



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

8th Meeting of the ZEP Government Group (GCG) – formerly Mirror Group (MG)
Vienna, 16th April 2007

RHI Hotel Renaissance, Linke Wienzeile – Ullmannstrasse 71, Vienna, Austria

Final Agenda

Fixed appointments:

16 th April 2007	0900	Opening of meeting
	1300	Close of meeting

Agenda Item		Action
1	Introduction	Chair
2	Adoption of the Agenda	All
3	Adoption of the minutes of the 7 th MG meeting, 7 th November 2006	All
4	Reports from the ETP ZEP AC, CG and TF meetings including all papers produced by the ETP and the preparation of the next GA at Paris October 2007	HM
5a	Discussion Paper: Future Role of the Mirror Group	Chair
5b	Possible future interactions ZEP/MG and discussion particularly about the MG's position	All
6	Possible impact on FENCO-ERA activities	All
7	CSLF update	Chair to lead
8	Brief reports on FENCO-ERA activities	FENCO WPLs
9	Date and location of next meeting	All
10	Any other business	All

Chair: Chairman – Brian Morris, UK DTI, HM – Hans Modder – ETP ZEP Secretariat, WPL: Work Package Leader

I Background:

There are synergies between the FENCO-ERA ExCo and the Government Group (GCG) – formerly the Mirror Group of the European Technology Platform on Zero Emission Fossil Fuel Power Plants (ETP ZEP) and it had previously been agreed to hold a joint meeting of both groups where appropriate for common topics. This was the 3rd joint meeting, the first having been held at Trondheim, Norway in June 2006 and the 2nd at Thessaloniki, Greece in November 2006.

Common issues of both the GCG and FENCO-ERA were discussed at this joint meeting on 16th April 2007. Separately the FENCO-ERA ExCo convened to address FENCO-ERA only business at a meeting on 17th April 2007.

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

Representatives from the UK, Germany, Norway, Greece, the Netherlands, Poland, Spain, Austria, Denmark, France, Latvia and the ZEP Secretariat participated in this meeting. Apologies had been received from Nick Otter (ZEP CG)

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

II Decisions List of the 8th ETP ZEP GCG Meeting

No	Decisions
1	The Government Group (GCG) was agreed as the new name for the Mirror Group
2	The GCG identified members and alternative for participation in the ZEP Task Forces
3	There should be back-to-back meetings of the GCG and the AC at least once a year – preferably in advance of the ZEP General Assembly
4	Where appropriate future meetings of the GCG will be integrated with the FENCO ExCo. If inappropriate then back-to-back meetings will be arranged if feasible to minimise travel requirements

III Action List of the 8th ETP ZEP GCG Meeting

No	Actions	Action on
1	Delegates agreed to progress Country Profiles for ZEP by 1st June. Profiles for Norway and UK already available. Profile for Germany will be produced as soon as possible (HH)	All
2	HM to advise ZEP Task Force leads of GCG nominations and alternates	HM
3	BM and HM to write to Member States advising of change from MG to GCG and inviting participation, etc. Letters to be individually tailored	BM/HM
4	Guidance will be sought from the EC on how to engage national policymakers in the GCG	BM
5	Agreement on organisation and operation of the GCG Secretariat function	HM/HH/PS
6	ToR for GCG. BM will seek feedback from EC. GCG members to comment on “content” of draft ToR	BM/All
7	BM to produce note of recent CSLF meeting at Paris and circulate to GCG members	BM
8	BM to advise need for/date of any interim GCG meeting in advance of GCG meeting in September	BM
9	The need was noted for vigilance regarding registration procedures and attendance at future GCG meetings	All

IV Report of the Meeting

Note of explanation – During this meeting a name change from Mirror Group (MG) to Government Co-ordination Group (GCG) was agreed. To avoid confusion in this report the Group is referred to by its new name wherever practicable.

1. Introduction

The Chairman, Brian Morris (BM) of the UK DTI opened the meeting by introducing Gerald Vones of the Austrian BMWA Ministry hosts and thanking them for their hospitality. Gerald welcomed everyone to Vienna, briefly outlined the Austrian energy scene and stressed the importance of the challenges in hand.

BM noted the significance of this GCG meeting following the ZEP General Assembly in September and the publication of the Strategic Deployment Document and the Strategic Research Agenda. These spelt out the activities needed to meet the TP's objective of having commercially viable CCS technologies by 2020. The GCG therefore had an important future role to play in the activities of the ZEP Technology Platform

2. Adoption of the Agenda

The Agenda for the meeting was adopted.

3. Approval of the Minutes of the 7th Mirror Group Meeting

The minutes of the 7th MG meeting held at Thessaloniki on 7th November 2006 were approved.

