14:20	The PANTERA project and the regional approach	Opening the workshop and setting the scene for open dialogue on the role of the PANTERA process in helping Cyprus to grow stronger in sustainable energy R&I	Dr. Venizelos Efthymiou(FOSS)
14:20 14:40	Cyprus: Energy and R&I landscape	Cyprus’ Integrated National Energy and Climate Plan for the period 2021-2030 and beyond: Opportunities.	Mr Charalambos Rousos Director of Department of Energy of the Ministry of Energy, Commerce and Industry,
14:40 15:00	R&I in support of the Green Deal	R&I is critical in getting out of the energy crisis in Europe: The importance of leaving no one behind..	Mrs Natalie Samovich, ETIP SNET
15:00 15:30	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)
15:30 16:00	<b>Coffee Break</b>		

<p>16:00 17:20</p>	<p>Panel Discussion and Q&amp;A session</p>	<p>How to accelerate the R&amp;I activities of Cyprus in support of the energy transition?</p> <ul style="list-style-type: none"> <li>• Research Collaboration</li> <li>• National regulations</li> <li>• Policy issues</li> <li>• Financing opportunities</li> <li>• good practice</li> </ul>	<p><b>Moderators:</b> <i>Venizelos Efthymiou and Andrei Morch (FOSS, SINTEF)</i></p> <p><b>Panelists:</b> <i>Venizelos Venizelou (CERA)</i> <i>Alexandros Nikolaidis (TSOC)</i> <i>Natalie Samovich (ETIP SNET)</i> <i>Phivos Therapontos (DSO)</i></p>
<p>17:20 17:30</p>	<p>Closing Remarks</p>	<p>Wrap up giving emphasis to the outcomes of the workshop</p>	<p>Dr Rad Stanev (TUS)</p>