

Brussels, 7 June 2016

EU Sustainable Energy Week event: “Micro Gas Turbines put a new spin on green energy production”

On 15 June 2016, ETN, COGEN, AEBIOM and the Renewable Heating & Cooling Platform, will organise a policy session entitled “Micro-Gas Turbines put a new spin on green energy production” during the EU Sustainable Energy Week (EUSEW). The objective of this session is to highlight and discuss how Micro Gas Turbine (MGT) technology in a system approach can contribute to the decarbonisation of the energy system. The session also aims to raise awareness, present and evaluate current technology development and future opportunities for the reliable and environmentally-friendly combined generation of heating/cooling and power based on the micro gas turbine (MGT) technology integrated with solar and biomass energy sources.

The MGT technology (0.5 to 250 kW) is a promising technology that is finding its position in the market thanks to its flexibility to integrate Renewable Energy Sources (RES) and its low maintenance costs. The technology allows distributed Combined Heat and Power (CHP) to be adaptable with MGT integrated with Renewable Energy Sources (RES), such as concentrated solar power (CSP) and biomass. This would enable CO₂ neutral power generation and reduce the cost of transport compared to centralised systems. However this poses challenges that are specific to the cycle configuration. The fuel flexibility for small scale CHP is a major challenge that needs to be addressed to enable a wider use of “CO₂ neutral fuel”.

Wednesday 15 June 2016, 11:00 - 12:30
Residence Palace, Rue de la loi 155, 1040, Brussels (Room Passage)

Moderator:

Mohsen Assadi, Professor in the Faculty of Science and Technology, University of Stavanger

Speakers and Panellists

Andreea Strachinescu, Head of Unit, DG Energy, European Commission

Andreas Huber, Head of Department Gas Turbine, DLR

Sébastien Farinotti, Co-CEO, Vanparijs Engineers

Ludwig Van Wonterghem, CEO, ÖkoFEN

To register, [click here](#) (select "15 June", then browse the list until you see the event mentioned).

About ETN: The European Turbine Network is a membership association bringing together the entire value chain of the gas turbine technology community in Europe and beyond. Through cooperative efforts and by initiating projects, ETN optimises gas turbine research and technology development and promotes environmentally sound gas turbine technology with reliable and low cost operation. www.etn-gasturbine.eu

About COGEN Europe: COGEN Europe is Europe’s umbrella organisation representing the interests of the cogeneration industry, users of the technology and promoting its benefits in the EU and the wider Europe. The association is backed by the key players in the industry including gas and electricity companies, ESCOs, equipment suppliers, consultancies, national promotion organisations, financial and other service companies. www.cogeneurope.eu

About AEBIOM: The European Biomass Association (AEBIOM) is the common voice of the bioenergy sector with the aim to develop a sustainable bioenergy market based on fair business conditions. AEBIOM holds a strong position representing all bioenergy sectors and has a unique possibility to influence European policies, communications and various other EU papers. <http://www.aebiom.org>

About RHC-Platform: The European Technology and Innovation Platform on Renewable Heating & Cooling brings together stakeholders from the biomass, geothermal and solar thermal sector - including the related industries such as District Heating and Cooling, Thermal Energy Storage, Hybrid Systems and Heat Pumps - to define a common strategy for increasing the use of renewable energy technologies for heating and cooling. www.rhc-platform.org