

ETN Monthly News Summary – February 2016

ETN AGM AND WORKSHOP 2016

The ETN Annual General Meeting (AGM) will take place on 26-27 April 2016 in Prague, Czech Republic.

Registration: You can register to the AGM and Workshop by [clicking here](#).

Accommodation: ETN has negotiated rates for rooms (including breakfast, Wi-Fi access, excluding VAT) at the [Sheraton Prague Charles Square Hotel](#) at EUR 145.00 per night, available on first come, first served basis. If you are interested by the offer, please fill-in the following [online form](#).

Agenda: You can find the revised agenda attached to this email or by [clicking here](#). Please note that you need to be logged in to the Members' Area of [ETN's website](#).

Site visit: A site visit will take place on the **afternoon of 25 April** to Solar Turbines Facility in Žatec. Located 65 km from the Prague airport, Solar Turbines' Operations Center in Žatec specialises in the remanufacturing of turbine components as well as assembly of rotating and cold stationary subs. Since its opening in 2012, Žatec's Operations Center provides support for growing demand from Solar's oil & gas and power generation customers within the Europe, Africa, Middle East regions by increasing global remanufacturing capacity and offering quick delivery of overhauled engines.

Due to the highly IP sensitive processes and technologies used in the Zatec Facility, OEMs delegates and selected third parties will not be able to participate to the site visit. The registration website will not allow the participants from the selected organisations to register for the site visit.

ETN BOARD MEMBER ELECTION 2016-18

Call for Board member candidate: At the AGM in Prague, the new ETN Board for 2016-18 will be elected by our General Assembly and we are currently seeking candidates to run for positions on the Board. The ETN Board consists of 10 representatives from 5 member categories (Oil & Gas Users, Power Generation Users, Universities/R&D institutes, Consultancies, Suppliers/Service Providers) and is currently chaired by Bernard Quoix from Total and vice-chaired by Catherine Goy from Uniper. The Board normally meets on four occasions per year. For an insight into the discussions at Board meetings, please find meeting agendas and minutes by visiting the [ETN events' webpage](#). Please note that you need to be logged in in order to see the Board meetings in the list of events.

If you would like to put your name forward as a Candidate, complete the candidate form (attached) and return it to dc@etn-gasturbine.eu. The deadline to register as a candidate is **29 March 2016**.

ETN LM2500 USER CONFERENCE

ETN is organising an LM2500 User Conference on 31 May, 1-2 June 2016 in Shell Technology Centre in Amsterdam, The Netherlands. In February, invitations to users have been sent worldwide. Paul den Held (Shell) has been appointed Chairman for the conference. A Steering Committee for the LM2500 User Strategy has been set up with representatives from Total, Shell, ExxonMobil and Engie. Registrations will open in March 2016. If you would like to receive more information about the LM2500 User Conference, please contact the ETN office: +32 (0)2646 15 77.

TECHNICAL COMMITTEE AND PROJECT UPDATES

Exhaust Systems Project: The Turbomachinery Magazine has published an article on the activities of ETN's Exhaust Systems Working Group. To view the article, please [click here](#).

Micro Gas Turbine: ETN has created a working group for Micro Gas Turbine (MGT) technology that includes over 30 organisations from the whole MGT value chain, whose objectives are to explore and

identify cooperation opportunities for technology developments and demonstrations. Five sub- MGT Working Groups (WGs) have been created: Turbomachinery, Combustion, System Integration, Materials and Recuperators. ETN is currently organising a meeting “MGT in the European Energy Scenario” in Brussels on 18 March 2016 with the Chairs of the MGT WG, representatives of the European Commission (DG Energy and DG Research), the International Energy Agency, other Associations (AEBIOM and COGEN Europe) and MGT technical experts.

Air Filtration Project: On 11-12 April, members of the Air Filtration project will meet in Brussels to discuss the “*Water/Salt test procedure for Gas Turbine/Compressor Air Inlet Filter Systems*”, which will be part of the *ISO 29461 Air intake filter systems for rotary machinery - Test methods – Part 5*. Independent testing companies have been invited at the meeting to present their in-house capabilities with regards to the validation of the above mentioned procedure.

