

## ETN Monthly News Summary – September 2016

### **8<sup>TH</sup> INTERNATIONAL GAS TURBINE CONFERENCE: THIS IS NOW!**

The IGTC-16 is taking place on 12 and 13 October in Brussels. It is high time [to register](#) if you have not done it yet. This event will be an outstanding chance to meet numerous actors from the whole gas turbine community, extend your network or exchange experience and best practice. Keynote sessions and technical sessions will offer a complete overview on the policy framework, the technology developments and the market opportunities. The whole chain of value will be represented, including all the OEMs at a senior executive level from Siemens, Mitsubishi Hitachi Power Systems, GE Power, Ansaldo Energia, Solar Turbines and MAN Diesel & Turbo. Key policy-makers from the European Commission, the US Department of Energy or the International Energy Agency will also be present together with top-tier researches. Not to be missed!

You can download the preliminary programme on [ETN's website](#). It will be updated regularly.  
Contact: Thibault Bouterin [tb@etn-gasturbine.eu](mailto:tb@etn-gasturbine.eu)

#### **Practical information:**

12-13 October 2016  
Le Plaza Hotel  
Boulevard Adolphe Max 118-126  
1000 Bruxelles

#### **Invitation** **IGTC welcomes reception**

ETN members are welcome to join for a small informal gathering at the Brussels office on the eve of the 8<sup>th</sup> IGTC. Drinks and finger food will be served.

[ETN Office](#)  
[Chaussée de Charleroi 146-148](#)  
[1060 Bruxelles](#)

### **R&D RECOMMENDATION REPORT, 2016 ISSUE**

Ahead of the IGTC, ETN will release the new issue of its R&D Recommendation Report. Prepared by the Project Board, the goal of this biennial report is to analyse the needs of the users of gas turbines and to prepare the future of the technology on that basis. It identifies the required technological developments and the R&D leads to follow in order to ensure (and enhance!) the relevance of the gas turbine technology. To do so, the report fully integrates the current technological state of the art and the policy targets in terms of energy, environment and climate change at EU and international level, in line with the Paris Agreement context. The report also intends to raise awareness to reach out beyond the GT community. Soon available on [www.etn-gasturbine.eu](http://www.etn-gasturbine.eu)

#### **Foretaste**

Have a look at the topics tackled by the report:

- Market conditions & political boundaries
- Operational Flexibility
- Efficiency at all load conditions

- Fuel Flexibility
- Emissions
- Carbon Mitigation
- Materials
- Reliability, Availability and Maintenance
- Sensor and Instrumentation
- Micro-Gas Turbines
- ETN Projects
- Proposed Type of Projects

### **ETN USERS MEETING**

Ahead of the IGTC, ETN is organising on 11 October in Brussels a meeting for the gas turbine user community from both power generation and oil & gas sector.

### **A NEW MEMBER JOINS ETN**

ETN welcomes MAPNA Europe, which is the European branch of an Iranian conglomerate operating in the fields of power generation, oil and gas and transport. Gas Turbine's World ranked the group amongst the top 10 power plant manufacturers in the world. ETN looks forward to working together with this new member!

### **POLICY UPDATE**

**Industrial Emissions Directive:** ETN has been invited to take part to the work of the Forum created by the Industrial emission Directive (Article 13) to define the Best Available Technology Reference Documents (BREFs) for Large Combustion Plants (LCP). Those BREFs will help define the conditions under which permits will be delivered by Member States for such plants to operate. ETN has together with EUTurbines produced joint comments. Another meeting is planned on 20 October 2016 in Brussels.

#### **What is the IED?**

The Industrial Emissions directive (2010/75/EU) replaced the Large combustion Plant Directive and intends to curb the emissions of pollutants due to industrial installations. The IED also encloses special provisions for the emissions of certain pollutant from combustion plants with a total rated thermal input equal to or greater than 50 MW. Under this threshold, plants are covered by the Medium Combustion Plants Directive (2015/2193).

**SET Plan:** A meeting is planned on Thursday 29 October to pursue the consultation regarding the Action 6 of the New Integrated Strategic Energy Technology Plan (SET-Plan) set by the European Commission. All of the 10 actions that this SET Plan identifies are currently subject to a consultative process with all stakeholders in order to turn them into concrete actions, on the basis of [Issue Papers](#). This action 6 "*Continue efforts to make the EU industry less energy intensive and more competitive*" is one of the two on which ETN has released comments, in a [joint statement](#) with EU Turbines.

### SET-Plan

The purpose of the SET-Plan is to accelerate the development and deployment of low-carbon technologies by “*improving new technologies and bringing down costs by coordinating research and helping to finance projects*”. It gives body to the 5<sup>th</sup> pillar of the Energy Union Strategy dedicated to Research and Innovation (see *Quarterly Newsletter April-June 2016*).

### CALL FOR PROPOSALS

**LCE-28-2017:** Highly flexible and efficient fossil fuel power plants. The proposal should focus on solutions starting from TRL 3 and reaching TRL 4-6 (technology demonstrated in relevant environment). The objective is to increase the flexibility of the plants' components and/or of the turbomachineries needed to better integrate the RES into the grid. The funding rate is 100%. The deadline is 5 January 2017.

More information [here](#)

**Material Database:** ETN is considering the creation of a platform collecting data for gas turbines and share information amongst its members. This project is still in the phase of reflexion, but anyone who could be interested in such a platform and has suggestion can contact Ugo Simeoni: [us@etn-gasturbine.eu](mailto:us@etn-gasturbine.eu)

### PLEASE NOTE THE FOLLOWING UPCOMING GT EVENTS

#### **ETN internal meetings:**

- **High-Level Users Meeting –invitation-only-**: 11 October 2016, Brussels, Belgium
- **8<sup>th</sup> International Gas Turbine Conference:** 12-13 October 2016, Brussels, Belgium
- **Board meeting:** 15 November 2016, Brussels, Belgium
- **ETN Air Filtration Meeting:** 16-17 November 2016 (tbc), Brussels, Belgium
- **AGM 2017:** April/May 2017, tbd
- **LM2500:** 14-15 June 2017

#### **Other meetings and conferences:**

- **[SGT5-2000E Users Conference:](#)** 1-3 November 2016, Rome (organised by GTUsers.com)
- **[GT26 User Conference:](#)** 29 November – 1 December 2016, Madrid (organised by GTUsers.com)
- **[Power Generation Gas Turbine User Group:](#)** 6-7 December 2016, Birmingham (Supporting partner discount to all ETN members)
- **Global Power and Propulsion Society's Inaugural Forum:** 16-18 January 2017, Zürich
- **[12th European Turbomachinery Conference:](#)** 3-7 April 2017, Stockholm

**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 October-December 2016.**