

ETN Monthly News Summary – September 2014

7th INTERNATIONAL GAS TURBINE CONFERENCE (IGTC) 2014, 14-15 OCTOBER 2014

You can still register for the IGTC-14: The available spaces are almost filled – if you wish to attend please register **today** by [clicking here](#).

Agenda: The [preliminary IGTC-14 agenda](#) is available on the [event webpage](#) and is updated regularly.

New IGTC-14 App: ETN is pleased to announce that this year's event will be complemented with a dedicated smart phone app! Get your I-phone, smartphone and Android ready - all you need to know about the event will be in your App: agenda, speakers, sponsors, partners, proceedings, maps and many more! Each registered participants will receive a link to download the application shortly!

Participants: Representatives from **87 companies** have already registered at the Conference including : AAF, Alstom, Ansaldo Energia, BP, Camfil Power Systems, Cardiff University, Centrax Gas Turbines, Chromalloy, City University London, Cranfield University, Cross Manufacturing, Diesel and Gas Turbine Worldwide, DLR (German Aerospace Center), DNVGL Oil and Gas, Donaldson, Dresser-Rand, E.ON Technologies, EDF, Endesa, Enel, EPRI, EthosEnergy, Eurogas, European Commission, Filtrair, Flame Spray, Frazer-Nash Consultancy, Gas to Power Journal, Gasco, GDF SUEZ Energy Europe, GE Oil & Gas, GE Power & Water, Helmut-Schmidt University, Innovative Steam Technologies, International Energy Agency, Julich Research Centre, Keluid Oil And Gas, Laborelec, Lund University, MAN Diesel & Turbo, Mann Hummel, Vokes Air, Meggitt Sensing Systems, Mitsubishi Heavy Industries, MTU Aero Engines, MTU Maintenance, Munich Re, National Technical University of Athens, NEM Energy, OMV Power International, OPRA Turbines, Oxsensis, Paul Scherrer Institute, Petrobras, Poznan University of Technology, PW Power Systems, Rolls-Royce, Royal Institute of Technology, RWTH Aachen University of Technology, Sensor Coating Systems, Sesta Lab, Shell Global Solutions, Siemens, Siemens Industrial Turbomachinery, Solar Turbines, SPS International, Statoil, STEG, STF ENERGY, Sulzer Turbine Services, Sulzer Turbo Services, Technical University of Eindhoven, Technological Educational Institute of Sterea Ellada, The Energy Industry Times, Torquemeters, Total, Tsinghua University, TT Filtration, TU Berlin, Turbine Technics, University of Genoa, University of Roma Tre, US Department of Energy, Vattenfall, VBR Turbine Partners...

We would like to thank our sponsors, media partners and cooperating societies who are welcoming you to the Conference:



HORIZON 2020 PROPOSALS

In September 2014, ETN has submitted two proposals under **Horizon 2020, the EU funding programme for Research and Innovation**:

The **FlexGen Project** was submitted under the call *LCE17 Highly flexible and efficient fossil fuel power plants* (1st stage proposal). The overall objective of this project is the development of a simulation and decision support tool to enable flexible efficient fossil fuelled power plant operation in an environment of increasing share of intermittent renewable power. It aims at optimising plant operation by establishing an advanced understanding of the complex relationship between plant efficiency, plant flexibility, emissions, component life, economic viability and security of supply. The FlexGen consortium includes 13 partners coming from a variety of working fields and from 10 countries across Europe, including ETN as a project coordinator.

The **SOLFLEX Project** proposal was submitted under the call *LCE3 Demonstration of renewable electricity and heating/cooling technologies* (2nd stage proposal). The key challenge of this project is to develop and demonstrate an industrial-scale hybrid solar gas turbine, with high solar receiver temperatures, as well as high combustor and turbine inlet temperatures in order to harness solar energy with a maximum of efficiency and allow the full flexibility of this technology to be used. The SOLFLEX consortium has 21 partners from the entire gas-turbine and solar power value chain including manufacturers, operators and R&D institutes coming from 8 countries across Europe, including ETN as a project coordinator.

TECHNICAL COMMITTEE AND PROJECT UPDATES

Which Technical Committees (TCs) are you interested in? Recently, new TCs' Chairs and Co-chairs have been appointed in order to strengthen the role of ETN's Technical Committees. **We kindly ask you to let us know which Technical Committee you are interested in (more than one is possible), by filling in this Doodle.** The ETN office will then provide the Chairs and Co-chairs with the list of interested members per TC.

The Project Board and the TCs' Chairs and Co-Chairs will meet in November to discuss upcoming events/activities, define priority research fields and endorse research & development initiatives that could lead to new projects for the year 2015. The TCs serve as forums where the ETN members meet to discuss technical issues, development requirements and to exchange knowledge and experiences.

EU POLICY UPDATES

New leaders in Brussels: In the autumn of 2014, a brand new team will be responsible for the future of Europe. Donald Tusk (Poland) has been elected President of the Council, Martin Schulz (Germany) has been elected President of the European Parliament and Jean-Claude Juncker (Luxembourg) has been elected President of the European Commission. Jean-Claude Juncker has also announced his team of Commissioners, with a Vice President for the Energy Union (Alenka Bratušek from Slovenia), a unique Commissioner for Energy and Climate (Miguel Arias Cañete from Spain) and a High Representative that will deal with the external dimension of energy (Federica Mogherini from Italy). The proposed Commissioners are to be approved by the European Parliament from 29 September to 3 October, known as the hearings of commissioners. The final vote on the College of Commissioners will take place in the plenary session at the European Parliament on 21 October.

PLEASE NOTE THE FOLLOWING UPCOMING GT EVENTS

Events:

- **ETN's International Gas Turbine Conference (IGTC) 2014:** 14-15 October 2014, Brussels, Belgium
- **Gas Turbine Engineering CPD programme:** 11-15 January 2015, Dubai, UAE (*organised by Cranfield University, in cooperation with ETN*)



ETN internal meetings:

- **High Level User Meeting:** 13 October 2014, Brussels, Belgium
- **Dinner Debate at the European Parliament:** 13 October 2014, Brussels, Belgium
- **Exhaust System meeting:** 16 October 2014, Brussels, Belgium
- **Project Board and Chairpersons (TCs) Meeting:** 24-25 November 2014, Brussels, Belgium
- **ETN Board meeting:** 4 December 2014, Brussels, Belgium

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 2014.