ECOS 2023

Efficiency, Cost, Optimization, Simulation and Environmental Impact of energy systems conference

June 25-30, 2023, Las Palmas de Gran Canaria

REMOTE H_2

Decarbonising off-grid and remote communities through hybrid hydrogen-battery storage systems: the experience from the REMOTE project

Held in the framework of the 36th international ECOS conference

Thursday **June 29th, 2023 | 9.00 am** to **1.00 pm**

Auditorio Alfredo Kraus, Las Palmas de Gran Canaria

Join us

Register here

Join us in streaming*

Register here

*Online participation is free of charge

Find more about the project!

The project is supported by the Clean Hydrogen Partnership and its members Hydrogen Europe and Hydrogen Europe Research.
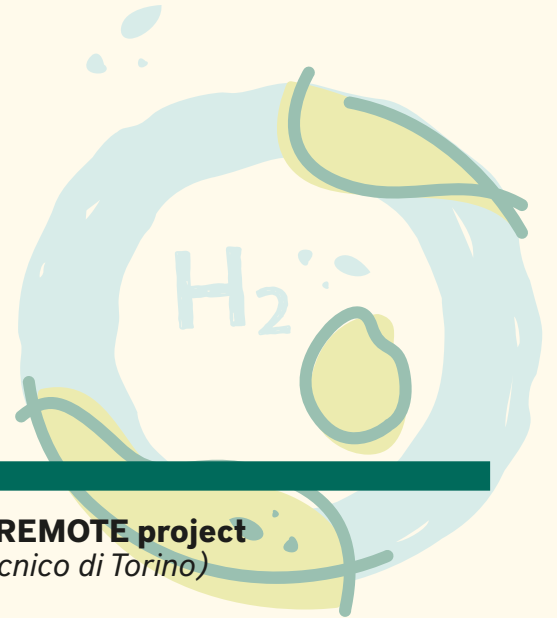
Politecnico di Torino 1859

Clean Hydrogen Partnership

Co-funded by the European Union

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Agenda

09.00 - 09.20   **Hydrogen and its role in P2P systems: the REMOTE project**
Massimo Santarelli, Project Coordinator (Politecnico di Torino)

09.20 - 09.40   **Hydrogen role in the EU energy transition**
Dionisis Tsimis, Project Officer (Clean Hydrogen Partnership)

09.40 - 10.40   **Results from the REMOTE DEMO sites**

DEMO Norway	09.40 - 10.00	*Bernhard Kvaal (TronderEnergi/Aneo)*
DEMO Greece	10.00 - 10.20	*Alexandros Kafetzis (CERTH)*
		Kyriakos Panopoulos (CERTH)
		Stella Chatzigavriel (Horizon)
DEMO Spain	10.20 - 10.40	*Laura Villacian Pascual (Inycom)*

10.40 - 10.50   Q&A Session

10.50 - 11.20   Coffee Break

11.20 - 11.40   **Performance of hybrid hydrogen-battery storage systems for isolated communities: data from the field experience**
Domenico Ferrero (Politecnico di Torino)

11.40 - 12.00   **Optimal sizing of off-grid renewable-based multi-energy systems**
Paolo Marocco (Politecnico di Torino), Kyrre Sundseth (SINTEF)

12.00 - 12.20   **Control strategies for off-grid renewable-based energy systems**
Alexandros Kafetzis (CERTH), Kyriakos Panopoulos (CERTH)
Stella Chatzigavriel (Horizon), Santiago Díaz Ruano (ITC)

12.20 - 12.40   **Environmental assessment of off-grid renewable-based energy systems**
Kyrre Sundseth (SINTEF), Marta Gandiglio (Politecnico di Torino)

12.40 - 12.50   **The REMOTE experience: conclusions & next steps**
Massimo Santarelli, Project Coordinator (Politecnico di Torino)

12.50 - 13.00   Q&A Session

For more information: remote@polito.it

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