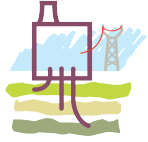


**TECHNOLOGY PLATFORM FOR ZERO EMISSION FOSSIL FUEL POWER
PLANTS**

DRAFT MINUTES OF THE 11TH MEETING OF THE ADVISORY COUNCIL

POTSDAM, 12TH JUNE 2007



AC PRESENT:

Olivier Appert	IFP	
Pietro Barbucci	Enel GEM	
Niels-Peter Christensen	GEUS	
Luc De Marliave	TOTAL	
Jozef Dubinski	Central Mining Institute	
John Michael Farley	Doosan Babcock	
Bernhard Fischer	E.ON. Energie A.G.	
Roberto Garosi	ANSALDO ENERGIA S.p.A.	
Dirk Goldschmidt	Siemens A.G.	replaces Michael Süss
Kurt Häge	Vattenfall Europe AG	
Frederic Hauge	The Bellona Foundation	
Gardiner Hill	BP plc.	
Philippe Lacour-Gayet	Schlumberger	
Johannes Lambertz	RWE	
Harry Lampenius	Foster Wheeler Power Group Europe, EPPSA	
John Ludden	British Geological Society	
Philippe Queille	Air Liquide	replaces François Jackow
Santiago Sabugal Garcia	ENDESA	
Charles Soothill	ALSTOM Power	
Graeme Sweeney	Shell	
Tore Torp	Statoil	replaces Arve Thorvik
Antonio Valero Capilla	Fundación CIRCE	

AC APOLOGIES:

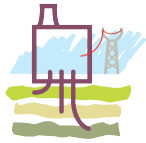
François Jackow	Air Liquide	replaced by Mr. Queille
Hakon Mosbech	Vattenfall Nordic	
Michael Süss	Siemens A.G.	replaced by Dirk Goldschmidt
Arve Thorvik	STATOIL	replaced by Tore Torp

OBSERVERS:

Patrick Clerens	EPPSA
François Giger	EDF
Anne Guerin-Moens	ALSTOM Power
Johannes Heithoff	RWE
Peter Holmes	European turbine Network
Beate Kristiansen	The Bellona Foundation
Andre Mom	European Turbine Network
Brian Morris	UK DTI/ Government Group
Franz Ossing	GFZ Potsdam
Philippe Paelinck	ALSTOM Power
Trygve Riis	Government Group
Thomas Schneider	DG TREN
Hermione st. Leger	Shell
Mirjam Stegmann	STATOIL
Claudia Weise	GFZ Potsdam

ETP-ZEP SECRETARIAT

Nick Otter	ALSTOM Power
Alexandre Rojey	IFP
Heinz Bergmann,	RWE Power AG



Paal Frisvold
Robert van der Lande
Marten Slagter
Hans Modder

The Bellona Foundation
ZEP secretariat
ZEP secretariat
ZEP secretariat

1. Opening

1.1. Introduction

The Chairman opened the meeting and welcomed everyone. As almost three months have passed since the last AC meeting on 14th March 2007 in Brussels, the chairman gave a short summary of the developments since then:

- The G8 summit in Heiligendamm was a big success for ETP-ZEP because the G8 leaders affirmed the need to keep global warming below 2°C and to cut global emissions 50% by 2050. They decided to launch serious UN negotiations for new emission reduction targets and a successor to the Kyoto treaty on climate change this year.
- In connection with the German EU-presidency, the chairman reported about ETP-ZEP at various symposia and workshops in Berlin, Leipzig and Hamburg. Furthermore, there were discussions about CCS with ministries of the German federal government.
- On 29th March 2007, ETP-ZEP was invited to the SET-hearing by the European Commission. Gardiner Hill, Nick Otter, Olivier Appert, Arve Thorvik, Johannes Heithoff, Paal Frisvold, Robert van der Lande and Kurt Häge participated on behalf of ETP-ZEP. This was further discussed under agenda point 4 of this AC-meeting.
- On 21st June Arve Thorvik and Kurt Häge will participate at the ETP-leaders meeting in Brussels,
- on 22 June Kurt will attend a meeting with commissioners Potocnik (RTD) and Piebalgs (TREN) and chairs of other energy-related technology platforms.

1.2. Adoption of Agenda

The proposed agenda, distributed prior to the AC meeting, was accepted without changes.

1.3. Minutes of Advisory Council #10, 14th March 2007

As there were no comments or additions to the minutes, the minutes of the last AC-meeting were approved.

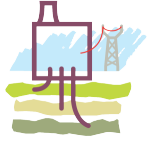
2. Composition platform bodies

2.1. Decision on AC membership

The Chairman recalled the decisions D10.5 and D10.6 of the last AC meeting: 'Enlargement of the AC to 27 members with 'NGO', 'technological academic' and 'Banker' profiles/ expertise of new AC members.

Jennifer Morgan was proposed as 'NGO' representative candidate and put up for vote. 21 AC members vote in favour and 1 abstained from voting. As a consequence, Jennifer Morgan was appointed as new AC member. The AC stated to be very happy to have Jennifer Morgan in the AC especially as she is very active in China.

