



MINUTES OF THE BOARD MEETING BUDAPEST, 28-29 MARCH 2011

Present:

Bernard Quoix, President (BQ)	TOTAL
Catherine Goy, Vice President (CG)	E.ON UK
Herwart Hoenen, Treasurer (HH)	RWTH Aachen
Jacques Maunand (JM)	EDF
Giovanni Cerri (GC)	University Roma TRE
Uwe Kaltwasser (UK)	MTU
Gary Lock (GL)	Frazer Nash Consultancy
Pericles Pilidis (PP)	Cranfield University
André Mom, President Emeritus (AM)	ETN
Christer Bjorkqvist (CB)	ETN
Bernadett Parrag (BP)	ETN

Apologies:

<i>Roald Skorping</i>	<i>Statoil</i>
<i>Andy Williams (AW)</i>	<i>Wood Group</i>

Content:

1. Welcome
2. Review and Approval of MoM Dorking February 2011 (BQ)
3. Review of Actions from MoM Dorking February 2011 (BQ)
4. Review of ETN Activities (CB)
5. Finances: 2010 Results and Budget 2011 (HH)
6. Review of ETN Position Papers (AM, CB)
7. ETN Membership strategy to bring more users in ETN (CB)
8. Final Preparations for AGM and Workshop (CB)
9. Future Outlook for GT Technology (CB)
10. October 2011 Workshop (CB)
11. Other Upcoming ETN activities 2011 (CB)
12. Meeting of the Newly Elected Board 2011-2012

1. Welcome

Bernard Quoix opened the meeting and welcomed the Board members. Roald Skorping and Andy Williams sent their apologies for not being able to join the Board meeting.

2. Review and Approval of the MoM February 2011

The Board approved unanimously the February 2011 Board Meeting minutes.

3. Review of Action List from the MoM February 2011

Action (<i>February 2011</i>)	Outcome / Next action	Responsible
BQ to send a letter in French to Iskender Gokalp (CNRS) on ETN letterhead.	BQ prepared it, and will send it.	CB/BQ
CB to follow up on membership with Siemens Fossil Power (Uwe Pagenkopf and Ralph Schneider) before AGM.	CB to contact Werner Krebs (Siemens) to follow up, BQ to contact Uwe Pagenkopf as well.	BQ/CB
AM to follow-up with Linz AG regarding membership in March / April 2011 again.	April 2011	AM
HH to follow-up on ETN membership with Nico Reuss boss Raymond Loesch-Schloms, MAN	Done. HH had another discussion with Ulrich Orth, who will follow-up internally in MAN. HH to follow up.	HH
CB/BQ to follow-up on the meeting with RR that took place 8 Feb in London regarding membership and try to press for decision before the AGM.	CB reported that RR is interested in re-joining ETN. CB is in contact with Chris Floyd to appoint the RR contact responsible for ETN activities.	CB
UK to follow up with the new boss of Simon Raymond at Volvo later this year as he might be more open to ETN membership		UK
CB and BQ to send an updated membership package to Richard Hutton, Exxon Mobil (VP of GTUI) whom they met at the GE conference in Florence.	Sent, CB to follow-up and copy BQ.	CB/BQ
AM to set up a meeting with Gasunie, to discuss the ETN paper on gas and potential ETN membership	AM and the new ETN Technical Officer, Karen Geris (KG) met Gasunie in Brussels in March. Gasunie showed interest in gas paper and also the gas quality work. Wim Groenendijk and his colleague joined the Board dinner on 28 March in Budapest, to also meet Cath Goy and Dave Abbott (E.ON) to discuss the natural gas interchangeability issues in more detail.	AM
BQ to contact GE Energy (Yves Menat) to follow up on potential membership.		BQ
CB to arrange for new ETN banner to be printed before the AGM in March 2011.	Draft is ready, will be finalised in April/May.	CB
UK to follow up with Tanquy Poline, Air Liquide on the previously sent membership package.		UK
CB to set up meeting with Helsingin Energy (Sauri Makinen) and Neste Oil. CB also to offer Neste Oil to host either the October 2011 Workshop or the AGM in 2012.	CB contacted Helsingin Energia, they are interested in joining ETN, but could not attend the Budapest AGM/Workshop. CB to plan a visit and invite Helsingin Energia to the October Workshop.	CB

