

IMAGES - Integrated, Market-fit and Affordable Grid-Scale Energy Storage

11th Project Management Team (PMT) Meeting

Minutes

Date and time: 15:00, 23rd May 2016

Venue: MBG.1.H04 (IT Services Board), Garendon Wing, Loughborough University, UK

1. Attendances:

Jihong Wang, David Evans, Mike Waterson, Seamus Garvey, Murray Thomson, Philip Eames, Jacek Wojcik.

Apologies:

Monica Giuliotti, Robert MacKay, Jonathan Busby, Tony Milodowski, Phil Mawby, Richard Critoph.

2. Update of recruitment and staffing

- Seamus recruited Dr Tristan Davenne as the new Research Fellow (part-time).
- Tony Milodowski will be leaving BGS at the end of June 2016. His role will be covered by Lorraine Field.
- Christopher Krupke has submitted his thesis and leave the project.
- Xing Luo has been promoted to Senior Research Fellow from 1st October. Research Fellow position will be available at the University of Warwick for one year.
- Lisa is on maternity leave from 10th March 2016.
- Adam Hutchinson graduated and left the project.

3. Recap of the project progress meeting and review project work plan

Project progress has been reported from all participants.

4. Review of project finance

- a) Jihong reported about spare money to be spend before the end of the project:
 - £41k for PDRA (1 year) available at Warwick only,
 - £69k (minus: £2k for animation, £2.6 for the Shard meeting + OSES2016 + Workshop + other animations + toolbox and website development). This money can be used for consumables, training, meetings, conferences, impact activities etc. The only limitation is employment.
- b) The plan how to spend the remaining money with the best benefit for the future of the project should be found. Seamus proposed that some demonstration facility can be done.
Action: Jihong to circulate email between PMT members and collect all suggestions from PMT members.

5. Report from each PMT members for publications, events, presentation, seminars, workshops, etc. (update actions for Impact)

- All 4-month reports have been submitted to Jacek

6. Discussion on joint research activities

- The Shard meeting** – more speakers should be invited for the event. Presentation from Gaelectric CAES project seems to be very interesting. Dave needs to find out access to geological and business case data. EDF and Swansea Bay tidal project could also be invited for the meeting. Seamus suggested ‘invited only’ event.
Actions: Seamus to invite more speakers and prepare the programme with Jacek’s help. Jihong to find out the facility in Shard – that should help to plan the form of the project (posters?). Jacek – to change the registration procedure. All participants should be accepted to get the ticket (no students etc.).
- Thermal storage workshop** – IMAGES can contribute in organising the event.
Action: Seamus to find out if any support is needed.
- MATLAB toolbox - Jihong asked about support and contribution from Loughborough and Nottingham in thermal storage modelling work. Discussion about open access to the code took place. Mike mentioned that Lisa created a MATLAB program for optimal operation of storage – it can be an additional tool for the toolbox outcome.
- In terms of internal collaboration there is ongoing joint work on WP1.4 between Warwick and BGS. When completed also economics team should joint to get the full picture of CAES potential in the UK. This should help to build up great case for EPSRC project extension.
Action: BGS and Warwick to work on the results. Economics team is going to joint later on.

7. Actions for impact plan implementation

- Project website development - Jihong proposed to update the project website and provide information about the outcome from each participant.
Action: Jacek to collect the outcome and update the website.

8. New funding and funding opportunities

- ERA project – Seamus has access to the funding.
- EPSRC ‘Manifest’ project just started.
- IMAGES project extension should be planned. To be successful we need to apply before December 2016. Good case should be build based on WP1.4 so the work should be speed up to get the results before the Shard meeting to discuss with EPSRC.
Action: All to support the case. Jihong is going to coordinate the process and circulate emails.

9. Date and venue of next meeting

Next meeting is in hold. It will be organised after the Shard event (early October 2016).

10. AOB