For '*industrial academic*' Prof. Alfons Kather was proposed as new AC member. The chairman asked whether any other candidates are available. None were identified. He then asked the AC to come to vote. Prof. Kather was accepted by the AC with 15 votes in favour and 6 members abstained from voting.



For the 'Banker' profile, the chairman proposed David H. Gye as new AC member. During a discussion about the 'Banker' candidacy it was suggested that for financial issues ETP-ZEP should also involve the organisation Climate Change Capital (contact persons James Cameron and Mark Woodall). The AC decided to seek involvement of Climate Change Capital. The chairman asked the AC to vote on the candidacy of Mr. Gye and the involvement of Climate Change Capital. 13 AC members voted in favour and 6 abstained from voting.

Decision D11.1: Morgan, Kather and Gye appointed new AC members

Decision D11.2: Acceptance to seek involvement of Climate Change Capital (James Cameron and Mark Woodall)

Action A11.1: Ask Climate Change Capital (James Cameron and Mark Woodall) to assist ETP-ZEP

2.2. Decision on chairs TF Public Communication

In line with decision D10.10 ("Mandate for Philippe Lacour-Gayet to choose another co-chair from the nominees") and Action A10.2 ("Nominate co-leads for Public Communication Taskforce"). Ms. Anne Guerin-Moens from Alstom and Ms. Beate Kristiansen from Bellona were asked to take this role, and were consequently nominated. The AC accepted the aforementioned candidates with 20 votes in favour and no abstains.

Decision D11.3: Guerin-Moens and Kristiansen appointed co-chairs of Taskforce Public Communication

3. Secretariat activities & finance

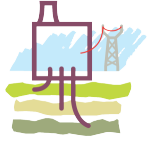
Robert van der Lande presented the 2006 annual report of the ETP-ZEP. In addition, an outlook for the year 2007 was given with respect to the envisaged activities and corresponding budget categories. Also a budget reallocation was proposed, amongst others to increase the budget for "General Assemblies" and "other costs" and lower the budgets for "video" and "outsourcing".

In response to the Secretariat annual report the following was stated:

- Olivier Appert appreciated the efforts of the secretariat, he expressed his concern about the future; ETP-ZEP will exist beyond the current contract period of the Secretariat (2008) and will thus need a secretariat. The companies involved need to be flexible in this.
- Mr. Queille benchmarked the secretariat of ETP-ZEP with other ETP secretariats and concludes that the secretariat of ETP-ZEP is doing very well. In addition, he would support additional spending on communication
- Mr. Barbucci acknowledged the work and the efficiency of the secretariat. He proposed to keep the budget for the video.
- Charles Soothill considered funding of communication activities necessary. ETP-ZEP should start preparing proposals. He asked whether this should fit in the structure of the secretariat
- Mr. Fischer was satisfied with the presentation regarding the secretariat. In response to Soothill he questions how much ETP-ZEP needs to do on communications. He distinguished between different layers: member states and companies each do their communication activities, tailored to their specific needs

As a consequence of limited time available for discussion, the communication budget and the proposed budget reallocation for 2007/2008 was left undecided during the meeting. The 2006 ETP Secretariat annual report was put up for vote, and approved by all AC members.

Decision D11.4: Approval of 2006 ETP-ZEP Secretariat Annual Report



4. Strategic Energy Technology Plan (SET-Plan)

Nick Otter gave an integrated presentation (point 4.1. and 4.2 together) about the SET-initiative of the European Commission, the hearing that was held on March 29 on this issue, as well as the SET-plan that was submitted on behalf of ETP-ZEP on request of the European Commission. In response to the presentation the following was noted:

- The background of the EC Inter-Service Taskforce on Sustainable Power Generation was discussed (structure, which DGs are leading etc.). This taskforce has requested ETP-ZEP to participate in its meetings.
- Brian Morris regretted the low level of direct involvement of the EU MS in this Inter-Service Taskforce. Mr. Schneider (EC, DG TREN) replies to this by saying that Commissioner Piebalgs himself is establishing contacts with member states and checking their commitment to demos..
- Graeme Sweeney emphasised that greater member states involvement deserves attention and that there is a need for the AC to revisit the international membership (e.g. China) of the AC.
- Frederic Hauge pointed at areas of overlap between ETP-ZEP and other ETPs, particularly regarding H2 and the petrochemical industry. This deserves attention, and could be a huge opportunity for ETP-ZEP. He concludes that the EC would support this when we try to extend our activities to these areas
- Gardiner Hill agreed with Hauge. This is an opportunity for the platform of critical importance. In addition, Hill noted that public communication and CCS awareness are of critical importance for ETP-ZEP. In order to make the ETP-ZEP strategy work, engagement with MS is essential.
- Nick Otter concluded that there are no negative comments, but that there are demands for emphasis. He also underlined the need for a debate on the participation on MS level, as well as international participation outside Europe.

5. Discussion progress Taskforces

5.1. Introduction

Nick Otter summarized the overall results of the CG #14 meeting on 29th May. This was followed by short presentations of the progress by chairs of each Taskforce.

