

ETN Monthly News Summary – September 2015

ETN OCTOBER WORKSHOP: 21-22 OCTOBER 2015, MADRID, SPAIN

Do not forget to register! The upcoming ETN Workshop will take place on 21-22 October 2015 in Madrid, Spain at the Technical University of Madrid.

The expected outcome of the ETN Workshop is to:

- Provide a clear message to the industry and R&D community on the priority issues of the oil & gas and power generation user communities;
- Generate real actions with short- & medium-term objectives that can address and help the user community to overcome their main issues;
- Identify medium- & long-term research issues (generic but specific in nature to add real value to the user community) where ETN can push for research opportunities in future EU-funded R&D programmes;
- Progress on ongoing Technical Committee (TC) initiatives.

Agenda and Documentation: Please find attached to this email the following documents or click on the links below:

- [Workshop Agenda with maps and directions](#)
- [A status of ETN projects and initiatives](#) (ETN projects report)

Registration: Register online for the Workshop by [clicking here](#) before **14 October 2015**.

Evening Dinner - Casino de Madrid: An evening dinner will take place on the evening of 21 October 2015 at the [Casino de Madrid](#). Please note that in order to access the Casino de Madrid, *jacket and tie are required for Gentlemen. Sports shoes and Jeans are not allowed.*

Accommodation: ETN has made a group booking at the VP Jardin Metropolitano. The deadline to book a room at the negotiated price of 106,35 € has passed (28 September), however we recommend you to contact the hotel by email at metropolitano@vphoteles.com as they might still have rooms available.

USER MEETING

A user meeting will also take place prior to the Workshop in order to bring in key issues of interest to the users. Representatives from Total, Shell, Engie (GDF Suez), E.ON Technologies, EDF, SSE, Enel and Gas Natural Fenosa have already confirmed their presence.

Objective: The objective of this meeting is to identify and agree on technical priority issues to address for both the oil & gas and the power generation user communities. This will give a clear and strong message to the suppliers and R&D community of what to focus on.

Registration: If you are a gas turbine User and would like to participate to this meeting, please contact Dominique Cornut, ETN by email dc@etn-gasturbine.eu.

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

The Call for Papers for the 8th IGTC-2016 has been published. The deadline to submit abstracts is **13 November 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.

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

The sponsorship opportunities for the IGTC-2016 to be held in Brussels in 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.

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 STAFF

Ilona Kolb: Ilona Kolb has joined ETN as our new Administrative and Financial Officer. Ilona will be responsible for supporting the daily functions of the office and she will take care of all financial and HR matters. Ilona, who is a native Hungarian and Ukrainian speaker has graduated with an Economics degree from Syracuse University, USA and has gained a valuable experience working for different financial institutions in the US. "I am very excited to join a talented team of colleagues and am looking forward to meeting and working with ETN members. I hope my skills and experiences will be an asset to the Network."

TECHNICAL COMMITTEE AND PROJECT UPDATES

Condition Based Monitoring Project: There are on-going teleconferences to define the new structure of the project following the gas turbine Users' inputs.

Exhaust Systems Project: A meeting took place in Pau, France on 23 September to review the comments submitted by the partners to the last revision of the proposal.

SOLFLEX Project: The project members had teleconference call on 24 September to explore a potential opportunity to submit an updated SOLFLEX proposal under the EU funding programme Horizon 2020.

Technical Committee 1: TC1 members had a teleconference call on 29 September to discuss the structure and content of the position paper "A holistic approach for future carbon free energy".

Technical Committee 2: TC2 members had a teleconference on 8 September to follow up on the proposals for CO emission and Combustion dynamics submitted by ETN members. Laborelec and E.ON Technologies are looking for potential gas turbine Users who would like to cooperate on the "Prediction

for CO emission” proposal, whose aim is to develop a model to predict CO emissions at all loads, using a continuously updating neural network.

Technical Committee 5: TC5 members had a teleconference call on 23 September to follow up on the actions agreed at the AGM 2015 in Dublin.

POLICY UPDATES

Commission clears GE's acquisition of Alstom's power generation and transmission assets: Following an in-depth review, the European Commission has approved the acquisition of Alstom's energy businesses by General Electric subject to divestment of central parts of Alstom's heavy duty gas turbines business to Ansaldo. To view the press release published by the European Commission, [click here](#).

Update of the Strategic Energy Technology (SET) Plan: On 15 September 2015, the European Commission adopted the new Strategic Energy Technology (SET) Plan which aims to accelerate the development and deployment of low-carbon technologies. It seeks to improve new technologies and bring down costs by co-ordinating research and helping to finance projects. The upgraded SET Plan proposes ten focused research and innovation actions to accelerate the energy system's transformation and create jobs and growth, ensuring the European Union's leadership in the development and deployment of low-carbon energy technologies.

The ten actions to accelerate the energy system transformation are:

1. Sustain technological leadership by developing highly performant renewable technologies and their integration in the EU's energy system
2. Reduce the cost of key technologies
3. Create technologies and services for smart homes that provide smart solutions to energy consumers
4. Increase the resilience, security and smartness of the energy system
5. Develop new materials and technologies for, and the market uptake of, energy efficiency solutions for buildings
6. Continue efforts to make EU industry less energy intensive and more competitive
7. Become competitive in the global battery sector to drive e-mobility forward
8. Strengthen market take-up of renewable fuels needed for sustainable transport solutions
9. Step up research and innovation activities on the application of carbon capture and storage (CCS) and the commercial viability of carbon capture and use (CCU)
10. Maintaining a high level of safety of nuclear reactors and associated fuel cycles during operation and decommissioning, while improving their efficiency

Next Steps

The Commission (through the SET Plan Steering Group) will work closely with Stakeholders and with Member States to develop and deliver these priority actions. For each of the ten priority actions the Commission should define with the Member States (a) the level of ambition (in terms of priorities and funding), (b) the modalities for the implementation and (c) the timing for achieving results and adopting expected deliverable.

To view the communication on the updated SET Plan, [click here](#).

PLEASE NOTE THE FOLLOWING UPCOMING GT EVENTS

ETN internal meetings:

- **ETN Micro Gas Turbine meeting:** 8 October 2015, Brussels, Belgium
- **Pre-Workshop User meeting:** 21 October 2015, Madrid, Spain
- **[ETN Workshop:](#)** 21-22 October 2015, Madrid, Spain
- **Air Filtration meeting:** 27 October 2015, Brussels, Belgium
- **ETN Board meeting:** 15 December 2015, Brussels, Belgium
- **IGTC-16 CAB meeting:** 27 January 2015, Brussels, Belgium
- **ETN Project Board and TC Chairs meeting:** 28-29 January 2016, Brussels, Belgium



Gas Turbine Events:

- [ASME ORC Power Systems Conference](#): 12-14 October 2015, Brussels, Belgium
- [2015 Industrial Application of GT Symposium](#): 19-21 October 2015, Banff, Canada
- [EVI-GTI International Gas Turbine Instrumentation Conference](#): 3-5 November 2015, London, UK
- [International Gas Turbine Congress \(GTSJ\)](#): 15-20 November 2015, Tokyo, Japan

User Meetings:

- [SGT5-4000F User Conference](#): 13-15 October 2015, Berlin, Germany
- [GE Frame 6B, 7E & 9E User Conference](#): 13-16 October 2015, The Hague, The Netherlands
- [GE Frame 9FA/FB User Conference](#): 3-5 November 2015, Hong Kong
- [SGT5-2000E User Conference](#): 17-19 November 2015

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 2015.