

StoRIES SUMMER SCHOOL 2023

‘REPOWEREU AND THE NEED FOR ENERGY STORAGE IN EUROPE’

The first StoRIES Summer School entitled "REPowerEU and the need for energy storage in Europe" will be held at the **Cyprus Institute in Nicosia (Athalassa Campus) and in the Energy Institute of the Cyprus Institute PROTEAS** from **29 May to 1 June 2023**. The main objective of the Summer School is to provide and exchange knowledge on the importance of energy storage in Europe. Experts will share insights on the issues related to energy storage, including needs, existing and future technologies, hybridisation, sustainability, legal issues and economic parameters. A draft schedule of the Summer school can be found below.

Monday, 29th May	Tuesday, 30th May (Nicosia)	Wednesday, 31st May (PROTEAS)	Thursday, 1st June (Nicosia)
Travelling	9:00 Lectures: <ul style="list-style-type: none"> • Welcoming • Introduction- Stefano Passerini, University La Sapienza • EU and global green strategy- Ivan Matejak, EERA aisbl 	8:30 Bus from Nicosia to PROTEAS 9:30 Visit of PROTEAS	9:00 Working in groups: What is needed on Energy Storage in EU?
	10:45 Coffee break	11:00 Coffee break	10:45 Coffee break
	11:15 Lectures <ul style="list-style-type: none"> • Why energy storage is needed? Available Energy Storage technologies and their applications- Linda Barelli, Uni Perugia • Eni'vision for Storage in the Energy Transition -Laura Meda, Eni 	11:30 Students short talks (ca. 5' + 5') + exchange	11:15 Presentation of the results of the group work
	13:00 Lunch	14:00 Lunch	13:00 Lunch
	14:00 Lectures <ul style="list-style-type: none"> • Novel approaches in meta-data management and ontologies for high value clean energy use-cases, Kourosh Malek, FZJ • A sustainability perspective on energy storage technology, methods, challenges and prospects -Manuel Baumann, KIT 	15:00 Free afternoon at the beach	14:00-18:00 StoRIES PM-4
	15:30 Coffee break		
	16:00 Lectures <ul style="list-style-type: none"> • Hydrogen in isolated energy systems - an energy systems perspective – Nestor Fylaktos, Cyl • Micro-grids and hybrid storage systems: The PROTEAS case study – Alaric Montenon, Cyl 		
20:00 – 22:00 Informal ice-breaking event in Nicosia	18:00 Guided Tour in Nicosia 20:00 Summer School Dinner	19:30 Dinner close to PROTEAS 22:00 Bus to Nicosia	19:00 StoRIES Dinner