

## ETN Monthly News Summary – December 2013

### 7<sup>th</sup> INTERNATIONAL GAS TURBINE CONFERENCE (IGTC) 2014

#### **The deadline to submit abstracts is now closed**

The deadline to submit abstracts for the upcoming International Gas turbine Conference 2014 is now closed. ETN received 53 abstracts from both the industry and universities. All abstracts have been now sent to reviewers and the authors should be notified of their acceptance at the beginning of February 2014, following the Conference Advisory Board meeting, set to take place on 22 January 2014.

#### **Sponsorship opportunities**

Sponsorship opportunities for the IGTC-2014 to be held on 14-15 October 2014 are available. As a member of ETN you have preferential access to the various sponsorship packages that are available for the IGTC-14, before they are opened to the wider gas turbine community in 2014. We offer 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](#). Please contact the [ETN office](#) should your organisation be interested in sponsoring the IGTC-2014.

### FEEDBACK ON THE SUBMITTED COMMENTS TO THE IED DIRECTIVE

**The ETN office received feedback from the Large Combustion Plant (LCP) BREF review team (European IPPC Bureau)** with regards to the next milestones foreseen in the review process. An initial general assessment of the comments received has been performed, focusing on the comments qualified as 'major', and referring both to the 'whole document' and to the 'BAT conclusions'. These 'major' comments will be carefully considered in order to prepare a Background Paper (BP) summarising the major issues to be dealt with at the Final TWG Meeting. The EIPPCB is planning to hold the Final TWG Meeting to conclude on BAT in the second half of 2014, due to the very high number of comments received (about 8500). To view the feedback sent by the EIPPCB, **please login** to the [ETN website](#) and visit the ETN IED Committee webpage or **login** and [click here](#).

### POLICY UPDATES

**Horizon 2020:** On 11 December, the European Commission published the calls for projects under the new research and innovation funding programme Horizon 2020. This includes calls for 2014 and 2015. Project proposals could be proposed under the Low Carbon Energy topics below:

- LCE1-2014: New knowledge and technologies
- LCE2-2014/2015: Developing the next generation technologies of renewable electricity and heating/cooling
- LCE3-2014/2015: Demonstration of renewable electricity and heating/cooling technologies
- LCE4-2014/2015: Market uptake of existing and emerging renewable electricity, heating and cooling technologies
- LCE15-2014/2015: Enabling decarbonisation of the fossil fuel-based power sector and energy intensive industry through CCS
- LCE16-2014: Understanding, preventing and mitigating the potential environmental impacts and risk of shale gas exploration and exploitation
- LCE17-2015: Highly flexible and efficient fossil fuel power plants

If you have any concrete ideas for projects under these topics please contact the ETN office. After the Project Board's review, the ETN office will then circulate short abstracts to all ETN members for submission of interest and possible contributions. For more information on the calls under Horizon 2020, please [click here](#). To view the *Secure, Clean and Efficient Energy Work Programme*, please [click here](#).

### Call Competitive Low Carbon Energy: Deadlines

Topics	2014	
LCE1, LCE2, LCE11, LCE15, LCE16	1 April 2014 (Stage 1)	23 September 2014 (Stage 2)
LCE22	1 April 2014	
LCE4, LCE7, LCE8, LCE10, LCE14, LCE18	7 May 2014	
LCE3, LCE12, LCE19, LCE20	10 September 2014	

Topics	2015	
LCE1, LCE2, LCE11, LCE15, LCE17	3 September 2014 (Stage 1)	3 March 2015 (Stage 2)
LCE3, LCE12, LCE19, LCE21, LCE4, LCE5, LCE6, LCE9, LCE14	3 March 2015	
LCE18	28 April 2015	
LCE13	5 May 2015	

Source: [Summary of the Calls open in 2014](#), European Commission

### Call Competitive Low Carbon Energy: Budget (M€)

Topics	2014	2015
LCE1	20	
LCE2, LCE11	60	59
LCE3, LCE12	73	80
LCE4, LCE14	20	20
LCE15, LCE16, LCE17	33	35

Source: [Summary of the Calls open in 2014](#), European Commission

**2030 Climate and Energy Package:** On 2 December 2013, the European Parliament's Environment, Public Health and Food Safety Committee (ENVI) and the Industry, Research and Energy Committee (ITRE) met for the second time in order to define an integrated climate and energy policy for 2030. The two committees have substantial differences of opinion in terms of how many and how ambitious strategic targets should be defined. The European Commission has announced that it will be presenting a White Paper on 22 January 2014 in which it must take the European Parliament's opinion into consideration.

### TECHNICAL COMMITTEE AND PROJECT UPDATES

**Condition Based Monitoring Questionnaire:** During the October Workshop, Christoforos Romesis (NTU Athens) presented a [project proposal](#) to develop a customisable CBM tool, featuring all state-of-the-art approaches on Engine Modeling, Health Assessment and Asset Management. The aim would be to have a customisable tool which users of GTs could tailor to their application.

Following-up on the discussion, NTUA and Cranfield University created a questionnaire in which ETN members could clearly indicate what they would need from the proposed system. The main goal of the questionnaire is to reveal any technological gap that could be addressed through a CBM related project, by mapping current practices and available tools in gas turbine plants condition monitoring and identifying related issues of interest. ETN would like to encourage all its [users](#) and [OEMs, R&D institutes, suppliers and service providers](#) to complete the relevant questionnaire and send it back to the [ETN Office](#) by 15 January 2014.



**CSP GT Hybridisation Project Proposal (former HYCOSOL):** Following the discussions during the “Hybridisation of CSP systems with other energy sources” session at the October Workshop in London, James Spelling (KTH) made an [executive summary](#) of the previously submitted HYCOSOL proposal.

There is currently a call open under Horizon 2020, “*LCE 3: Demonstration of renewable electricity and heating/cooling technologies*”, where CSP (“*Improving the flexibility and predictability of CSP generation*”) is identified as a challenge to be addressed. An updated and potentially enlarged version of the HYCOSOL proposal could be submitted under this call before **10 September 2014**. We would like to encourage all members interested in joining the consortium to contact the [ETN Office](#), shortly outlining their potential contributions to a future project proposal.

### **PLEASE NOTE THE FOLLOWING UPCOMING GT EVENTS**

#### **ETN events:**

- [Filtration Workshop](#): 20 February 2014, Brussels, Belgium
- [ETN Annual General Meeting and Workshop](#): 2-3 April 2014, Paris, France (kindly hosted by Total)
- [International Gas Turbine Conference \(IGTC\) 2014](#): 14-15 October 2014, Brussels, Belgium

#### **ETN meetings:**

- **Conference Advisory Board Meeting**: 22 January 2014, Brussels, Belgium
- **Project Board Meeting**: 29 January 2014, Brussels, Belgium
- **ETN Board Meeting Teleconference**: 13 February 2014
- **ETN Board Meeting**: 1 April 2014, Paris, France (kindly hosted by Total)
- **H2-IGCC Final Meeting**: 13-14 May 2014, Brussels, Belgium (kindly hosted by Laborelec)
- **ETN Board Meeting**: 9 July 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 January – March 2014.***