

## Digital Workshop

# Exploring social dimensions of sustainability in emerging battery technology research

**Schedule** 31<sup>st</sup> May 2022 9:30 am– 1:00 pm

### WS aim & expectations

Within this digital mapping workshop, the Social Sciences and Humanities (SSH) integration into Clean Energy Transition on the example of emerging battery technology research will be explored. The event aims to bring together researchers from different scientific fields to map approaches for the social dimensions of sustainability.

**Why?** is the interconnection of SSH and CET/battery research important?

**What?** are the terminology ambiguities: sustainability and social aspects should be strongly limited regarding time. What are the expectations, where do technology and social perspectives meet and overlap, which sort of research projects would fulfil the above mentioned?

**How?** to map approaches for the dimensions of sustainability including social sciences and humanities (SSH) in Clean Energy Transition (CET) on an example of battery research.

As a **result**, mapping for sustainability/SSH aspects integration into CET (battery storage) research and research gaps will be summarized.

### AGENDA

#### Session I 9:30-11:00am CET

- Social aspects of the energy transition  
Rosie Robison, Anglia Ruskin University, Cambridge
- Sociological, economic, and environmental impacts of batteries  
Jens Peters, University of Alcalá
- (Social) sustainability assessment and challenges  
Patrick Stuhm, KIT
- Panel discussion

#### Session II 11:30am-1:00pm CET

- Social aspects in m-era.net calls: comparative analysis of call 2019 and call 2022  
Viera Pechancova, Tomas Bata University in Zlín
- Participative activity based on seven questions using online tools
- Summary of the main conclusions

Moderators: Viera Pechancová (TBU), Manuel Baumann (KIT), Patrick Stuhm (KIT),

*Supporting organizations and projects: EERA Joint Programme Energy storage <https://www.eera-energystorage.eu/> and the EU Project Storage Research Infrastructure Eco-System - StoRIES <https://www.eera-energystorage.eu/stories.html> (GAP-101036910) as well as M-era.Net 2019 call project "LiBASED Li-ion BAttery-SupErcapacitor Hybrid Device" co-funded by Technology Agency of the Czech Republic EPSILON Programme (TH71020006).*