

Supergen Energy Storage Network+

Net Zero Conference

The role of energy research in the pathway to net zero

1-3 September 2021

*Dr Haris Patsios, Newcastle University
Co-Director of the Supergen Energy Storage Network+*



At a glance...

- **Professor Yulong Ding**, University of Birmingham
- **19 academics** from 12 institutions
- **£1.2m** total with **£1m** from EPSRC
- **£410k** of flexible funding
- **£100k** from the International Energy Storage Alliance for joint international projects
- **£2m** (in-kind support) from 34 project partners
- **48 months** in duration
- **2nd September 2019** start date

Vision

Connecting and serving stakeholders across the whole energy community, advancing and championing UK energy storage research and deployment.



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Energy Storage

Across Technologies and Disciplines

- **Electrochemical**
 - **Electrical**
 - **Thermal**
 - **Mechanical**
 - **Chemical**
- Integration of ES in energy networks;
 - Energy and society;
 - Environmental, social, economical, and policy considerations;
 - Artificial intelligence and big data



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Some of our Activities

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Short-term activities

- Identify areas of mutual interest and shared challenges with other UKRI Hubs and Institutions.
- Explore the potential for joint flexible funding calls with other organisations.
- Targeted workshops to promote industry and academia relationship.
- Creating a successful forum focusing on advancing and nurturing ECRs.
- Brokering relationships between different energy storage stakeholder groups.

Long-term activities

- Deliver white papers on challenges, opportunities, and barriers with other Hubs.
 - Targeted funding to promote underrepresented groups.
 - ECR long-term industrial placements.
 - Joining up larger consortia to address significant interdisciplinary challenges identified.
 - Delivering/facilitating opportunities for ECRs to discuss the current barriers they face in advancing their careers in energy storage.
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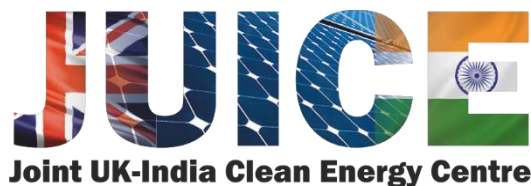
Energy Storage for Decarbonisation

Industry Workshop

Vision, Challenges, Innovation, Deployment and Experience

15 September 2021, 9am - 1pm

We will highlight and identify the business and market needs for attracting investment to speed up energy storage applications



More information
www.supergenstorage.org



Stay in touch!



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