

Workshop – May 19th 10:00-13:00 CEST – online

Flexibility solutions for resilient carbon-free energy systems

Join this CETPartnership workshop exploring the flexibility and resilience of future energy systems hosted by Transition Initiative 1 (TRI 1).

The event includes two sessions bringing together relevant projects to present their latest activities and results and to engage in discussion with leading experts in the field.

The outcomes will support both ongoing project work and the further development of CETPartnership, helping to align future Joint Calls and initiatives with the latest knowledge and emerging R&I needs for a carbon-free, resilient energy system.

[Register here!](#)

Agenda

10:00-10:05	Welcome	
10:05-10:15	Introduction <i>Features of a carbon-free energy system - a Vision towards 2050</i>	Michele de Nigris, co-chair SET Plan IWG4
10:15-11:15	Session 1 <i>The issue of efficient network management - Flexibility solutions such as smart grids, storage and flexible loads</i>	Keynotes by <ul style="list-style-type: none"> • Enrica Micolano, RSE • Turhan Hilmi Demiray, PATHFNDR CETPartnership Projects presentations <ul style="list-style-type: none"> • Rafael Eduardo Carrillo Rangel, CoPress • Rabea Sandherr, DSM4Islands • Pio Alessandro Lombardi, FlexBIT • Lukas Franken, RESILIENT Discussion
11:15-11:25	Coffee break	
11:25-12:25	Session 2 <i>The specific issue of power system stability in situations of reduced inertia</i>	Keynote by Venizelos Efthymiou, ETIP SNET CETPartnership Projects presentations <ul style="list-style-type: none"> • Marc Cheah, FLEXDIS • Danilo Obradovic, NU-ACTIS • Josep Fanals, TenSyGrid • Aleksandra Lekić, MITIGATE-HARM Discussion
12:25-12:35	Coffee break	
12:35-12:50	<i>Cyber-physical resilience to climate and human-related threats: challenges, gaps and possible AI utilisation</i>	Keynote by Roberto Magnani, AEIT Milan counsellor and Director of Innovation and Digital Transformation in ENIA®
12:50-13:00	Presentation of CETPartnership CM2026-01 Conclusions	Michele de Nigris, CETPartnership TRI 1 Lead