



THE CYPRUS
INSTITUTE

RESEARCH•TECHNOLOGY•INNOVATION



WORKSHOP ON ENERGY STORAGE

THE ROLE OF ENERGY STORAGE FOR DECARBONIZING THE
EASTERN MEDITERRANEAN AND MIDDLE EAST

WORKSHOP PRECEDING THE INTERNATIONAL CONFERENCE "CLIMATE CRISIS IN THE EASTERN
MEDITERRANEAN AND THE MIDDLE EAST"



25 SEP 2024

09:00 - 14:00

@ ANDREAS MOUSKOS AUDITORIUM
THE CYPRUS INSTITUTE

MAIN TOPICS

- TECHNOLOGIES & INTEGRATION
- SHORT AND LONG-DURATION
- MARKET INTEGRATION
- CASE STUDIES

GOOGLE MAPS [LINK](#)

RSVP BY 13/09/24:
N.FYLAKTOS@CYI.AC.CY

AGENDA

25 SEPTEMBER

2024

9:00	Welcome address	Stavros Malas, President, The Cyprus Institute
9:05	Introduction: The role of energy storage technologies in zero-carbon energy systems	Andreas Poullikkas, Chair, Cyprus Energy Regulatory Authority
9:15	Technology overview: Electricity storage	George Georgiou, University of Cyprus
9:30	Technology overview: Storage in other media	Nestor Fylaktos, The Cyprus Institute
9:45	Issues in the electricity system of Cyprus and the role of electricity storage	Vrahimis Koutsoloukas, Cyprus Transmission System Operator
10:00	Electricity storage and market integration, the experience of Greece	Pantelis Biskas, Aristotle University of Thessaloniki
10:15	Energy storage in Jordan and the potential of nuclear energy to serve as a key technology for the stability of the electricity grid	Kamal Araj, formerly at Jordanian Atomic Energy Commission
10:30	Discussion Panel	
10:50	Break	
11:20	Hydrogen as a Long-Duration Energy Storage option	João Gorenstein Dedecca, Trinomics
11:35	Synthetic Liquid Molecules as an Energy Storage Medium	Bassam Dally, King Abdullah University of Science and Technology
11:50	Energy Storage and sector coupling	Wojciech Lipinski, The Cyprus Institute
12:05	Case Study: PROTEAS and storage in a hybrid electricity /heat system	Nestor Fylaktos, The Cyprus Institute
12:20	Case study: BaroMar Compressed Air Storage	Yonadav Buber, BaroMar
12:35	Case study: KEAN Solar Thermal Energy System	Raphaela Agathokleous, Cyprus University of Technology
12:50	Synthesis Discussion Panel	
13:05	Q&A	
13:30	Reception	
