

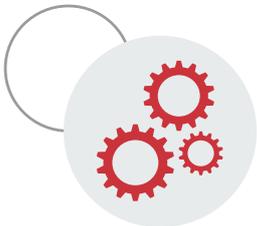
Gas & hydrogen markets decarbonisation package

EUTurbines' main points on the gas market reform

March 2021

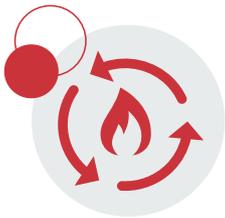
This document summarises EUTurbines position, jointly prepared with EUGINE, on the most important aspects that need to be captured in the upcoming reform.

ROLE OF GAS IN INTEGRATED ENERGY SYSTEMS



INTEGRATED APPROACH

Reflecting the interdependence of energy vectors and promoting the interactions of the electricity, gas and heat networks to ensure a cost-efficient and reliable energy supply



GAS STORAGE

Recognising this option as the most suitable and cost-efficient long-term energy storage solution, which helps meet peak electricity and heat demand with flexible gas power generation – using renewable and low-carbon gases

CREATING RENEWABLE AND LOW-CARBON GAS MARKETS



EU-WIDE RULES

Providing a long-term perspective and incentivising the supply and use of renewable and low-carbon gases across all end-users as well as ensuring the development of an effective cross-border trade – including a standardised classification scheme for renewable and low-carbon gases



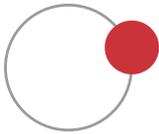
CERTIFICATION SYSTEM & GUARANTEES OF ORIGIN

Allowing electricity and heat generated from gas power plants using renewable or low-carbon gas to be recognised as decarbonised energy



SUPPORT THE TRANSITION

Recognising that the decarbonisation of gas will undergo a transitional phase before becoming fully renewable, during which CCU/S will be used to provide low-carbon hydrogen



GETTING THE FUTURE GAS INFRASTRUCTURE RIGHT



CONSISTENCY & PREDICTABILITY

Providing an EU-wide framework that ensures consistency and gives predictability on the transformation of the gas network – including on blending – and integrating all gas customer segments in the infrastructure planning and decision process to ensure that end-users are also prepared for the transition



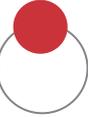
HYDROGEN BLENDING



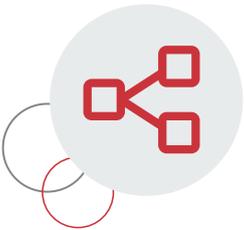
Supporting a controlled blending of hydrogen into the natural gas network in the beginning, until larger amounts of hydrogen are available



RETROFITTING & H2-READINESS



Supporting the transformation not only of the gas network but also of end-users like gas power plants – for which retrofit solutions are already available – and recognising that investments in new H2-ready infrastructure and equipment do not lead to a lock-in demand for natural gas



COMMUNICATION WITH END-USERS

Ensuring that customers are informed of expected gas quality changes by grid operators in a structured way and well ahead – while maintaining a certain stability of the gas quality



FLEXIBLE GAS POWER GENERATION

Recognising the role of flexible gas power generation in combination with the long-storage benefits of gas to supply peak electricity demand and heat. Gas power generation should continue being connected to the gas network and receive renewable and low-carbon gases as they become increasingly available. The EU's system of certification and guarantees of origin should allow electricity and heat generated from gas power plants using renewable or low-carbon gas to be recognised as decarbonised energy.



EUTurbines - European Association of Gas and Steam Turbine Manufacturers

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www.euturbines.eu