

## ETN Monthly News Summary – August 2014

### 7<sup>th</sup> INTERNATIONAL GAS TURBINE CONFERENCE (IGTC) 2014, 14-15 OCTOBER 2014

**Registration:** Join us for an unparalleled networking experience and [register now!](#)

**Accommodation:** The deadline to book your accommodation at the Thon Hotel EU at the discounted rate of 170 euros (incl. breakfast, Wi-Fi and VAT) has been **extended to Friday 5 September 2014!** After this date, room availability and price will not be guaranteed.

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

**Sponsorship opportunities:** There are only 4 [sponsorship opportunities](#) left for the IGTC-14. Do not miss this opportunity to enjoy visibility in front of a high-level international audience! Contact the [ETN office](#) should you be interested in promoting your organisation.

**Participants:** Representatives from 17 countries have already registered at the Conference, including Brazil, China, Japan, United Arab Emirates, Tunisia and United States, which shows that the IGTC is a renowned conference recognised globally!

### HORIZON 2020 PROPOSALS

Project partners had many teleconference calls in August to prepare the two project proposals to be submitted under Horizon 2020, the EU Research and Innovation Programme:

The [Flexible Generation Project](#) is set to be submitted by 3 September under the call *LCE17 Highly flexible and efficient fossil fuel power plants*. The aims of the project are to develop and demonstrate a simulation tool which can be applied to existing and future plants and to evaluate the trade-offs between thermal efficiency, flexibility and plant lifetimes that plant operators and TSOs are facing.

The project [Hybrid Solar Methane Gas Turbine](#) (former HYCOSOL) is set to be submitted by 10 September under the call *LCE3 Demonstration of renewable electricity and heating/cooling technologies*. The aim of the project is to gain all the required knowledge and expertise necessary for the construction and operation of a full-scale 11 MWe demonstration hybrid solar gas turbine power plant.

### AIR FILTRATION WORKSHOP: THE FINAL REPORT IS NOW AVAILABLE!

ETN, together with AAF, Camfil and Donaldson organised an **Air Filtration Workshop** on 20 February, in Brussels. Prior the Air Filtration Workshop, a survey was distributed to capture the most important issues related to turbine filtration and engine operation. The results of the survey are now available exclusively to ETN members on the ETN website. To view the report which outlines the direct results of the survey, please [click here](#).

### TECHNICAL COMMITTEE (TC) AND PROJECT UPDATES

Recently, new [Technical Committees'](#) 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.

ETN's Technical Committees meet annually to define priority research fields and endorse research & development initiatives that could lead to new projects. They serve as forums where the ETN members meet to discuss technical issues, development requirements and to exchange knowledge and experiences.

### EU POLICY UPDATES

**White Rose CCS Project:** The European Commission announced that the UK based White Rose CCS Project will be awarded up to €300 million in funding as part of the second round of NER300 programme. Capture Power, the developer of the project, is a joint venture set up by Alstom, Drax and BOC to develop White Rose in close co-operation with National Grid, who will provide the CO<sub>2</sub> transportation and storage infrastructure.

Located on land adjacent to the existing Drax Power Station, near Selby in North Yorkshire, the 426MW new build power plant will burn coal with the potential to co-fire sustainable biomass and meet the equivalent power needs of over 630,000 homes. Fully equipped with CCS technology from the outset, 90% of all the CO<sub>2</sub> produced by the plant will be captured and transported by pipeline for permanent off-shore storage deep beneath the North Sea seabed. For more information, please [click here](#).

### PLEASE NOTE THE FOLLOWING UPCOMING GT EVENTS

#### **Events:**

- [4<sup>th</sup> International Symposium on Supercritical CO<sub>2</sub> Power Cycles](#): 9-10 September 2014, Pittsburgh, United States
- [10<sup>th</sup> Liège Conference on Materials for Advanced Power Engineering](#): 14-17 September 2014, Liege, Belgium
- [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 members are entitled to a special discount*)

#### **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 (location tbc)
- **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.***