



**Minutes**  
**European Technology Platform on “Zero Emission Fossil Fuel Power Plants”**  
**(ETP ZEP)**

**7<sup>th</sup> Meeting of the Mirror Group (MG)**

**7th November 2006**  
**Thessaloniki, Greece**  
CERTH

**Final Agenda**

**Fixed appointments:**

07 <sup>th</sup> November 2006	14.00	Opening of meeting
	18.00	Closure
	20.00	Common dinner

Agenda Item		Action
1	Introduction	Chair
2	Adoption of the Agenda	Chair/DEL
3	Adoption of the minutes of the 6 <sup>th</sup> MG meeting (16 <sup>th</sup> August 2006, Berlin)	SEC/DEL
4	Report from the ETP ZEP General Assembly on 12th/13th September 2006, Brussels and subsequent AC and CG meetings	NO
5	Next Steps for the ZEP (Possibly additional comments to SRA and SDD before final printing)	Chair/DEL
6	Influence of SRA and SDD on the work programme of FP7	DOB
7	Possible future interactions ZEP / MG and discussion particularly about the MG's position	Chair/DEL
8	Possible impact on FENCO-ERA activities	Chair/DEL
9	CSLF update	DOB/NO
10	Brief reports on FENCO-ERA activities	WPL FENCO
11	Date and location of next meeting	Chair/DEL
12	Any other business	DEL

**Chair: Chairman, DEL: Delegates, SEC: Secretariat, NO: Nick Otter, DOB: Denis O'Brien,**  
**WPL: Work Package Leader**

**I Remark:**

There are synergies between the FENCO-ERA ExCo and the Mirror Group (MG) of the European Technology Platform on Zero Emission Fossil Fuel Power Plants (ETP ZEP) and it previously been agreed to hold a joint meeting of both groups where appropriate for common topics. This was the 2<sup>nd</sup> joint meeting, the first having been held at Trondheim, Norway in June 2006.

Common issues of both MG and FENCO-ERA were discussed at the joint meeting dated 7<sup>th</sup> November 2006. Separately the FENCO-ERA ExCo convened to address FENCO-ERA only business at a meeting dated 8<sup>th</sup> November 2006.

The results of both meetings have been summarised in two separate documents. This document includes all those issues relevant to the MG of the ETP on ZEP

Representatives from the UK, Greece, Norway, the Netherlands, Poland, Portugal, Spain, Austria, Denmark, Italy, France, Finland, Latvia, Germany and the European Commission participated in this meeting. Apologies had been received from Nick Otter

A list of participants can be found in Annex I to this note.

### II Decisions List of the 7<sup>th</sup> ETP ZEP MG Meeting

No	Decisions	Action on
1	A "decision list", similar to an Action List, will be added to the minutes	<b>SEC</b>
2	The decision was taken not to comment on the remarks of Nick Otter (NO). NO and Advisory Council will involve the MG earlier in the call formulation process	
3	Organize at least once a year a joint meeting between Advisory Council (AC), Coordination Group (CG) and Mirror Group (MG).	<b>Chairmen MG/AC/CG SEC</b>

### III Action List of the 7<sup>th</sup> ETP ZEP MG Meeting

No	Actions	Action on
1	Add a comments list, collected by George Marsh (GM) and Peter Sage (PS) in a PowerPoint presentation, regarding SDD and SRA to the minutes of the 6th MG meeting (16 <sup>th</sup> August 2006, Berlin)	<b>SEC</b>
2	Helmut Geipel (HG) will provide written comments regarding SRA and SDD to BM and SEC	<b>HG</b>
3	Hubert Höwener (HH) and WPL 4 Nikolaos Koukouzas (NK) will prepare a discussion paper covering items for common calls. This will include forms of cooperation forms and examples of different national call procedures and administration.	<b>NK / HH</b>
4	Nick Otter (NO) and the Advisory Council (AC) to involve the MG earlier in the call preparation process	<b>NO / AC</b>

