

ASCENT consortium



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Newsletter 18 June 2018 – Final review meeting of the ASCENT project

The ASCENT consortium (www.ascentproject.eu) is delighted to announce that the final review meeting of the project has taken place in Brussels on the 29th May 2018. The primary objective was to review the progress of each single work-package along with the project as a whole. The main topics addressed during the meeting were focused on technical aspects, management and impact of the project for the third reporting period (1st March 2017 – 28th February 2018) with a focus on the lessons learned during the whole project.

In particular, the event has been conceived in order to communicate the main results obtained in the following project areas: (i) assessment of technologies and benchmarking, (ii) joint R&D activities and (iii) cross-cutting activities.

The key objectives related to these three areas are as follows:

- The assessment of technologies and benchmarking takes a broad approach and examines the merits of benchmarks for evaluating and comparing the

performance of cases studies in order to set industry performance targets and evaluate energy needs.

- The lead objective of the Joint R&D actions is to provide a robust proof-of-concept with industrially relevant conditions and materials at full for future demonstration.
- The joint aim of the Cross-cutting activities is to define and put in practice dissemination and exploitation plan (i.e. Dissemination, Exploitation activities) along with the administration plan (Management) to increase the internal and external project awareness and spread the excellence.

The agenda of the final review meeting has been conceived in order to review the main outputs from the following project sections and work-packages:

- **Assessment of technologies and benchmarking** – WP1 (Performance criteria and benchmarking);
- **Joint R&D activity** – WP2 (Combined Ca-Cu Chemical Loop: process development), WP3 (Fast Sorbent mediated water-gas shift) and WP4 (Sorption Enhanced Reforming looping cycle);
- **Impact of the project** - WP5 (Safety and sustainability impact assessment), WP6 (Dissemination) and WP7 (Exploitation) and WP8 (Management).

During the project, the consortium has demonstrated how promising the project achievements are, allowing exploitable opportunities and identification of future research activities.

The agenda of the event is below reported:

- 9:55** Welcome (Dr. Vassilios Kougionas)
- 10:00** Introduction to the project, its general progress during the third reporting period (WP8) – (Dr. Stefano Stendardo)
- 10:40** Progresses and main conclusion in Performance criteria and benchmarking (WP1) – (Dr. Matteo Romano)
- 11:20** Progresses and main conclusion in Combined Ca-Cu Chemical Loop: process development (WP2) – (Dr. Ramón Murillo)
- 12:00** Progresses and main conclusion in Fast Sorbent mediated water-gas shift (WP3) – (Dr. Richard Blom)
- 12:40** Lunch
- 13:30** Progresses and main conclusion in SER looping cycle (WP4) – (Dr. Julien Meyer)
- 14:10** Progresses and main conclusion in Safety and Sustainability Impact assessment (WP5)– Dr. Thangavelu Jayabalan
- 14:50** Progresses and main conclusion in Exploitation (WP7) – Dr. Bryan Sweeney
- 15:30** Dissemination and impact of the whole project (WP6) (Dr. Stefano Stendardo)
- 16:10** Questions
- 17:00** End

After the review meeting the public version of the plan for use and dissemination of project foreground will be available in www.ascentproject.eu.