



**INTERNATIONAL**

## INVITED SESSION SUMMARY

**Title of Session:**

Smart Energy Storage Integration of Renewable Energy Resources in Buildings and Transportation

**Name, Title and Affiliation of Chair:**

Dr Sascha Stegen, Griffith University, Australia

**Details of Session (including aim and scope):**

This session aims to present different kind of energy storage solutions including bio and chemical systems in smart grids. Since e-mobility is a state-of-the-art topic and electric vehicles have the potential for being used as storage solutions, this session is covering e-mobility with the limitation to smart grid integration (V2G and G2V),

The scope of this session is related to the following topics:

- Wind and Solar Energy in combination of energy storage integration including scheduling
- Simulation based work in terms of energy storage in smart grids
- Bio energy solutions as integration in smart grids
- E-mobility energy storage systems
- Economic, environmental and market potential of different storage systems
- International law and policy related topics in terms of energy storage integration
- Infrastructure impact of storage solution integrations in smart grids

Authors are invited to submit original research and case studies on the latest developments and innovations in energy storage technologies.

**Main Contributing Researchers / Research Centres (tentative, if known at this stage):****Website URL of Call for Papers (if any):****Email & Contact Details:**

Dr Sascha Stegen, Griffith University, [s.stegen@griffith.edu.au](mailto:s.stegen@griffith.edu.au)