5.2. Taskforce Demonstration & Implementation

Graeme Sweeney provided a presentation about the progress of the Taskforce Demonstration & Implementation, in particular the Flagship Programme. In addition, he stated that the recent developments of the Flagship Programme have caused changes in the working group structure of his taskforce. The work of the working groups is however not lost, it is still relevant. Moreover, he stressed the importance of engagement of ETP-ZEP with the EC Inter-Service Taskforce on sustainable power generation.

Mr. Schneider commented on the type of legal entity envisaged for the Flagship Programme. It seems that a "joint undertaking" is no longer in the focus of the discussion within the EC. Even the general "PPP" seems to have a lack of support.

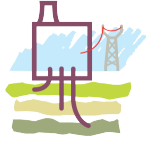
Tore Torp found the activities of TDimpl intransparent. In reply it was stated that all information can be found on the website of ETP-ZEP.

5.3. Taskforce Technology

Dirk Goldschmidt outlined the progress of the Taskforce Technology.

5.4. Taskforce Policy & Regulation

Paal Frisvold gave an update of the progress and activities of the Taskforce Policy & Regulation.



5.5. Taskforce Public Communication

The progress and activities of the Taskforce Public Communication was jointly presented by the newly appointed co-leads Anne Guerin-Moens and Beate Kristiansen. Guerin-Moens and Kristiansen proposed three public communication budget scenarios, and asked the AC to decide which scenario will be supported. Although, the entire AC fully underlined the crucial importance of proper public communication around CCS (to avoid emotional discussions as in the case of nuclear energy) it turned out to be difficult to reach consensus among all ETP ZEP sponsors to commit additional budget to fund public communication.

- several AC-members stated that their company is prepared to provide significant funds for a public awareness campaign
- several AC-members indicated that they don't see sufficient added value for such a campaign or that the budget for such a campaign should be significantly lower

6. Way forward, long term budget etc.

Two funding issues were debated: an additional communication budget and the continuation of the ETP-ZEP-Secretariat after the contract period (2008).

Regarding additional budget for a public awareness campaign:

- some AC members stated that their company is prepared to provide significant additional funds for a public awareness campaign and asked other AC members to act likewise. In response several AC-members indicated that they don't see sufficient added value for such a campaign or that the budget for such a campaign should be significantly lower.
- **investigate possible EC funding options for public communication**
Robert van der Lande explained that there is no significant budget space available to fund additional external public communication activities of ETP-ZEP for the coming years.

Hans Modder 5-7-07 12:03
Comment: Herhaling van 5.5

The chairman concluded the discussion, he requested the Secretariat to investigate possible funding options (e.g. FP7) for the Secretariat activities beyond 2008, as well as for public communication activities. In the meantime, the Executive Committee will consider the possible funding options.

Action A11.2: Investigate possible funding options for ETP-ZEP public communication activities and ETP-ZEP Secretariat activities beyond 2008

7. Government Group

7.0. Organisational developments

The chairman of the Government Group, Brian Morris reported on the organisational changes in the Government Group (previously called the Mirror group).

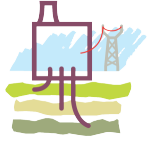
Soothill asked for an agenda/ timeline of the MS funding opportunities/ calls for CCS demo projects. Brian Morris responded that FENCO is already working on such a timeline.

7.1. Joint meeting of Government Group and AC

Brian Morris proposed a joint session of government group and AC at the next AC-meeting.

7.2. Country profiles

Hans Modder presented the process regarding the country profiles that have been made so far by the members of the Government group. The first 15 country profiles have been attached for



information. The taskforces were asked to use the country profiles and provide feed back at the next AC-meeting.

Action A11.3: Taskforces to provide feedback on the country profiles

8. Miscellaneous

Nick Otter asked if the presentations of new CCS projects will be put on the AC agenda again, as this is important to have and to keep informed about new CCS initiatives.

Graeme Sweeney requests to share speaker notes for those meetings which were only attended by the chairman on behalf of ETP-ZEP.

9. Close of meeting

The next AC meeting will take place in Madrid on 5th September 2007, starting at 1100 and finishing at 1600 hrs. Venue will be announced together with the agenda.

The chairman closed the meeting.

DECISION REGISTER 12th June 2007

Decision D11.1: Morgan, Kather and Gye appointed new AC members

Decision D11.2: Acceptance to request Climate Change Capital (James Cameron and Mark Woodal) for involvement in ETP-ZEP

Decision D11.3: Guerin-Moens and Kristiansen appointed co-chairs of Taskforce Public Communication

Decision D11.4: Approval of 2006 ETP-ZEP Secretariat Annual Report

ACTION REGISTER 12th June 2007

Action A11.1: Ask Climate Change Capital (James Cameron and Mark Woodal) to participate in ETP-ZEP

Action A11.2: Taskforce Public Communication to investigate possible funding options for ETP-ZEP public communication activities and ETP-ZEP Secretariat activities beyond 2008

Action A11.3: Taskforces to provide feedback on the country profiles