

ETN Monthly News Summary – April 2013

ETN ANNUAL GENERAL MEETING (AGM) AND WORKSHOP:

ETN's AGM and Workshop was held on 16-17 April 2013 in Pisa, Italy. In the afternoon of 15 April, members had the opportunity to visit ENEL's [Sesta testing facilities](#).

AGM: On 16 April, the President of the Board, Bernard Quoix of TOTAL welcomed the participants to the ETN Annual General Meeting. In his speech he welcomed the 8 new members who joined ETN in 2012-2013 which shows that ETN with its 97 members from 18 countries has become an important player for the whole gas turbine community. ETN Managing Director, Christer Björkqvist gave a general update on ETN activities for the past year as well as an insight into ETN's plans for the coming years. Participants were given an overview of ETN finances and budget, and an update on the EU energy policy as well as on the EU Industrial Emissions Directive. The potential establishment of a Public Private Partnership under the upcoming R&D funding programme Horizon 2020 was also addressed during the AGM.

Panel Discussion: New this year was the Panel Discussion (both with Oil and Gas operators and Utilities) which explored the *Technological challenges and requirements for existing and next generation gas turbines*. It became clear that in the current market, natural gas CC plants are being squeezed between coal and renewables, frequently resulting in the mothballing or the closure of plants. With the current political and market uncertainties in Europe, utilities are looking for new investment opportunities outside Europe rather than within Europe. With regard to gas turbine operations in Europe, the focus is only on short term R&D, on any developments that can reduce their cost of operation (increased life, longer maintenance intervals, etc.), and increase their market share in load-following operations (faster and reliable start-ups and shut downs). The oil & gas sector had a more positive market outlook and longer term R&D focus and requested reliable, small footprint, higher power engines in the range 60-100+ MW that could be used on platforms as well as floating LNG ships operating in harsh environment.

New ETN Board Member 2013-2014: At the AGM, the General Assembly elected the new ETN Board 2013-2014. The newly elected members of the Board can be viewed [here](#).

Workshop: On 17 April, the Workshop held parallel sessions on operational flexibility & fuel flexibility, and on materials degradation and repair technology, asset management and condition monitoring. The sessions gave the participants the opportunity to discuss and progress the ongoing projects and potential new initiatives.

Presentations: The presentations are available on the ETN website. To access the page, please login (right-hand corner of [ETN website](#)) and go to Events and Activities -> ETN Events or [click here](#). If you have not yet created a user account, we encourage you to do so in order take advantage of the members-only features! The minutes of the AGM and Workshop will be available online and circulated to ETN members in mid-May.

CALL FOR CONFERENCE ADVISORY BOARD MEMBERS FOR THE IGTC-2014

We are currently seeking members to be part of the Conference Advisory Board (CAB) 2013-2014 to provide advices and direction to the 7th International Gas Turbine Conference in October 2014. If you would like to influence a major GT conference and gain visibility in the international GT community, submit your interest to the ETN Office as soon as possible. The first teleconference of the CAB will be organised in May 2013. For more information about the CAB responsibilities and the meetings timeline, please [click here](#).



ETN MEMBER OF THE YEAR:

Ole Torp (Mjørud) was awarded Member of the Year for his continuous active involvement in the ETN Exhaust System Project, for his enthusiasm in involving new companies in this Project Group and for taking a leading role as acting Chairman.

NEW ETN MEMBERS:

We warmly welcome **City University London (UK)** and the **National Aerospace Laboratory (Netherlands)** as new members of ETN, and look forward to working with them in the future. Including the latest members, ETN has now 97 members from 18 countries.

ETN ARTICLE IN POWER ENGINEERING INTERNATIONAL

Christer Björkqvist, Managing Director of ETN has been invited to write an **article in the Power Engineering International Magazine**. The article has been published in the Guest editorial section of the PEI Magazine in April 2013. In the same edition, John Oakey, Professor of Energy Technology at Cranfield University has been providing input on an article on advanced gas turbine materials titled "*Part genius, part trial and error*" (page 4). A Gas and Steam Turbine Directory is also available (pages 20-40). To view ETN's article, please [click here](#). To view the complete edition of the PEI Magazine, please [click here](#).

