

EUTURBINES ELECTION MANIFESTO

Spring 2019

EUTurbines represents the interests of the whole sector of the gas and steam turbine industry. Gas and steam turbines are a core technology in a multitude of power generation solutions from gas power plants to geothermal and concentrated solar power applications, but also in recovering waste heat from industrial processes.

The association advocates for a competitive economic and legislative environment as well as a framework that supports European

turbine manufacturers in developing and growing R&I and manufacturing turbines in Europe.

EUTurbines aims to increase awareness of turbine-based power generation in the context of European and global energy-related discussions.

This document summarises our key asks in view of the upcoming 2019-2024 European legislature.

A sustainable and reliable energy transition

The transition towards a decarbonised energy mix is key to achieving the EU's 2050 goal of a climate neutral economy. The future energy system should not only be decarbonised and renewable-based, but also inclusive, reliable, and cost-efficient.

We call on the EU institutions to:

1

Favour the development of a reliable, flexible and efficient energy system, which can accommodate large shares of variable renewable energy sources without compromising the stability of the system – thereby encouraging investment as well as support via R&I funding.

2

Speed up the transition towards low-carbon solutions in carbon-intensive regions, e.g. through a swift switch from coal to gas power generation – which includes sufficient financial support via the EU Emissions Trading Scheme (ETS) Modernisation Fund, the Structural and Cohesion Funds, and other similar funding mechanisms.

3

Promote energy efficiency in power generation, i.e. the supply side – where highly efficient solutions, such as cogeneration, can be very beneficial for the energy system – as well as developing solutions to improve the energy efficiency of industry's processes.

4

Reform the European gas market in line with the EU climate targets, exploiting the advantages of existing infrastructure while increasingly replacing fossil gas with low-carbon and renewable alternatives such as hydrogen, synthetic methane, or biomethane. This will help bring about the concept of sector coupling – bringing together the electricity, gas and heat networks – including through the adaptation of related technologies and infrastructures.

5

Foster the transformation of the EU's energy mix by integrating and developing all relevant technologies – including dispatchable renewable-based power generation using decarbonised and renewable gases.



A
competitive
European
industry

A strong industry is the backbone of Europe's economy. This is why a key priority for the EU should be to ensure economic growth and skilled jobs. It is therefore imperative to have a framework that encourages industry to continue manufacturing in Europe and enables the export of Europe's industrial excellence globally.

We call on the EU institutions to:

1

Develop an ambitious long-term EU Industrial Strategy to position the industry at the forefront of Europe's economy, in line with the proposals from the [Industry4Europe](#) coalition.

2

Support European manufacturing jobs by ensuring a strong European supply chain, a functioning home market for advanced technologies as well as favourable export conditions and open global markets.

3

Ensure that European low-carbon energy projects, which help to achieve the EU climate targets, have fair access to finance and are regarded as an attractive investment without being discriminated against by inadequate sustainable finance rules.

A
framework
fostering
innovation

Providing a world-class research and innovation (R&I) framework will be critical if we are to ensure that industrial knowhow and excellence remains in Europe. With specific regard to the energy R&I challenge, these efforts will be essential in facilitating the transition towards a decarbonised energy system.

We call on the EU institutions to:

1

Support technological improvements and help bring solutions to the market by having Horizon Europe fund more demonstration projects and proposals with higher technological readiness levels (TRL) – with adequate budgets matching the scale of the projects.

2

Acknowledge the Strategic Energy Technology (SET) Plan as a driver and contributor to setting the EU's energy R&I priorities, which at the same time helps intensify cooperation and collaboration between EU and national R&I activities.

3

Ensure that Horizon Europe, the ETS Innovation Funds, and other EU R&I funding mechanisms include in their programmes aspects to strengthen the further development of sector coupling and power-to-gas solutions, as well as the use of the resulting renewable gases in power generation (power-to-gas-to-power).