



Memo

To ZEP TF technology
From Dirk Goldschmidt
Date 28th February 2007
Subject **Minutes of 1st Meeting of the Task Force Technology**

Participants

See enclosure 1 to 6

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1. Opening of Meeting

The meeting was opened by Lars Stromberg.

The EU commission has asked ZEP to give recommendations for the set up of their 2008 call in FP 7. For that purpose a condensed report of the task force technology is needed by end of April.

In view of the challenging time frame for that short term task the meeting was exclusively dedicated to this aspect.

A detailed presentation, given by Lars Stromberg and guiding through the day, helped to keep the meeting focussed (see enclosure 7).

2. Introduction of participants

The participants have been given a short slot to present themselves and to highlight their interests in the topic

3. Approval of Agenda

The Agenda has been approved without changes.

4. Set the target for the work of the task force

Lars Stromberg explained to the group the frame, in which the task force technology needs to operate

- The new set up of the ZEP with 4 task forces and the secretariat
- The terms of reference for the task force technology, defined at the advisory group meeting on the 5th of December last year
- The immediate output, required from the task force (i. e. the report for the commission)
- The base of the report, which are the SRA and the underlying WG1 and WG2 reports

5. Set the time plan

The challenging dead line, set by the commission, resulted in a challenging time plan, which has been set up to realize two iterations of the contents:

- Work starts 23rd February
 - Two weeks for the group to give input (deadline 9th of March)
- 1st draft ready 19th March
 - 10 days for the group to respond (deadline 29th of March)
- Final draft ready 10th April
 - 1 week for minor adjustments
- Final editing 18th April
- The work shall be ready 30th April
 - Send to AC

The proposed time table was agreed by the group.

6. Discussion of the structure of the report

The report shall be of the typical size of 10 pages, based on the SRA and the corresponding WG1 and WG2 reports. Layout and wording shall be such, that it is easy to use for the commission, when writing the work programme for the remaining calls.

Lars Stromberg gave a detailed presentation on the results and conclusions, given in the SRA, the WG1 and the WG2 reports (for details see enclosure 7, pages 15 to 52).

According to the results of the SRA, the WG1 and WG2 reports, the following structure of the new report has been proposed:

- Capture
 - Post combustion capture
 - Pre-combustion capture
 - Oxyfuel combustion
 - Novel technologies
- Storage
 - Aquifers
 - Use and transport

The group emphasized, that it is very important, that despite the short time line the report needs to be well aligned with the outcome and wishes of the other task forces, specifically mentioning the “demo plant” task force.

Also it was held very important, that the report is not exclusively focussed on the short activities towards 2020, but also well balanced with supporting activities for novel capture technologies beyond 2020.

The 10-page document should contain, what is needed, and not in length, why it is needed.

The structure was agreed by the group.

7. Discussion of the work process

The following lead authors had been appointed by the participants:

- | | |
|-------------------------------------|--|
| • Post combustion capture | Hallvard Svensen (meanwhile confirmed) |
| • Pre-combustion capture | Hans Jensen |
| • Oxyfuel combustion | Clas Ekstrom |
| • Novel technologies | John Chamberlain |
| • Aquifers | Isabelle Czernichowski-Lauriol |
| • CO ₂ use and transport | Andreas Tore Torp |

It was decided that an “editor” should help the lead authors and bring the whole document in a consistent shape. Clas Ekstrom has been appointed by the group for this task.

Each member of the task force is invited to contribute, give views and to comment on the different versions of the material. For that purpose lists have been circulated, in which everybody, who wants to contribute, should sign in as a contributor for the individual chapters of the document (see enclosure 1 to 6). Signing in for more than one chapter is allowed.

Contributions of the individual group members should be based on the SRA, the WG1 and the WG2 reports, which all are accessible on the ZEP web site (<http://www.zero-emissionplatform.eu/website/library/index.html>). It was decided, to start from the pages 25 to 52 in the attached presentation (see enclosure 7). These slides summarize the R&D needs and recommended R&D actions in the above mentioned documents and should serve as the "Draft 0".

The contributions should be structured in the following way:

- Update SRA, WG1 and WG2-report
 - New development (technology, economy)
 - Validation of technology
 - New challenges (e.g. “capture ready”)

- Balance of priorities
 - What is most important?
- Time line
 - What is time critical (“the critical line is...”)?

8. Next steps

A first set of contributions from the group is expected by 9th of March final deadline. The first draft will be issued 19th of March and the responses of the group to the first draft are expected by March 29th at latest.

“Acting Co-Leads”

It has been pointed out by Lars Stromberg, that the acting Co-Leads so far were appointed at the advisory group meeting on the 5th of December in Frankfurt. That was mandatory to start the process, but should not overrule a democratic election process. Therefore, the Acting Co-Leads stepped back.

Lars Stromberg asked for any volunteers and, as this was not the case, proposed

Niels Peter Christensen

Dirk Goldschmidt

Lars Stromberg.

All three were elected as “Co-Leads” by acclamation.

9. Next meeting

It was decided, to have the next whole group meeting on Monday, the 16th of April. The location will be identified by the Co-Leads shortly.

10. AOB

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