

## ZEP Network Technology

### Progress Report to the ZEP Advisory Council, 14<sup>th</sup> September 2016

NWT co-chairs: Filip Neele (TNO), Arthur Heberle (Mitsubishi Hitachi Power Systems)

The Network is pleased to welcome Dr. Arthur Heberle (Mitsubishi Hitachi Power Systems) as its new co-chair alongside Filip Neele (TNO). Dr Heberle replaces Markus Wolf, who will move on from GE in the near future. Secretariat support to the Network is being provided by Theo Mitchell and Harriet Howe.

The Network currently has 3 active Temporary Working Groups (TWGs), which are progressing well, and is in the process of kick-starting work under a new TWG on Energy Intensive Industries.

A meeting of the Network is currently being organised for October/November 2016 (date *tbc*) and it is hoped that this will include breakout sessions for each of the TWGs. The meeting will also provide an opportunity for members of the Network to discuss the strategic direction of the Network and its possible priorities for 2017.

As part of a general drive to increase participation in ZEP Networks and TWGs, members of the CCS EERA will be invited to join the Network Technology and contribute to its ongoing work.

Appended to this update are 5 further pre-reads;

- 6a. **A summary of the final TWG Future CCS Technologies report.**
- 6b. **The final draft report of TWG Future CCS Technologies.** This report is being presented to the AC for approval.
- 6c. **A summary report of TWG Clean Hydrogen.** This is being presented to the AC as a progress update (for information only) and summary of the TWG report, which is currently under development. Members of the AC will be invited to comment on the summary and provide feedback on the progress report.
- 6d. **A progress update (presentation) for TWG Fast Track T&S.** This presentation is being given to the AC for information only. The final draft report of the working group is expected to be submitted for approval at AC49 in December 2016.
- 6e. **Updated Terms of Reference for the TWG Energy Intensive Industries.** The AC will be asked to consider the draft Terms of Reference, provide feedback and then approve the terms for the working group.

#### Actions

Temporary Working Group	Co-Leads	Actions for the ZEP AC
<b>Future CCS Technologies</b>	Markus Wolf (GE) Zoe Kapetaki (GCCSI) Ton Wildenborg (TNO)	Approve the final report
<b>Clean Hydrogen</b>	Claude Heller (Air Liquide)	Provide feedback on the progress report
<b>Fast Track T&amp;S</b>	Ward Goldthorpe (Crown Estate) Chris Gittins (Taqa)	Provide feedback on the progress report
<b>Energy Intensive Industries</b>	Arthur Heberle (MHPS)	Approve the Terms of Reference