

ETN Monthly News Summary – November 2015

SAVE THE DATE – ETN AGM AND WORKSHOP 2016

Save the date for the upcoming ETN AGM and Workshop, set to take place on 26-27 April 2016 in Prague, Czech Republic. The preliminary agenda, the accommodation option and the registration link will be sent early in January 2016.

Here is an overview of this year's AGM topics:

- ETN activities report 2015-2016
- Future ETN strategy and activities
- Financial report and budget
- Election of ETN Board members for 2016-2018
- Presentation of the updated R&D Recommendation Report 2016
- EU energy policy update
- On-going activities in ETN Technical Committees and Project Groups

CALL FOR PAPERS – 8TH INTERNATIONAL GAS TURBINE CONFERENCE (IGTC)

Only three days to submit an abstract for the 8th IGTC: Deadline 4 December 2015.

Review Papers giving a comprehensive technology overview of the past two years or **Case Study Papers** describing recent experiences as well as **Technical Papers** describing technology advances and innovative solutions are welcome in the following technical areas:

- **Flexible Operation & Fuel Flexibility**
- **Materials**
- **Plant and System Integration**
- **Turbomachinery**
- **Power Generation Operator Priorities**
- **Manufacturing and Repair**
- **Oil & Gas Operator Priorities**
- **Combustion**

The International Gas Turbine Conference is organised biennially and aims to raise the awareness of gas turbine (GT) technology development needs – from both oil & gas and power generation operators' perspectives - and to provide the opportunity to meet and exchange ideas with policy makers and GT experts from the whole value chain attending from Europe, America, Middle East, and Asia. The conference will highlight the energy market outlook in Europe and in key markets globally, as well as to present and discuss on-going R&D activities on flexible, efficient and environmentally sound gas turbines.

For more information about the topics and the submission procedure, please see the [Call for Papers](#) or contact the ETN office.

UPDATE OF THE R&D RECOMMENDATION REPORT

ETN's [R&D Recommendation report 2014](#) will be updated by the Project Board early in 2016. Please review the report and submit your comments and suggestions for the second edition of the report until **18 December 2015**. The ETN office will provide the information received to the Project Board for their consideration. You can send your comments directly to Ugo Simeoni, ETN's Technical Project Manager at us@etn-gasturbine.eu.



INTERNATIONAL GAS TURBINE CONGRESS 2015, TOKYO, JAPAN

The 11th International Gas Turbine Congress 2015 Tokyo (IGTC2015 Tokyo) organised by the Gas Turbine Society of Japan was held on 15-20 November 2015 in Tokyo, Japan. As a collaborative society, ETN attended the event and participated to a high level panel discussion on *Energy Strategy: The Role of Gas Turbines in the Future Energy Network*. You can view the final program by [clicking here](#) and contact the ETN office if you are interested in any of the technical papers presented at the Congress.

SPONSORSHIP OPPORTUNITIES - 8TH INTERNATIONAL GAS TURBINE CONFERENCE (IGTC)

The sponsorship opportunities for the IGTC-2016 to be held in Brussels on 12-13 October 2016 are now available! As a member of ETN you have preferential access to the various sponsorship packages that are available for the IGTC-16, before they are opened to the wider gas turbine community in 2016. We offer several Sponsorship Packages, as well as flexible options that should correspond to your specific needs for visibility.

Already confirmed sponsor: Mitsubishi Hitachi Power Systems will be the IGTC-16 Gold Sponsor!

Be an exhibitor! The IGTC-16 will take place in a different and more spacious venue (The Plaza in Brussels) in order for the exhibitors to have higher visibility and more interaction with the participants. The exhibitors' area will be located in the conference lobby where all coffee breaks will take place.

You can view the Sponsorship Information Package by [clicking here](#). Please contact the ETN office should your organisation be interested in sponsoring or in being an exhibitor at the IGTC-2016.

NEW ETN MEMBERS

We warmly welcome **Cullum Detuners** (UK) and **BURN Joint Research Group of ULB & VUB** (Belgium) as new members of ETN. Including the latest members, ETN has now 108 members from 18 countries.

TECHNICAL COMMITTEE AND PROJECT UPDATES

OMSOP Consortium Meeting: On 25-26 November 2015, the OMSOP project partners met in Stockholm, Sweden to discuss the latest developments of the project. The OMSOP project is making good progress and is now in the final stage of the component development and preparation phase. The final demonstration phase will start early in 2016 on the component level and in mid-2016 as a stand-alone system. First the receiver and the 3D printed micro gas turbine will be demonstrated individually and then shipped to Rome for ENEA to assemble the complete package with the parabolic dish before the start of the system demonstration. Parallel to this, an optimised design of the components and the system based on obtained data and techno-economic analysis is being developed for future testing and deployment.

Micro Gas Turbine (MGT) Project: Following the MGT meeting held in Brussels in October 2015, the MGT Working Group (WG) is working on drafting a description and way forward for five main MGT challenges: Fuel Flexibility, Materials, Recuperator, Efficiency and Cycle. These documents represent a core section of the MGT vision document that the WG aims to compile.

The MGT WG will have separate teleconference calls on the five MGT challenges to discuss their inputs and continue paving the way forward. If you would like to join one of these teleconference calls, please contact Ignacio Lescano, ETN at il@etn-gasturbine.eu.

- Recuperator: 3 December (11:00-12:00)
- Materials: 4 December (11:00-12:00)
- Efficiency: 4 December (15:00-16:00)
- Fuel Flexibility: 11 December (10:00-11:00)
- Cycle: 14 December (15:00-16:00)

POLICY UPDATES

Energy Union: Following the publication of the “Framework Strategy for a Resilient Union” in February 2015, the European Commission (EC) published in November 2015 the first State of the Energy Union Report which shows the progress that has been made over the last nine months, identifies key action areas for 2016 and provides policy conclusions at Member State, regional and European levels. The EC has committed to present these reports annually in order to address the key issues and steer the policy debate. The EC has also published 28 factsheets (one per Member State), giving an overview of where each Member State stands today on many aspects of the five dimensions of the Energy Union. For more information, please [click here](#).

UN Climate Change Negotiations COP21: The United Nation Conference on Climate Change will take place from 30 November to 11 December 2015 in Paris, France. Currently, 176 countries representing more than 90% of global emissions have presented their contributions to the Paris Agreement. Based on the current contributions, the world would be heading for a rise of around 3°C, that is between 2.7°C and 3.5°C by the end of the century. One of the challenges of the Paris agreement will be to establish a periodic review mechanism to raise the ambition of each Party.

PLEASE NOTE THE FOLLOWING UPCOMING GT EVENTS

ETN internal meetings:

- **Teleconference call: MGT - Recuperators:** 3 December 2015 (11:00-12:00)
- **Teleconference call: MGT - Materials:** 4 December 2015 (11:00-12:00)
- **Teleconference call: MGT - Efficiency:** 4 December 2015 (15:00-16:00)
- **Teleconference call: MGT - Fuel Flexibility:** 11 December 2015 (10:00-11:00)
- **Teleconference call: MGT - Cycle:** 14 December 2015 (15:00-16:00)
- **ETN Board meeting:** 6 January 2016, Brussels, Belgium
- **IGTC-16 CAB meeting:** 27 January 2016, Brussels, Belgium
- **ETN Project Board and TC Chairs meeting:** 28-29 January 2016, Brussels, Belgium
- **ETN AGM and Workshop:** 26-27 April 2016, Prague, Czech Republic

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 January-March 2016.