PolyBioGT: On 16 February 2016, ETN has submitted a project proposal under the Horizon 2020 call *LCE-07-2016-2017: Developing the next generation technologies of renewable electricity and heating/cooling*. The goal of the PolyBioGT is to develop a highly-efficient, low emission and reliable biomass Combined Heat and Power (CHP) system based on a gas turbine (1-10 MWelectric) and a fluidised bed boiler (30 MWthermal). The PolyBioGT system would fully exploit a wide range of biomass fuels available (e.g. Waste recovered fuels, liquid biofuels, syngas) without compromising the energy conversion efficiency to electricity and heat.

8TH INTERNATIONAL GAS TURBINE CONFERENCE (IGTC), 12-13 OCTOBER 2016

The eight edition of ETN’s international conference “The Future of Gas Turbine Technology” will take place in 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. Registration will open in the spring. For more information, please visit the [IGTC-16 webpage](#).

Sponsorship opportunities: Sponsorship opportunities for the IGTC-16 are now available! ETN offers several Sponsorship Packages as well as flexible options that should correspond to your specific needs for visibility. You can view the Sponsorship Information Package by [clicking here](#). The following organisations have decided to take this opportunity and will be sponsors of the IGTC-16: **Mitsubishi Hitachi Power Systems** (Gold Sponsor) and **MTU Maintenance** (Silver Sponsor). Please contact Dominique Cornut, ETN at dc@etn-gasturbine.eu should your organisation be interested in sponsoring the IGTC-16.

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. **VBR Turbine Partners** and **Fogale Nanotech** have already confirmed their presence in the Expo!

POLICY UPDATES

ETN meeting with DG Energy Representatives: ETN met with Andreea Strachinescu, Head of Unit C.2 - New energy technologies, innovation and clean coal to discuss potential EU-funding opportunities and to provide information on how ETN could contribute in reaching EU’s targets for a low carbon economy by 2050. During the meeting, she explained that the European Commission is focusing much more on an “Energy System” approach rather a specific technology approach. She also expressed interest for DG Energy’s representatives to participate in the meeting organised by ETN on “MGT in the European Energy Scenario” set to take place on 18 March in ETN offices.

Strategic Energy Technology (SET) Plan: In September 2015, the European Commission adopted a Communication for an Integrated Strategic Energy Technology Plan (SET-Plan), which will define the new European R&I Strategy for the EU for the coming years. The Communication identifies ten priority actions to accelerate the energy system transformation that should facilitate coordinated or joint investments by individual Member States, between Member States and with the EU. To ensure the continuation of efforts to make EU industry less energy intensive and more competitive (Action n°6), ETN and EUTurbines have



jointly prepared an input paper stressing our strong interest and willingness to collaborate with the energy intensive industries and contribute to the discussion how to best achieve the outlined targets. To view the input paper, please [click here](#).

ETN is also in the process of submitting an input paper on the Action n°5 *Develop new materials and technologies for energy efficiency solutions for buildings*.

PLEASE NOTE THE FOLLOWING UPCOMING GT EVENTS

ETN internal meetings:

- **ETN Micro Gas Turbine Meeting:** 18 March 2016, Brussels, Belgium
- **ETN Air Filtration Meeting:** 11-12 April 2016, Brussels, Belgium
- **ETN Board Meeting:** 26 April 2016, Prague, Czech Republic
- **ETN Annual General Meeting and Workshop:** 26-27 April 2016, Prague, Czech Republic
- **ETN LM2500 User Conference:** 31 May, 1-2 June 2016, Amsterdam, The Netherlands
- **ETN High Level User Meeting:** 11 October 2016, Brussels, Belgium
- **8th International Gas Turbine Conference:** 12-13 October 2016, Brussels, Belgium

Other meetings and conferences:

- **F6FA Users Conference:** 12-14 April 2016, Rome, Italy (organised by GTUsers.com)
- **ASME Expo Turbo:** 13-17 June 2016, Seoul, South Korea
- **EU Sustainable Energy Week (EUSEW):** 13-17 June 2016, Brussels, Belgium
- **Combined Heat and Power Short Course:** 13-17 June 2016, Cranfield, UK
- **Power-Gen Europe:** 21-23 June 2016, Milan, Italy
- **SGT5-2000E Users Conference:** November 2016, date and place tbd, (organised by GTUsers.com)

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 April-June 2016.