**IV Results of the 7<sup>th</sup> ETP ZEP MG Meeting**

No	Agenda Item	Action on
1	<p><b>Introduction</b></p> <p>The Chairman welcomed all participants and noted Nick Otter (NO), apologies for absence.</p>	
2	<p><b>Adoption of the agenda</b></p> <p>The agenda was adopted without any changes.</p>	
3	<p><b>Adoption of the minutes of the 6<sup>th</sup> MG meeting (16th August 2006, Berlin)</b></p> <p>Delegate of Denmark, Carsten Mathiesen, missed the stated decision of the Mirror Group (MG) in Berlin that energy efficiency in power plants should be more emphasized in the SDD and SRA. In answer it was stressed that these comments have been included in the comments which were collected by George Marsh (GM) and Peter Sage (PS). These Comments were consolidated in a PowerPoint file and were sent by PS to the ETP ZEP for integration into the SRA and SDD.</p> <p>PS noted that, following submission but before the General Assembly, the editor of the SRA and SDD had contacted him to go through in detail the MG comments. It was clear that the MG input to this process was valued highly. It was decided to attach the ppt file of MG comments on the SRA and SDD to the minutes.</p> <p>In future the minutes will include a “decision list”.</p> <p>There were no outstanding actions from the earlier meeting of the MG.</p>	SEC
4	<p><b>Report from the ETP ZEP General Assembly on 12th/13th September 2006, Brussels and subsequent AC and CG meetings</b></p> <p>Denis O’Brien (DOB) gave Nick Otter’s (NO) presentation on the General Assembly</p> <p>The General Assembly had been extremely well supported with nearly 400 delegates. The overall feedback on the GA was positive with lots of useful networking opportunities. Strong support was expressed for a large CCS demonstration project . One highlight was the support the statement WWF gave for CCS. A downside of this GA was the paucity of official government representation. It was thought that this had been due in part to the short time-scale to plan the event. It is the intention to hold another GA in 2007 so detailed planning will start earlier to ensure appropriate representation.</p> <p>Helmut Geipel (HG) of the German BMWi accepted to host one of the next AC meetings in Germany</p>	
5	<p><b>Next Steps for the ZEP (Possibly additional comments to SRA and SDD before final printing)</b></p> <p>The SRA and SDD had still to be finalised and summaries of both documents would be printed.</p>	

**Minutes of the 7<sup>th</sup> Meeting of the Mirror Group (MG) of the ETP ZEP**

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<b>No</b>	<b>Agenda Item</b>	<b>Action on</b>
	<p>John Topper pointed out that the online version of SRA and SDD were difficult to read.</p> <p>DG TREN were preparing a flyer regarding Joint Technology Initiatives (JTI) and this would be of interest to the ZEP given there was interest in funding demonstrations through this means. DG Environment are also known to be working on a publication on CCS.</p> <p>Helmut Geipel (HG) will provide written comments regarding the SRA and SDD to BM and SEC.</p>	<p align="center">HG</p>
<p align="center">6</p>	<p><b>Influence of SRA and SDD on the work programme of FP7</b></p> <p>Brian Morris (BM) read the comments of Nick Otter (NO) on the first Energy FP7 Call. After a discussion the decision was taken not to comment on these notices.</p> <p>There was some discussion regarding whether or not the ZEP and the GA had been earlier enough to input significantly to the FP7 process. A specific concern is if efficiency improvement will feature within FP7.</p> <p>For the next calls the MG should be involved early enough in the call preparations to proactive comment and propose topics before a proposal call is drafted.</p>	<p align="center">AC / CG / NO</p>
<p align="center">7</p>	<p><b>Possible future interactions ZEP / MG and discussion particularly about the MG's position</b></p> <p>It was suggested that joint meetings should be held once a year between Advisory Council (AC) and the Mirror Group. Joint meetings could also include visits to sites of interest. for example in Germany a visit to the "Schwarze Pumpe" site or in Rome in combination with the World Energy Council (17<sup>th</sup> November 2007).</p> <p>A work shop meeting of Coordination Group (CG) and Advisory Council (AC) was to take place on the 5<sup>th</sup> December in Frankfurt. The MG was invited to participate in this meeting; the main focus of it would be to brainstorm options for calls, future organisation of the Technology Platform, future joint activities and communications policy between AC, MG and CG. Also to work through the interface between AC, MG and CG.</p> <p>Hans Modder (HM) presented the 7 work areas general topics of the ZEP. These are:</p> <ul style="list-style-type: none"> <li>• Pilots</li> <li>• R&amp;D</li> <li>• Communication</li> <li>• Cooperation</li> <li>• Regulatory Framework</li> <li>• Financing</li> <li>• General Issues</li> </ul>	