4. Report on the ETP ZEP

Hans Modder (HM) of the ZEP Secretariat gave an update on ZEP activities. He referred to the 5 original Working Groups that had inputted to the SRA and SDD. HM noted that these Working Groups had been established by "component" i.e. a horizontal approach. Whilst this enabled an adequate overview for each component its downside was that prioritisation was difficult due to the "silo approach". At the 11th meeting of the ZEP Coordination Group (CG) at Frankfurt in December 2006 four vertically integrated Task Forces were established. These with their leaders are:

- Technology (Stromberg)
- Demonstration and Implementation (Sweeney)
- Policy and Regulation (Thorvik)
- Public Communication (Lacour-Gayet)

In addition an ad hoc Task Force comprising Graeme Sweeney, Gardiner Hill and Frederic Hauge on the Flagship Programme was established (this was attempting to see how the profile of the ZEP could be raised as has the Futuregen project in the USA). Progress has been reported formally to Chancellor Merkel in advance of the spring Council of Ministers Meeting. To date all the Task Forces have had at least one meeting, their work programmes have been endorsed and their leads approved at the ZEP Advisory Council (AC) meeting of 14th March 2007.

The AC is now 18 months old so members are up for replacement/re-election. It seems likely that 3 or 4 additional members will be added. There is some debate about the NGO presence. Bellona has been active within the AC and seems likely to continue whereas WWF has been less so and is unlikely to continue.

HM reported that the AC had noted the lack of Member States overview of CCS activities and had requested "Country Profiles" to be available in advance of the AC meeting on 12th June 2007. This would mean submission to the ZEP Secretariat by 1st June. HM noted that Norway and the UK had already produced drafts and Hubert Höwener (HH) said that one for Germany would be available shortly. HM asked for volunteers to take lead on their own country profiles. Philippe Geiger (PG) undertook to procure the profile for France and further discussion was deferred to the follow-on FENCO Executive Committee meeting.

GCG representation at the ZEP Task Forces was discussed and nominees and alternates for each Task Force were agreed as follows:

- Technology – HH and Peter Jansolm (PJ)
- Demonstration and Implementation – Peter Sage (PS) and Helmut (HG) nominee (Action – HG)
- Policy and Regulation – PG and Trygve Riis (TR)
- Communication – BM and Harry Scheurs (HS)

HM will advise Task Force leads of these GCG nominations (Action – HM). GCG nominees will participate in Task Forces as observers and report back.

Finally HM noted that the next ZEP General Assembly meeting will be at Paris on 3rd October 2007.

5. Discussion Paper: Future Role of the Mirror Group

BM introduced a discussion on the future name and direction of the this Group with reference to a draft paper that had been considered favourably by the ZEP AC and recorded his apology that it had not been offered to this Group first. BM stated that the ZEP had moved on considerably since the production of the SRA and SDD. There is the need for improved coordination and communication between this Group and the AC and CG. There is also the need for more policy representation within this Group to reflect the new Task Force structure. BM described two possible options for Group organisation. First a two tier structure comprising both technical and policy working groups. However this would be bureaucratic and management intensive and more lines of communication would increase the opportunities for misunderstandings. This option was therefore dismissed. The second option comprised a single group but with two representatives from each country one providing technical ad the other policy input.

Regarding communications BM said that the GCG needs to meet to agree lines to take on ZEP proposals. There would continue to be representation by the GCG at the AC and CG meetings. Further there should be back-to-back meetings of the GCG and AC at least once a year (preferably before the General Assembly) to agree outputs from the ZEP's work. BM recommended that the GCG be copied in on all papers produced for the AC and CG before adoption to ensure that the GCG has the opportunity to comment.

BM proposed a name change for the Group so that identification is clearer. The full name will now be "ZEP Member States Coordination Group" and the shorter working name will be "ZEP Government Co-ordination Group (GCG)". This was agreed. Further it was recommended and agreed that the ZEP Secretariat becomes more directly involved in the ZEP GCG. It is now necessary to write to Member States to advise on these changes and to invite representation. Letters will need tailoring for individual Member States (Action BM and HM). BM noted that the EU had not commented on the proposed new structure although Mr Liberalis of the EC had suggested a single MG for all the European Technology Platforms. This suggestion was thought to be unworkable. PG questioned how to attract policymakers

to the GCG given that they can speak direct to the EC. BM will seek guidance from the EC on this (Action BM). BM noted that the EC is aware and has set up an Inter-DG Group to discuss flagship projects, etc.

