

# POWERING THE FUTURE



Innovations in Modular and Sustainable Energy Storage with the HAVEN, SMHYLES and HIHELIOS EU Funded Projects.



**DATE: APRIL 4, 2025**

**TIME: 10:00 – 11:00 AM**



**Funded by  
the European Union**



**HiHelios**  
Demonstrating a High-energy and High-power hybrid battery storagE soLutionS platform for multiple grid services



THANK YOU FOR JOINING US FOR THE WEBINAR:  
“POWERING THE FUTURE: INNOVATIONS IN MODULAR  
AND SUSTAINABLE ENERGY STORAGE”

INTRODUCING YOUR HOST  
**DR. DANIEL KIESSLING**

Daniel Kießling PhD  
Scientific Officer  
Unit: Information & Communication Technologies |  
Engineering & Natural Sciences



# AGENDA

Project Presentations (*10 minutes each*)

- HAVEN Project
- SMHYLES Project
- HIHELIOS Project

Panel Discussion with our experts (*20 minutes*)

- Topic: Opportunities & Challenges in Hybrid Energy Storage Systems

Q&A Session (*10 minutes*)

Closing Remarks & Thanks

# WEBINAR GUIDELINES

- Please keep your microphones muted throughout the session to avoid background noise.
- Type your questions in the comments section at any time.
- Questions will be reviewed and addressed during the dedicated Q&A session at the end of the webinar



# PROJECTS

01

## HAVEN

Smart, Modular, and  
Scalable HESS



02

## SMHYLES

Safe, Sustainable, and  
Modular Hybrid Storage



03

## HIHELIOS

High-Energy and High-Power  
Hybrid Storage



# PANEL EXPERTS



**Linda Barelli**  
Associate Professor at  
University of Perugia



**Andrey Gubina**  
Director of Institute for  
Innovation and Development,  
University of Ljubljana



**Peter Fischer**  
General Manager - Green Transformation  
Department at Sumitomo Electric  
Industries Automotive Europe GmbH



**Olivier Dellea**  
Research Director  
at CEA



**Yves-Marie Bourien**  
Research Engineer in  
Stationary Storage  
technologies at CEA



**Edoardo Gino Macchi**  
Head of Battery and  
Electrification Technologies unit  
at Fondazione Bruno Kessler



**Christopher Haruna**  
Technical Project  
Manager at BRING

# Q & A SESSION

10 minutes

# THANK YOU



[havenproject.eu](http://havenproject.eu)



[smhyles.eu](http://smhyles.eu)



Hihelios website coming soon