

ETN News Summary – March 2012

ETN Annual General Meeting and Workshop: the ETN AGM and Workshop will be held in Berlin, Germany on 17-18 April 2012. In the morning of the 17 April, prior to the start of the AGM at mid-day, there will be the possibility of attending a site visit of one of the following: TU Berlin's laboratory, Vattenfall's CHP plant or MTU's Overhaul facilities.

This year's Annual General Meeting and Workshop are particularly interesting and valuable to attend. There will be presentations on upcoming R&D project opportunities, discussions on future priority R&D areas, EU policy updates and the latest developments on the Industrial Emissions Directive (IED). Furthermore, ETN has been undergoing considerable reorganisation, and will be presenting its new internal structure and project development process, new visual identity and website, as well as introducing the new ETN Board and Project Board. Please find the updated [agenda](#) attached.

The deadline for registration has been prolonged until Friday 6 April. Please find the [registration form](#) attached.

ETN Board Members Election 2012-2013: The ETN Board members for 2012-2013 will be elected at the upcoming ETN AGM on 17 April 2012 in Berlin, Germany. For more information on the role of the ETN Board, and to view the profiles of the candidates please [click here](#).

Gas Turbine Short Courses: The courses, part of ETN's new educational programme, will be directed by The Department of Power & Propulsion, Cranfield University and hosted by Total in Pau, France on 4-8 June 2012.

The objective of the courses is to familiarise the participants with engine and component design and the performance of gas turbines for the energy sector. The course content has been chosen primarily to be of benefit to employees who are (or will be) involved in engine performance evaluation, operations and maintenance. The courses will be of particular value to practising engineers in gas turbine user industries who could benefit from an overview of the design and performance of the entire engine. Upon completion of the course, participants should emerge with an improved appreciation of gas turbines, adding extra value to both their past and future experiences. For more information please [click here](#) or find the invitation attached.

ETN New website: the current ETN online platforms are in the process of being combined and recreated. The new ETN public and internal website will be more user-friendly, focused and attractive, as well as reflect the new ETN internal structure currently being developed. We look forward to presenting and demonstrating it to you at the ETN Annual General Meeting in Berlin, Germany.

New ETN Members: we warmly welcome E.ON Anlagenservice (Germany), Alitalia Maintenance Service (Italy), Pratt & Whitney Power Systems (United Kingdom) and Chalmers University (Sweden) as new ETN members, and look forward to working with them in the future.

ETN Technical Committee (TC) and Project Group (PG) Headlines

Please use the [ETN Wiki Site](#) to contribute to the TC and PG activities. Please contact the [ETN office](#) for login details.

A full [TC/PG Update](#) report, covering all initiatives, is available on the ETN website. You can find the report on the ETN website under Member Area – Technical Committees. Please find below a selection of some ongoing activities requesting feedback from ETN members.

Technical Committee Updates:

TC3 – 4: Filtration Questionnaire

Filtration companies (AAF, Donaldson and Camfil Farr) have developed a [Position Paper on Filtration Technology](#). The objective of this Position Paper is to allow the Users to have a single point of reference for state-of-the-art filtration technology, as well as to establish a framework of metrics to correlate best practice filtration, with the aim of increasing efficiency and reliability.

Members of ETN, which are Users, are encouraged to complete the following questionnaires, and return them to the [ETN Office](#) by Thursday 9 April 2012:

- [Filtration Technology Paper Survey](#): seeks feedback from ETN members on the position paper.
- [Filtration Site Survey](#): seeks feedback on the different type of installations of ETN members' gas turbine operators. Given that the performance of the gas turbine depends on the combustion air quality, which is related to the local pollution encountered on site, we would like to ask you to forward the questionnaire to your individual sites, and complete one Questionnaire per site.

Each questionnaire takes no longer than 5 minutes to complete.

Project Group Updates:

Exhaust Systems:

The [ETN Exhaust Systems PG](#) is making great progress in the formation of an ETN standard for exhaust systems. The group is currently focused on composing a standard for Waste Heat Recovery Units (WHRU), and in the future will also review the API standard on Heat Steam Recovery Generators (HRSG). During the last meeting on 15 March 2012 in Bergen, the group decided on a timeline for the finalisation of the ETN WHRU standard, and to develop an ISO WHRU and HRSG standard at a later stage. Frazer-Nash and RWTH Aachen presented a work plan for a CFD validation case, which will be used to highlight the possibilities and importance of CFD simulation in the standard. A clear Description of Work (DoW), outlining the benefits of the use of CFD in the design process, including a clear timeline and the financial overview of the costs, is to be distributed amongst interested ETN members during April 2012.

If you would like more information on the Exhaust Systems PG and the CFD Validation case, please contact the [ETN Office](#).

GT Events

You can find links to GT events on the ETN website [Events](#) page.

Please note the following GT event:

[ETN Annual General Meeting and Workshop](#), Berlin, Germany, 17-18 April 2012

[Turbine Forum 2012 - Advanced Coatings for High Temperature](#), Nice, France, 25-27 April 2012

[NexTurbine2012](#), Shanghai, China, 23-24 May 2012

[Gas Turbine Short Courses](#), Pau, France, 4-8 June 2012

[ASME Turbo Expo](#), Copenhagen, Denmark, 11-15 June 2012

[PowerGen Europe](#), Cologne, Germany, 12-14 June 2012

[9th European Fluid Mechanics Conference](#), Rome, Italy, 9-13 September 2012

[6th International Gas Turbine Conference – The Future of Gas Turbine Technology](#), Brussels, Belgium, 17-18 October 2012

Please let us know if you have an event you would like to be disseminated.

6th International Gas Turbine Conference – The Future of Gas Turbine Technology: Sponsorship opportunities: there are still sponsorship opportunities available for the upcoming Conference, which is an excellent prospect for ETN members to enjoy visibility in front of a high-level international audience. The [Sponsorship Order Form](#) can be found on the [conference website](#), in which we offer several different Sponsorship

Packages, as well as flexible personalised options that correspond to your specific request for visibility at the conference. If your organisation is interested in sponsorship, please contact the [ETN Office](#).

LinkedIn: ETN has a profile on LinkedIn, which you can follow by [clicking here](#).

European Policy News

March 2012

[European Energy Companies Question Binding Targets](#)

[New IEA Head Outlines Key Objectives](#)

[EC highlights R&D Job Creation Potential](#)

February 2012

[Energy Companies Join Forces to Call for 2030 Targets](#)

[TAP project selected as preferred partner for Azerbaijani gas field](#)

[Increase in Global LNG Supply and Demand](#)

January 2012

[Danish EU Presidency Priorities](#)

[Recent days have seen significant oil and gas discoveries in Northern Europe](#)

[BP publishes Energy Outlook 2030](#)

[European Commission Energy Roadmap 2050](#)