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<b>No</b>	<b>Agenda Item</b>	<b>Action on</b>
	<p>The way forward on these would be the basis of the discussion of the AC and CG in Frankfurt.</p> <p>HM noted that the next AC meeting would take place 22<sup>nd</sup> November in Brussels.</p> <p>HM noted that the next CG meeting would take place 23<sup>rd</sup> January in Brussels.</p>	
8	<p><b>Possible impact on FENCO-ERA activities</b></p> <p>Areas of common interest include:</p> <ul style="list-style-type: none"> <li>• Coordination of National Programmes</li> <li>• Identification of topics not covered by the FP7 as possible topics for trans national calls and activities.</li> </ul> <p>It was agreed that FENCO-ERA WPL 4 would prepare a discussion paper on "Quick start" ideas for common calls. This will include forms of cooperation forms and examples of different national call procedures and administration. A possible first area could be communication and public acceptance issues as these subjects tend not to be sensitive commercially and could therefore easily find common ground.</p>	WPL 4 NK / HH
9	<p><b>CSLF update</b></p> <p>The next full CSLF meeting will take place in Paris (April 2007).</p> <p>CSLF technical group is to meet on 24<sup>th</sup> – 25<sup>th</sup> of January to prepare suggestions and agenda points for the Paris meeting of April 07</p> <p>There was discussion about a workshop on CSLF projects at the Paris meeting</p>	<p style="text-align: center;"><b>ATTENTION:</b></p> <p style="text-align: center;"><b>The CSLF date has since been changed to 26<sup>th</sup> to 28<sup>th</sup> March 07</b></p>
10	<p><b>Brief reports on FENCO-ERA activities</b></p> <p>Work package activities and updates had been presented during the FENCO workshop earlier so were not presented again here.</p> <p>There was a discussion on the possible extension the FENCO ERA-NET for a further year to 5 years. DOB advised that a very robust case would need to be made this early in the project and that FENCO-ERA might wish to consider a delay before making a formal submission. It was noted that this topic would be discussed in more detail during the FENCO ExCo meeting next day 8<sup>th</sup> November.</p>	
11	<p><b>Date and location of next meeting</b></p> <p>The next MG meeting will take place around the FENCO-ERA Workshop in Vienna, again as a joint meeting with the FENCO-ERA ExCo.</p> <p>The period from 16<sup>th</sup> to 17<sup>th</sup> April 2007 has been scheduled for these events.</p>	

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<b>No</b>	<b>Agenda Item</b>	<b>Action on</b>
12	<b>Any other business</b> No other issue was raised.	

**ANNEX I**

**Participants in the 7<sup>th</sup> ETP ZEP MG Meeting**

Morris, Brian Chairman	UK	Department of Trade and Industry (DTI)
Geipel, Helmut, Vice-Chairman	Germany	Bundesministerium für Wirtschaft und Technologie (BMWi)
Riis, Trygve Vice-Chairman	Norway	Research Council of Norway (RCN)
Bergauer-Culver, Bettina	Austria	Bundesministerium für Wirtschaft und Arbeit (BMWA)
Capra, Marcello	Italy	Ministry of Productive Activities
Chatzinicolaou, Panagiotis	Greece	General Secretariat for Research and Technology
Clarke, John	UK	AEA-T FES
Dravnieks, Dainis	Latvia	Ministry of Economics of Latvia
Ehinger, Andreas	France	CEA – ANR/NTE
Ferre, Marian	Spain	Spanish Ministerio de Educación y Ciencia
Hoewener, Hubert	Germany	Forschungszentrum Jülich - PtJ
Jansohn, Peter	Swiss	Paul Scherrer Institut
Klemm, Franz	Austria	Austrian Fenco Initiative
Koukouzas, Nikolaos	Greece	CERTH/ISFTA
Korkiakoski, Martti	Finland	Finnish Funding Agency for Technology and Innovation
Kuckshinrichs, Wilhelm	Germany	Forschungszentrum Jülich – STE
Marsh, George	UK	DTI / AEA-T FES
Mathiesen, Carsten	Denmark	ENERGINET.DK
Modder, Hans	EC	Secretariat ETP-ZEP
O'Brien, Denis	EC	DG RTD
Parente, Joao	Portugal	University of Lisbon
Pyka, Ireneusz	Poland	Central Mining Institute
Ramadori, Maria	Austria	Bundesministerium für Wirtschaft und Arbeit (BMWA)
Reijnders, Jos	Netherlands	SENTERNOVEM
Sage, Peter	UK	AEA-T FES
Topper, John	UK	IEA Clean Coal Centre
Van Dijk, Jan-Job	Netherlands	SENTERNOVEM
Ziogou, Fotini	Greece	CERTH/ISFTA