

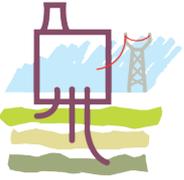


**TECHNOLOGY PLATFORM FOR ZERO EMISSION FOSSIL FUEL  
POWER PLANTS**

**DRAFT MINUTES OF THE 17<sup>TH</sup> MEETING OF THE ADVISORY  
COUNCIL**

**BRUSSELS, 27<sup>TH</sup> OCTOBER 2008**





**Z E P      Zero Emission Fossil Fuel Power Plants**

| <b>AC17 081027 attendance</b> |                    |                            |
|-------------------------------|--------------------|----------------------------|
| <b>Meeting name</b>           | <b>Surname</b>     | <b>Invitation accepted</b> |
| AC17                          | Goldschmidt        | y, AC, replaces Suess      |
| AC17                          | Heithoff           | y, AC, replaces Lambertz   |
| AC17                          | Lüdge              | y, AC, replaces Hassa      |
| AC17                          | Kruhl              | y, AC, replaces Fischer    |
| AC17                          | Schneider          | y, AC, replaces Eikhoff    |
| AC17                          | Desnost            | y, AC, replaces Cordoba    |
| AC17                          | Laciok             | y, AC, replaces Cmiral     |
| AC17                          | Steffensen         | y, AC, replaces Blum       |
| AC17                          | Kalaydjian         | y, AC, replaces Appert     |
| AC17                          | Alonso Martinez    | y, AC, replaces Alvarez    |
| AC17                          | Barbucci           | y, AC                      |
| AC17                          | Hill               | y, AC                      |
| AC17                          | Lubbers            | y, AC                      |
| AC17                          | Giger              | y, AC                      |
| AC17                          | De Marliave        | y, AC                      |
| AC17                          | Ludden             | y, AC                      |
| AC17                          | Soothill           | y, AC                      |
| AC17                          | Martinez Jubitero  | y, AC                      |
| AC17                          | Hauge              | y, AC                      |
| AC17                          | Lampenius          | y, AC                      |
| AC17                          | White              | y, AC                      |
| AC17                          | Charbonnier        | y                          |
| AC17                          | van Breda Vriesman | y                          |
| AC17                          | van der Lande      | y                          |
| AC17                          | Kremer             | y                          |
| AC17                          | Clerens            | y                          |
| AC17                          | Bergmann           | y                          |
| AC17                          | st. Leger          | y                          |
| AC17                          | Bysveen            | y                          |
| AC17                          | Otter              | y                          |
| AC17                          | Corrigan           | y                          |
| AC17                          | Frisvold           | y                          |





## 1 Opening

The meeting was chaired by Gardiner Hill, because Graeme Sweeney had obligations due to the SET-meeting organised by the French presidency. Gardiner offered apologies on behalf of Graeme and then opened the meeting with a brief summary of the days closed AC meeting and a review of the open AC meeting agenda.

Jordi Martinez asked why a discussion regarding the proposed amendments on the storage directive (the CO<sub>2</sub> purity issue and the 500 grams/KwH) was not on the agenda, given that this had been requested previously. Paal Frisvold commented that this can be discussed under agenda point 5, miscellaneous, when the policy & regulation taskforce will share with the AC their proposal to prepare a letter on these and other issues.

It was decided to start with agenda point 4, adoption of technology matrix

With these changes the agenda was adopted as proposed.

## 2 Adoption technology matrix

Philippe Paelinck gave a presentation (ZEP\_AC#17\_27Oct08\_Technology Matrix\_v9 FINAL.pdf).

Responses:

- Many AC members thanked the taskforce for the good work. It was suggested to use some of the task force slides in the presentation that Sweeney will give at the general assembly
- Jordi Martinez asked whether the report provided information on the capability of technology to achieve 95% purity of the CO<sub>2</sub> stream. Philippe answered that the technology was available but that the report did not indicate the cost.
- Frederic Hauge asked if the research into CO<sub>2</sub> transportation by ship investigated the time needed for loading and offloading of CO<sub>2</sub>. Philippe answers that this was not looked at but that the issue was flagged.

The AC was asked to adopt the document as a ZEP-report. 20 AC members voted in favour. 1 AC member abstained. Consequently the document was adopted by the AC.

## 3 Approval procedure finalisation report and presentation

Gijs van Breda Vriesman gave a presentation (ZEP\_AC#17\_27Oct08\_agendapoint 4\_process going forward.pdf).

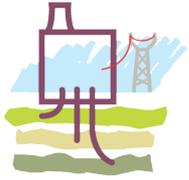
Finalisation GA Flagship presentation: In the closed part of the meeting earlier in the day, comments were made on the presentation that need to be collated and presented back to the AC for agreement. Gijs Vriesman proposed a procedure for how the AC will agree the GA Flagship presentation (slide 1 of the presentation) that was unanimously agreed by all AC members

Finalisation GA Flagship report: Gijs Vriesman proposed a procedure for how the AC will agree the GA Flagship report (slide 2 of the presentation) that was unanimously agreed by all AC members. .

## 4 Miscellaneous

At a previous meeting it was agreed to communicate the ETP-ZEP view on the selection criteria to the French Presidency, in order to support the decision process for the implementation of amendment 500. A draft letter was drawn up (ZEP\_AC#17\_27Oct08\_Letter criteria French Presidency v3) by Paal Frisvold and included in the pre-read for this AC meeting. A revised letter





was handed out at the meeting. A few amendments were proposed and accepted. The final letter (ZEPCriteriaLettertoFrench Presidency.pdf ) was handed out at the end of the meeting and agreed unanimously by all AC members.

Paal Frisvold proposed to send another letter in which ZEP takes a position with respect to those amendments to the proposal for the directive for the geological storage of CO<sub>2</sub> that are considered to be insurmountable barriers to the implementation of CCS. The Policy & Regulation taskforce identified 4 amendments (see ZEP\_AC#17\_27Oct08\_agenda point 5 comments) to Davies report 24Oct (2).doc. The taskforce will send its final proposal to the AC members and ask for approval.

Heinz Bergmann stated that it is important that some comment on the proposal to not allow energy plants that emit more than 500 grams/KwH is included in this letter and that ZEP must develop a view on this. This demand could effectively result in a moratorium on new coal plants. Frisvold explained that the taskforce could not reach agreement on this point and therefore did not include it in the letter. It was agreed that the taskforce will develop a paper with the key issues (both technological and political) and submit this for discussion to the AC. Because the issue is so urgent, Paal Frisvold will propose a plan to get the AC-opinion before the next AC meeting.

## **7 Close of meeting**

The Chairman thanked the AC members for the active discussion and closed the meeting at 19.00 hrs

## **DECISION REGISTER AC 27<sup>th</sup> October 2008**

- D17.1 The AC adopts the technology matrix as presented by Philippe Paelinck at the meeting.
- D17.2 The AC approves of the proposed procedure to finalise the presentation and the report on the flagship programme, to be presented at the General Assembly
- D17.3 The AC agrees to the final letter with the criteria, to be sent to the French presidency on 28 October 2008

## **ACTION REGISTER AC 27<sup>th</sup> October 2008**

- A17.1 The AC agrees that the Policy & Regulation taskforce will ask the AC members support for its position paper regarding the insurmountable barriers to the implementation of CCS as proposed by the European parliament.
- A17.2 The AC also agrees that the policy & Regulation taskforce will develop a paper outlining the key issues to the 500 grams/KwH issue and submit this to the AC before the next AC meeting