Both GCG vice-chairs, HG and TR endorsed BM's recommendations for the GCG. TR noted PG's point about attracting policymakers as a core issue adding that the major challenge for the GCG is to coordinate with several DGs. HG stated that ZEP initiatives are industry driven – governments should recognise this and support via licensing, etc. BM noted that UK projects are dependent on the government providing incentives and recognising the issue of long-term storage liability for CO₂. HH commented that the GCG also has a role with respect to long-term research e.g. via Framework Programmes, etc.

A short discussion ensued on the secretariat for the GCG. The ZEP Secretariat in conjunction with PtJ will handle administrative issues. PS agreed to report the present meeting (Action HM, HH and PS to confirm secretariat task sharing for the GCG).

BM introduced draft ToR for the GCG. This document had been circulated for comment to the vice-chairs, the ZEP Secretariat and Nick Otter, Chairman of the CG. However the rest of the GCG had only received it on the 13th April. Recognising this BM invited comments from the GCG on content rather than drafting issues. BM will solicit comments from the EC and advise the GCG (Actions on GCG to comment and on BM to consult the EC).

6. Impact on FENCO-ERA Activities

The likely impact of the future direction of the GCG on FENCO-ERA was discussed. BM stated that FENCO-ERA is still important but there is a need to grow the GCG within the ZEP and that we would need to see how the GCG evolves to see whether it is beneficial to combine future GCG and FENCO ExCo meetings. BM said that FENCO clearly had a very strong role to play in the Technology Task Force and to some extent a role in the Demonstration and Implementation Task Force.

HH noted the requirement for a mid-term FENCO ExCo and suggested September 2007. HM advised that there is an AC meeting scheduled for 5th September 2007 at Madrid. The decision was taken to link these meetings so 4th September at Madrid was agreed for the meetings of the GCG and FENCO ExCo with detailed timings to be agreed later.

7. CSLF Update

BM gave an update on the CSLF. The latest meeting in Paris comprised a plenary session followed by parallel technical and policy meetings and concluded with a further plenary session. BM will produce a report on the CSLF meeting and distribute to the GCG (Action BM). HG noted that the USA had reduced its level of involvement and also that the IEA is currently producing a legal/regulatory framework report on CO₂ storage (a task from the G8 at Gleneagles of July 2005). He added that at the next G8 meeting in Germany in June CO₂ storage is also on the agenda. BM referred to capacity building and also the Carbon Sequestration Conference in June. HG noted a short meeting with the EC in advance of the next CSLF meeting. HG acknowledged that the CSLF is a "meeting place" and cautioned against expecting too much. Nonetheless he added that it is a good networking/information exchange opportunity.

8 Brief Reports on FENCO-ERA Activities

BM suggested that reports on FENCO-ERA activities be deferred to the follow-on FENCO ExCo meeting. This was agreed.

9 Date and Location of Next Meeting

As previously agreed GCG and FENCO ExCo meeting will be held at Madrid on 4th September in advance of the AC meeting there on the 5th September. There will almost certainly be an interim GCG meeting – date to be advised (Action BM).

10. Any Other Business

Professor Herbert Jericha of Graz University arrived before this meeting. He had not registered and claimed that he had been told he could participate by the Chair of the ZEP AC. Because this was a governmental meeting the decision was taken not to allow him to participate. The GCG noted the need to be stringent in future regarding registration procedures, etc.

Peter Sage

30th April 2007

ANNEX I

Participants in the 8th ETP ZEP GCG 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)
Vones, Gerald	Austria	Bundesministerium für Wirtschaft und Arbeit (BMWA)
Bergauer-Culver, Bettina	Austria	Bundesministerium für Wirtschaft und Arbeit (BMWA)
Dravnieks, Dainis	Latvia	Ministry of Economics of Latvia
Ehinger, Andreas	France	CEA – ANR/NTE
Eriksen, Andreas	Norway	Ministry of Economics and Industry
Ferre, Marian	Spain	Spanish Ministerio de Educación y Ciencia
Geiger, Philippe	France	Ministry of Economics, Finance and Industry
Hoewener, Hubert	Germany	Forschungszentrum Jülich - PtJ
Klemm, Franz	Austria	Austrian Fenco Initiative
Koukouzas, Nikolaos	Greece	CERTH/ISFTA
Kuckshinrichs, Wilhelm	Germany	Forschungszentrum Jülich – STE
Marsh, George	UK	Department of Trade and Industry
Mathiesen, Carsten	Denmark	ENERGINET.DK
Modder, Hans	EC	Secretariat ETP-ZEP
Pyka, Ireneusz	Poland	Central Mining Institute
Ramadori, Maria	Austria	Bundesministerium für Wirtschaft und Arbeit (BMWA)
Sage, Peter	UK	AEA Energy & Environment
Schreurs, Harry	Netherlands	SenterNovem
Siemaszko, Andrzej	Poland	Polish Academy of Sciences