AW to contact Birendra Nath, and ask him to prepare a summary of key issues from his IGTC-10 presentation for AGM. CB to contact Irene di Martino.	AW received his presentation.	CB/AW
CB to ask TC leaders to collect short courses within their TCs ahead of the AGM. AM suggested to contact the DGTA as they have website links on short courses (in Dutch, needs translation).	KG will start working on this.	CB/AM
BQ to contact Ed Stokkentreef, Turbocare (NL) to see whether they could join in their own right as Turbocare (Italy) resigned for 2011.	BQ to see with them if they would rejoin. Possible contact Fitz Degens as well.	BQ
CB to investigate alternative less costly options for WIKI hosting, and try to reduce telephone costs.	A first check has been done, all inclusive WIKI hosting services cost in the range of the ETN contractor. However ETN will further investigate other options by the summer to bring down overall IT costs (including WIKI, webex, etc).	CB
CB to prepare draft sponsorship package for the Board to consider by July 2011 meeting.	July 2011	CB
To provide list of gas turbines users, for example from the participating organisations in user conferences and workshops (e.g. 6B user group/VGT).	Wood Group offered to give indirect access to their mailing list. VGT's (DGTA) list is available on the website.	BQ/AW
Draft presentation slides specifically aimed at recruiting users, summarising the benefits of ETN membership	CB presented the slides to the Board, please see respective section.	CB
Check IT options for web registration with tick box for AoA and IR	In process.	CB
Include competition compliance clause / guidelines in the Internal Rules of ETN.	Done	CB
Include the Membership Package and the new competition guidelines in the AGM Conference package	Done	CB
GL to prepare ETN feedback session for AGM (to identify the benefits of ETN and areas for improvement)	GL Consultancy prepared a summary presentation, and Dave Abbott (E.ON) will deliver it.	GL
Invite potential Hungarian member organisations and sister companies of ETN members	Metem Europe joined ETN. MOL Oil & Gas is not interested at the moment, perhaps in a few years. E.ON Hungary was invited, no reply.	CB/BP
TCs to set up a detailed agenda for the AGM workshop with the aim to set up new project groups and projects.	It is important to ask all users to prioritise the matrix topics, not only TC members.	CB/ TC Chairmen

ETN Paper: Technological impact on power plant operation of an increasing amount of renewable energy being added to the grid	The Board discussed the new version of the paper, please see respective section.	AM/CB/BP
ETN Paper: Role of Gas as a Transit Fuel for Meeting Future Emissions Targets	The Board discussed the short scoping paper, please see respective section.	AM/CB/BP

4. Review ETN activities

The Board took note of the update on ETN activities circulated ahead of the meeting by the ETN Secretariat. The Board suggested reviewing one TC at each Board meeting and inviting the Chairman to discuss progress.

Action: CB to invite TC Chairmen to upcoming board meetings, and include the review meeting in the agenda.

5. Finances: 2010 Results and Budget 2011 (HH)

HH presented the final finance report for 2010 ahead of the AGM. The Board commented that the IT costs are too high, and alternative options need to be considered.

ETN membership remained stable, with 5 members resigning and 5 members joining since April 2010.

The Board also discussed the need for a new EU-funded research project. Work needs to start as early as 2012, to ensure continuity it resources and staff. Ideas for new projects included: GTs for CSP (solar), fuel flexibility (following on from the GL gas quality study), H2-IGCC follow-up and other ideas that may come from the TCs and PGs during the ETN workshop.

Action: CB to consider alternative options for WIKI hosting, and try to use Skype for tele-meetings when possible.

6. Review of ETN Position Papers

The technological impact on power plant operation of an increasing amount of renewable energy being added to the grid

The final draft of the paper was circulated to the Board ahead of the meeting. A new page summarising the key messages and putting the paper in the EU context was added. The Board made some comments and clarifications that were incorporated in the text.

Action: CB to circulate the final version of the paper to the Board members, before publishing it on the ETN website and sharing it with EU decision-makers.

The Role of Gas as a Transit Fuel for Meeting Future Emissions Targets

AM presented the one-page outline summarising the purpose of the gas paper. The Board discussed the latest developments in the energy industry, including shale gas, surplus LNG, and the possible impacts of the Fukushima catastrophe.

Action: AM to circulate the updated scoping paper to the Board by the end of April.

7. ETN Membership strategy to bring more users in

Further to the previous Board meeting, CB drafted slides to present ETN specifically to users (power generation, oil&gas and industrial users). The board commented on the slides and made suggestions.

Action: CB to update the slides and circulate it to the Board for further comments.

8. Final Preparations for the AGM and Workshop

The Board suggested contacting ETN members who have not registered for the AGM/Workshop, to give them a summary of the discussions, and ask for their input.

Action: CB to contact ETN members who have not registered for the AGM/Workshop, to give them a summary of the discussions, and ask for their input.