ETN MEMBERS-ONLY WEBSITE: YOUR INPUT IS REQUIRED!

Please create a user account by [clicking here](#)! Once you have created your user account and it has been approved by the ETN administrator, your contact details will appear in the Membership Directory, and you can begin using the members-only features.

TECHNICAL COMMITTEE AND PROJECT UPDATES:

ETN Project Outlines: At the AGM and Workshop in Pisa, the participants discussed new ideas and initiatives, in order to decide if they would be ready to pass Gate 1 (see [ETN Project Process](#)). In order to discuss and develop further the new projects, a meeting will be organised between now and the October Workshop for each initiative that have passed Gate 1. To see a description of the projects that were discussed during the AGM and Workshop, click on the links below:

- [Project Outlines TC 1-2](#) (Operational Flexibility and Fuel Flexibility)
- [Project Outlines TC 3-4-5](#) (Materials Degradation and Repair Technology, Asset Management and Condition Monitoring)

If you have an interest in one of these initiatives, please contact the ETN office. For more information on these projects and for the outcome of the discussions that took place during the AGM and Workshop, please refer to the AGM and Workshop minutes that will be circulated mid-May.

EU POLICY UPDATES:

Emissions Trading System (ETS): On 16 April, the European Parliament voted against the European Commission's proposal, known as "back-loading", aimed to reverse the falling price of carbon that has resulted from a surplus of permits in the ETS market. The carbon market fell by the highest rate ever following the vote, to a record low price of 2.63 euro. If successful, the reform would have resulted in the postponement of a series of auctions of carbon permits towards the end of phase 3, which runs until 2020. At the moment, auctions of permits take place on a regular basis, where companies have to bid for the allowances they need. However, as the market is already swamped, the price of carbon could fall even further. The EC's Back-loading proposal will go back to the European Parliament's Environment Committee (ENVI) in spring 2013 for further consideration. For more information, please [click here](#).



Industrial Emissions Directive (IED): ETN is pleased to announce that its application to become a member of the Industrial Emissions Directive's *Forum* has been accepted by the European Commission. This comes after ETN met earlier in March with representatives from the European Integrated Pollution Prevention and Control Bureau (EIPPCB), who are in charge of drafting the Best Available Technologies Reference document (BREF) for Large Combustion Plants (LCP). As a member of the *Forum*, ETN will have the opportunity to influence the draft text before the final draft is circulated to the Technical Working Group members for review, as well as to nominate expert members to the Technical Working Group. It was decided during the recent AGM to formally set-up an ETN IED Committee based on expressed interest dealing with the IED. A first teleconference between the new ETN Committee members is scheduled 3 May 2013. ETN will keep you updated on the latest developments regarding the IED.

The Future Climate and Energy Package 2030: On 24 April, EU Energy and Environment Ministers met in Dublin, Ireland for the Informal Environment Ministerial Meeting where they discussed the Green Paper on the future 2030 framework for climate and energy policies, published earlier by the European Commission (EC). After the meeting, it appeared that no consensus was reached between Member State leaders.

The EC's Green Paper officially launches the public consultations that will last until 2 July 2013, allowing Member States, other EU institutions and stakeholders to express their views on the potential climate and energy targets for 2030. Those views will feed into the EC's on-going preparations for a more concrete proposal for the 2030 framework which is set to be published by the end of 2013, aiming at a formal adoption in 2015.

PLEASE NOTE THE FOLLOWING UPCOMING GT EVENTS:

ETN event:

ETN Annual Workshop, 8-9 October 2013 (location to be confirmed)

Other gas turbine events supported by ETN:

ASME Turbo Expo, San Antonio, Texas, USA, 3-7 June 2013 (*ETN members are entitled to a discount*)

POWER-GEN Europe, Vienna, Austria, 4-6 June 2013 (*ETN members are entitled to a discount*)

ETN's News Summary is distributed internally to ETN members at the end of each month.

ETN's Quarterly Newsletter is circulated to members and external contacts every quarter. The next edition will be July-September 2013.