

## ETN Monthly News Summary – June 2016

### **8<sup>TH</sup> INTERNATIONAL GAS TURBINE CONFERENCE (IGTC), 12-13 OCTOBER 2016**

Registration for the IGTC-16 is now open! The 8<sup>th</sup> edition of ETN's biennial international conference "The Future of Gas Turbine Technology" will take place on 12-13 October 2016 in Brussels. The conference offers a platform on the crossroads of science, technology, policy & business related to gas turbine technology where attendees will have the opportunity to discuss and get an insight on future market opportunities within the current policy framework as well as on the latest technology development in key areas. For more information, please visit the [IGTC-16 webpage](#).

**Registration:** [Click here to register!](#)

**Preliminary Programme:** [Click here to download the preliminary programme](#).

**Accommodation:** ETN has negotiated rates for rooms (including breakfast, WIFI access and VAT) at **EUR 180.00** per night, available until **10 September 2016** on first come, first served basis. To book your hotel room, please fill the [Hotel Booking Form](#) (also attached to this email) and send it directly to Hotel Le Plaza to [reservations@leplaza.be](mailto:reservations@leplaza.be).

**Sponsorship opportunities:** [Download the Sponsorship Package](#) now to view the sponsorship opportunities for the IGTC-16. Please contact Dominique Cornut, ETN at [dc@etn-gasturbine.eu](mailto:dc@etn-gasturbine.eu) should your organisation be interested in sponsoring the IGTC-16.

### **LM2500 USER GROUP**

On 1-2 June 2016, high-level representatives of LM2500 operator companies from Europe, North and South America and Africa met for the first ETN LM2500 User Group Meeting (UGM) at the Shell Technology Centre in Amsterdam. An overall fleet of 302 engines was represented at the event.

Following the first LM2500 Users Group Meeting, held 1-2 June 2016 in Amsterdam, ETN will connect with the Users involved in the LM2500 User Group Meeting as well as with the wider LM2500 User Community with two Newsletters. These newsletters will be sent strictly to users that own and operate an LM2500 engine.

- **The LM2500 Follow-Up Letter:** This monthly newsletter will be sent to the LM2500 Users that are already registered for the LM2500 User Group.
- **The LM2500 Newsletter:** This bi-monthly newsletter will be sent to the wider LM2500 User Community that has not yet registered to the LM2500 User Group.

### **NEW ETN MEMBER**

We warmly welcome the [EMW Filtertechnik](#) (Germany) as a new ETN member and look forward to working with them in the future.

### **ETN REPRESENTED IN TWO EUROPEAN TECHNOLOGY & INNOVATION PLATFORMS: "SMART NETWORKS FOR THE ENERGY TRANSITION" & "RENEWABLE HEATING & COOLING"**

**1. ETIP "Smart networks for the energy transition":** The European Commission (EC) is currently restructuring the European Technology & Innovation Platform (ETIP) "Smart Grids", having recognised the importance of thermal power generation and its stakeholders in the development of a future energy system with a high integration of renewables. The ETIP involves all stakeholder recognised by the EC as key actors in driving innovation, knowledge transfer and European competitiveness.

The new ETIP will be called "**Smart networks for the energy transition**" and it has the objective to identify the research topics, which would be the pillars of the European Strategic Energy Technology Plan

for future energy systems at European level. A high level Governing Board is being constituted with representatives of the stakeholder groups who will set the pace to make sure that centralised and decentralised power plants are flexible enough to satisfy the new smart grids' requirements.

Five sectoral industry associations representing the Thermal Power Generation stakeholders: ETN (users, OEM's, suppliers, R&D community); COGEN Europe (Cogeneration with both GT and gas engines); EUTurbines (OEMs for gas & steam turbines); EPPSA (power plant suppliers) and EUGINE (OEMs for reciprocating engine and its power plants) have been asked by the European Commission to nominate three representatives for the three seats that are available for the Thermal power generation sector. The nominated persons that will represent the interest of the five associations will be announced soon.

## 2. ETIP “Renewable Heating & Cooling”

The ETIP “Renewable Heating & Cooling” (RHC) brings together stakeholders from the biomass, geothermal and solar thermal sector - including the related industries such as District Heating and Cooling, Thermal Energy Storage, Hybrid Systems and Heat Pumps - to define a common strategy for increasing the use of renewable energy technologies for heating and cooling.

The ETIP “Renewable Heating & Cooling” is constituted by five technology panels: Solar Thermal, Biomass, Geothermal, Cross-Cutting and Heat Pump. ETN is currently in discussion with the Chairs of the technology panels in order to find areas of common interest and pave the way for new cooperation projects focusing on hybrid systems where renewable energy sources could be used for the operation of gas turbines.

On 28 June 2016, Andreas Huber, DLR/Chair of ETN's Combustion Working Group within the Micro Gas Turbine Project has been elected to be a member of the Biomass Panel Steering Committee and will represent ETN's interests in this panel.

The Biomass Technology Panel aims to pave the way for biomass based heating and cooling in Europe. The activities of the Panel will deliver comprehensive documents, outlining a strategy for the sector. The Biomass Technology Roadmap, produced by the Steering Committee outlines a number of actions and investments needed in the short- and long-term to implement the biomass strategic research priorities, and will be used by the European Commission as a consultative document for the draft of upcoming R&D calls. **The final aim of the Biomass Technology Panel is to unlock national and European funds for R&D, enabling the successful deployment of biomass based heating and cooling technologies in Europe.**

## POLICY UPDATES

**EUSEW Policy Session on Micro Gas Turbine:** On 15 June, ETN together with COGEN Europe, AEBIOM and the Renewable Heating & Cooling Platform organised a Policy Session during the European Union Sustainable Energy Week (EUSEW) entitled “**Micro Gas Turbines put a new spin on green energy production**”. More than 50 participants attended the event.

The objective of the Policy Session was to highlight that micro gas turbine integrated with renewable energy sources is a sustainable technology that can play an important role in a low carbon European Energy Scenario. The session presented future opportunities for high-efficiency, reliable, and environmentally-friendly combined heating/cooling and power (CHP) systems based on micro gas turbine (MGT) technology, integrated with solar and biomass energy sources given the current climate and energy policies.

During the event, it was demonstrated that MGTs have a large potential to become a highly important power generation source for different applications, including CHP systems. In an EU context where the demand for heating power amounts to 46% of EU final energy use and where 40% of that energy consumption is related to buildings, MGT CHP systems can easily justify their place in the future energy sector. For more information, [click here](#).



**PLEASE NOTE THE FOLLOWING UPCOMING GT EVENTS**

***ETN internal meetings:***

- **ETN Board Meeting:** 19 July 2016, Brussels, Belgium
- **Project Board Meeting:** 9 September 2016, Brussels, Belgium
- **ETN High Level User Meeting:** 11 October 2016, Brussels, Belgium
- **8<sup>th</sup> International Gas Turbine Conference:** 12-13 October 2016, Brussels, Belgium

***Other meetings and conferences:***

- **SGT5-2000E Users Conference:** 1-3 November 2016, Rome, Italy (organised by GTUsers.com)
- **GT26 User Conference:** 29 November – 1 December 2016, Madrid, Spain (organised by GTUsers.com)
- **12<sup>th</sup> European Turbomachinery Conference:** 3-7 April 2017, Stockholm, Sweden

***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 2016.***