

# 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**



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the European Union



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 |  
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# 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



**Andrej 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](https://havenproject.eu)

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

 Hihelios website coming soon