

## THE GAS TURBINE INDUSTRY'S COMMITMENTS TO DRIVE THE TRANSITION TO RENEWABLE-GAS POWER GENERATION

### Gas Turbines: Powering a Carbon Neutral Energy System

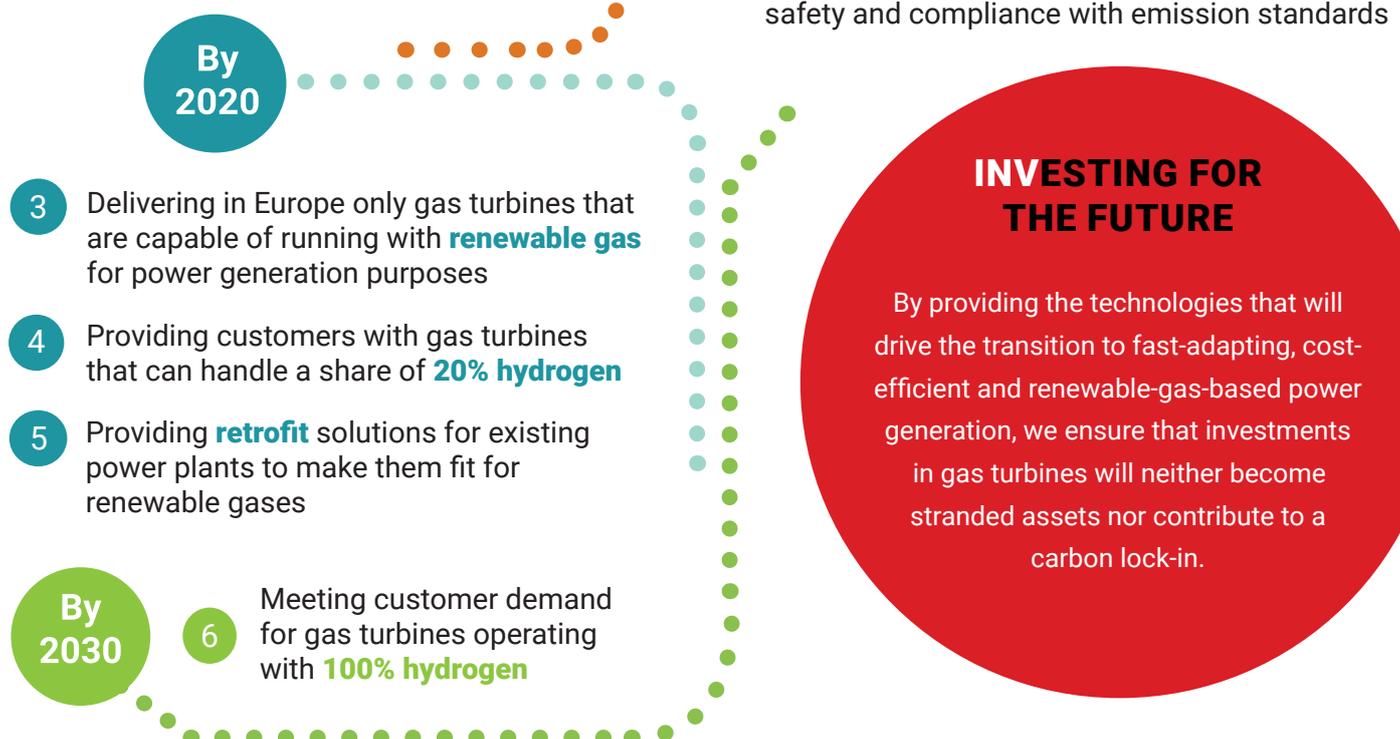
Power generation is experiencing a fundamental transformation in Europe: the energy mix will no longer rely on fossil fuels but move increasingly towards renewable energy sources. Energy market players across the value chain are taking the lead and driving the transition to a decarbonised energy mix in line with the EU's 2050 goal of a climate neutral economy.

Today, gas turbines, which mainly run on natural gas, are core components of Europe's energy system. Gas turbines play an important role in the energy mix as they deliver dispatchable, reliable and efficient power and heat, independently of weather conditions. This technology will be of even higher value in a carbon neutral energy system based on variable renewables, which will need constant available power.

The gas turbine sector supports the decarbonisation of the EU energy system by offering solutions which will convert a large variety of renewable energy fuels and progressively replace natural gas. In this document we outline our commitments to drive the sustainable energy transition.