Action: CB to review ETN mailing list (to ensure that all relevant contacts are included from each member organisation).

The Board also discussed the new initiatives approach to be presented at the AGM. The Board recommended that the new approach is presented as a simple process, and to encourage members to contact the ETN office any time with any new idea. The ETN office will then give project management and coordination support to help the ideas taking off.

It has also been suggested to compile a list of the GT fleet used by ETN members in Europe.

Action: CB to contact ETN user members to provide a list of their GT fleet in Europe.

9. Future Outlook for GT Technology (CB)

The Board discussed the report of the Creative session (IGTC-10), which is currently being prepared by Peter Childs (Imperial College), Andre Mom and Christer Bjorkqvist.

Action: CB to circulate the draft of the Creative session summary to the Board.

10. October 2011 Workshop (CB)

Further to the new initiatives approach, the Board suggested the following steps ahead of the October Workshop:

1. Call for Ideas before the Workshop (KG to help Chairmen with presentations – ETN template);
2. Presenting the problem at the Workshop for potential interest.

Action: CB to circulate call for ideas to ETN members ahead of the Workshop.

11. Other upcoming ETN activities 2011 (CB)

Board meeting	28 June 2011	Paris, hosted by Total, with the participation of Klaus Broichhausen
Board meeting	14 October 2011	London
Workshop	12-13 October 2011	Sussex University - tbc
Board meeting	30 Nov/14 Dec 2011	Brussels or Den Haag - tbc

12. Meeting of the newly elected board and the election of President, Vice-President and Treasurer

Following the election of the new Board members for 2011-2012 by the AGM on 29 March 2011, the newly elected Board met to elect as:

President: Bernard Quoix, Total
Vice-President: Catherine Goy, E.ON
Treasurer: Herwart Hoenen, RWTH Aachen.

Jonathan Clarke, Shell is the new board member replacing Roald Skorpung in the category of “Users - Oil & Gas”.

ACTION LIST

Action	Responsible
BQ to send a letter in French to Iskender Gokalp (CNRS).	CB/BQ
Contact Werner Krebs (Siemens) to follow up on membership, and to contact Uwe Pagenkopf as well.	BQ/CB
Follow-up with Linz AG regarding membership in March / April 2011 again.	AM
Follow-up on ETN membership with Ulrich Orth, MAN.	HH
Contact Chris Floyd (RR) to discuss decision about membership and payment details.	CB
Follow up with the new boss of Simon Raymond at Volvo later this year as he might be more open to ETN membership	UK
Plan a visit and invite Helsingin Energia to the October Workshop.	CB
Follow-up with Richard Huttington, Exxon Mobil (VP of GTUI) on membership and copy BQ.	CB
Follow-up on membership with Gasunie.	AM/CB
Contact GE Energy (Yves Menat) to follow up on potential membership.	BQ
Produce new ETN banner.	CB
Follow up with Tanquy Poline, Air Liquide on the previously sent membership package.	UK

Set up meeting with Helsingin Energy (Sauri Makinen) and Neste Oil.	CB
Ask TC leaders to collect short courses within their TCs ahead of the Workshop	CB
BQ to contact Turbocare if they would rejoin. Possible contacts are Ed Stokkentreef and Fitz Degens	BQ/CB
Investigate alternative less costly options for WIKI hosting, and try to reduce telephone costs.	CB
Prepare draft sponsorship package for the Board to consider at the June 2011 board meeting.	CB
Check IT options for web registration with tick box for AoA and IR	CB
Ask all users to prioritise the matrix topics, not only TC members.	CB
Review one TC at each Board meeting and invite the Chairman to discuss progress.	CB
<p><i>The Effect of Increasing the Share of Renewable Energy in the Grid - Technological Challenges for Power Generation, Grid Stability and the role of Gas Turbines</i></p> <p>CB to circulate the final version of the paper to the Board members, before publishing on the ETN website and sharing it with EU decision-makers.</p>	CB
<p><i>The Role of Gas as a Transit Fuel for Meeting Future Emissions Targets</i></p> <p>AM to circulate the updated scoping paper to the Board by the end of April.</p>	AM
Update the slides (Membership strategy to bring more users in) and circulate it to the Board for further comments.	CB
Contact ETN members who have not registered for the AGM/Workshop, to give them a summary of the discussions, and ask for their input.	CB
Review ETN mailing list (to ensure that all relevant contacts are included from each member organisation).	CB
CB to contact ETN user members to provide a list of their GT fleet in Europe.	CB
Circulate the draft of the Creative session report to the Board.	CB
Circulate call for ideas to ETN members ahead of the Workshop.	CB