



# HYBRIS

Enhanced Hybrid Storage Systems

## Workshop on energy storage and its crucial role in the energy transition with focus on hybrid solutions



### What to expect?

The first HYBRIS workshop will offer insights on a new generation of battery-based hybrid storage solutions for smarter, sustainable and more energy efficient grids, with focus on two of the best energy storage technologies available: Lithium Titanate (LiTO) and Aqueous Organic Redox Flow (AORF) batteries.

**23rd June 2022**

In-person & Online event at Messina, Sicilia

More information on HYBRIS EU Project and this hybrid event at:

<https://hybris-project.eu/>



@HybrisEU



/company/hybris-project



The workshop venue:  
**Fondazione Horcynus Orca – MACHO**

Address: Edificio ex Tiro a Volo, Torre Faro, 98164 Messina (Sicilia)

Attendees are invited into the MACHO – Museum of Contemporary Art Horcynus Orca to participate in the event. This unique and scenic venue is located in the City Torre Faro in Messina and is part of the eponymous Messina Park that overlooks the Strait of Messina. The MACHO is housed in a nineteenth century fort inside the park itself. The workshop will be also broadcasted on-line.

- 9:00 h** ● **Welcome session**  
GIACOMO PINAFFO – Project Manager at Fondazione di Comunità di Messina
- 9:15 h** ● **KEYNOTE: EERA JP Energy Storage and Stories project: the hybrid battery technologies**  
Dr. MARCO FERRARO – Member of EERA JP Energy Storage Management Board and representative of the ‘Stories’ project on batteries infrastructures, Lead researcher at Institute for Advanced Energy Technologies ‘Nicola Giordano’ of CNR
- 9:30 h** ● **Overall view of the HYBRIS project**  
MIKEL BORRÀS – Innovation PMO Manager at IDP
- 9:45 h** ● **Lithium Titanate Batteries**  
FABIO MUZIO – Project Manager at Balcke-Dürr Energy Solutions  
**Messina pilot introduction**  
Dr. FRANCESCO SERGI – Researcher at CNR-ITAE
- 10:20 h** ● **Aqueous Organic Redox Flow Batteries**  
GUILLAUME OZOUF – Engineer at Kemiwatt
- 10:40 h** ● **Battery modelling principles & Advanced BMS services**  
TOM DOLLFUS – Project Manager Storage System at CEA-Liten
- 10:55 h** ● **Optimization of the HESS power conversion architecture**  
Dr. ALBER FILBÀ – Postdoctoral Researcher at IREC
- 11:15 h** ● **Q&A**  
Moderated by GISELA SOLEY – Innovation PMO Manager at Comet Global Innovation
- 11:30 h** ● **Closure**



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