Ready to deliver the EU 2050 “climate neutral” objective

Brussels, 28 November 2018 - The European Commission presented on 28 November the much awaited “*Strategy for long-term EU greenhouse gas emissions reductions*”. The strategy presents possible paths and measures that will allow the EU to comply with the Paris agreement and to reach the climate neutral objective as soon as possible.

The goal of limiting global warming to well below 2°C requires a comprehensive plan to ensure the deployment of existing solutions and the development of innovative technologies. All the actors of the energy transition are required to act together. Therefore, **Energy Technologies Europe, EUTurbines and EUGINE** welcome the strategy and are ready to contribute with their technology solutions.

In particular, we would like to stress the importance of the following points:

- The growing share of variable renewables in the energy system leads to an **increased need for storage and flexible generation which also needs to be decarbonised**, either through the use of **renewable fuels** or with the application of **CCUS**.

- **The use of renewable fuels**, meaning **bioenergy** carriers, and **clean fuels from power-to-gas** installations, has a great potential as rightfully recognised by the strategy. By converting these fuels, thermal power plants will become **dispatchable renewable energy technologies**. The combination of bioenergy and CCUS could even deliver **negative emissions**, allowing deeper decarbonisation scenarios, such as the IPCC 1.5 °C scenario.

- **Connecting technologies, energy sectors and energy-intensive industries** will be instrumental in maintaining the European leadership. Sector coupling solutions, like cogeneration, ensure a successful execution of the “energy efficiency first” principle: they increase our competitiveness, lower greenhouse gas emissions and prevent the waste of resources.

- To achieve the climate ambitions in a cost effective manner, we need to make use of available **technologies providing reliable energy and to combine them with innovative solutions**, such as all kinds of storage or waste heat recovery solutions. These technologies need to be demonstrated in the coming years to ensure a large scale application before 2050.

With this vision, Europe has the possibility to be a global leader in climate change mitigation and to deliver an integrated energy system with high shares of renewable energy and a carbon neutral future. Our industry is committed to further work for a world that remains well below the 2°C goal and thus calls on policy makers to support innovative and existing technologies, which allow the EU to remain competitive while achieving its net zero target.

Energy Technologies Europe *is the European association representing technology providers of state-of-the-art solutions for thermal energy, energy conversion technologies, their components and other related energy services. The association gives a voice at the EU level to suppliers of innovative technologies to produce electricity, heating and cooling as well as generating other products, utilising a multitude of energy sources.*

For more information please see www.eteurope.eu *or write to p.nouvion@eteurope.eu*

EUGINE *is the voice of the European engine power plants industry, representing the leading European manufacturers of this flexible, energy-efficient, reliable and environmentally sound technology. Engine power plants are an optimal solution for both backing-up and generating renewable energy (e.g. with biogas), cogeneration applications as well as to ensure security of supply.*

For more information please see www.eugine.eu

EUTurbines *is the only association of European gas and steam turbine manufacturers. Its members are Ansaldo Energia, Doosan Skoda Power, GE Power, MAN Energy Solutions, Mitsubishi Hitachi Power Systems, Siemens and Solar Turbines. EUTurbines advocates an economic and legislative environment for European turbine manufacturers to develop and grow R&I and manufacturing in Europe and promotes the role of turbine-based power generation in a sustainable, decarbonised European and global energy mix.*

For more information please see www.euturbines.eu