#### OUR COMMITMENTS

The gas turbine industry will deliver technologies that can operate with high shares of renewable gas, such as hydrogen. We have already started our journey and are committed to contribute to the decarbonisation of the EU energy mix by:

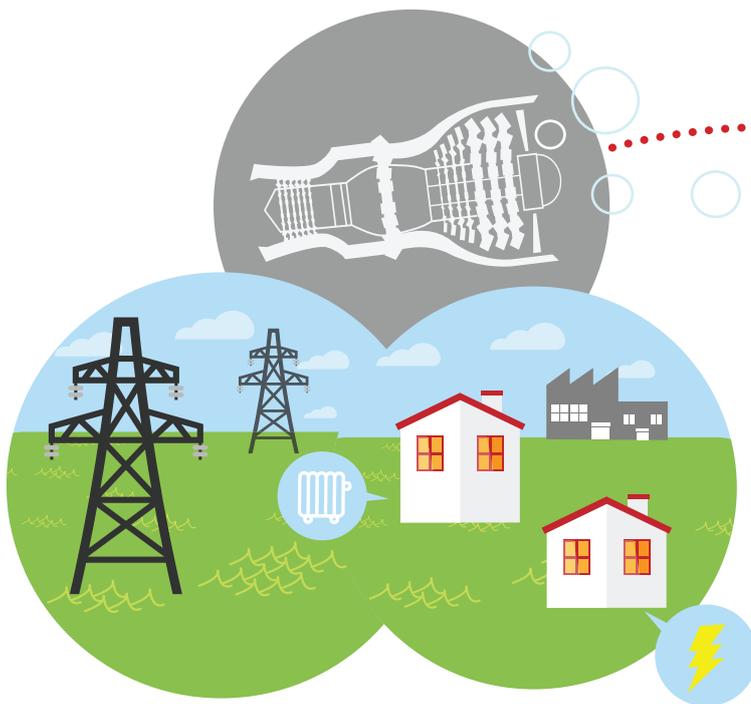
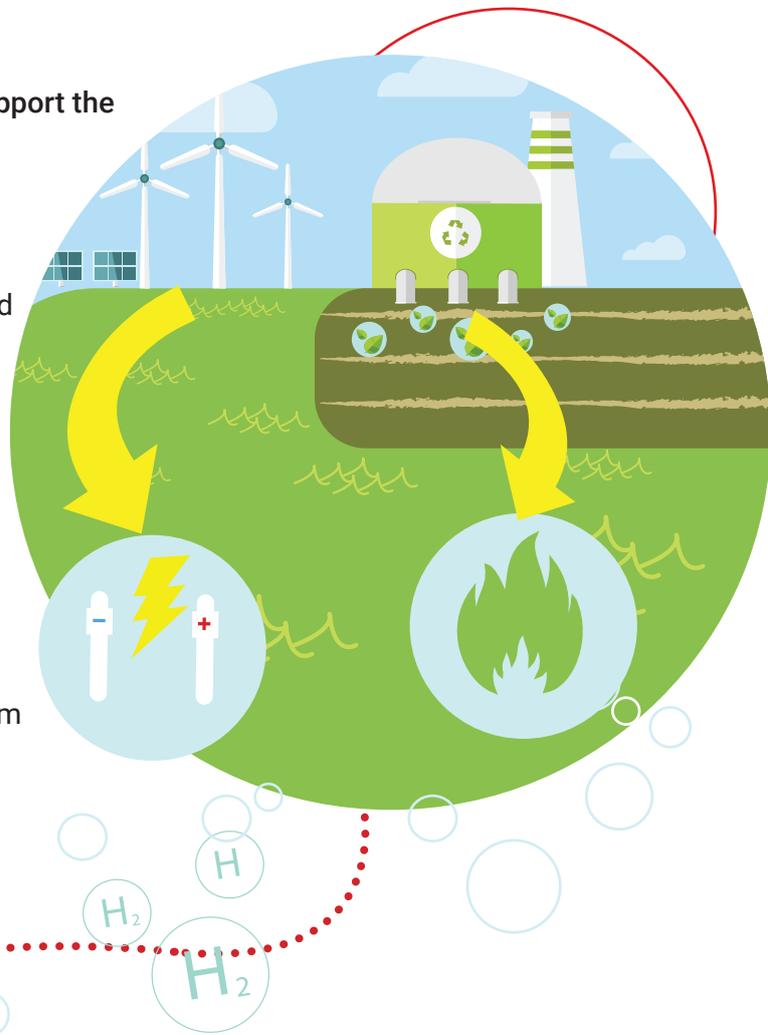


The gas turbine industry also commits to supporting the transformation of the European gas grid into a renewable-based energy system by overcoming technical challenges and ensuring that this transformation takes place swiftly.

## OUR CALL TO ACTION

The gas turbine industry calls upon policymakers to support the transition to a reliable, cost-efficient, decarbonised and renewable-based energy system by:

- 1 Recognising the value of reliable and efficient power and heat generation for Europe's society and economy;
- 2 Accelerating the transition to a renewable-gas grid;
- 3 Adopting a technology-neutral approach when selecting power generation technologies;
- 4 Encouraging and rewarding flexible dispatchable generation in electricity markets; and
- 5 Supporting the transformation of the energy system via adequate R&I funding for the turbine industry.



### About EUTurbines

EUTurbines is the only association of European gas and steam turbine manufacturers. Its members are Ansaldo Energia, Doosan Škoda 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.

EUTurbines promotes the role of turbine-based power generation in a sustainable, decarbonised European and global energy mix and contributes to the political and regulatory discussions through continuous dialogue with the European institutions and other relevant stakeholders.

For further information,

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