



European  
Commission

# Clean energy

The European  
Green Deal

December 2019  
#EUGreenDeal

Decarbonising the EU's energy system is critical to reach our climate objectives.

## Key Principles:



Prioritise energy efficiency and develop a power sector based largely on renewable sources

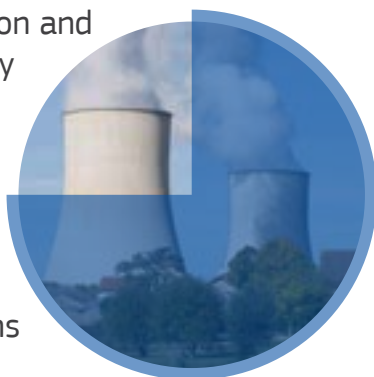


Secure and affordable EU energy supply



Fully integrated, interconnected and digitalised EU energy market

➤ The production and use of energy account for more than **75%** of the EU's greenhouse gas emissions



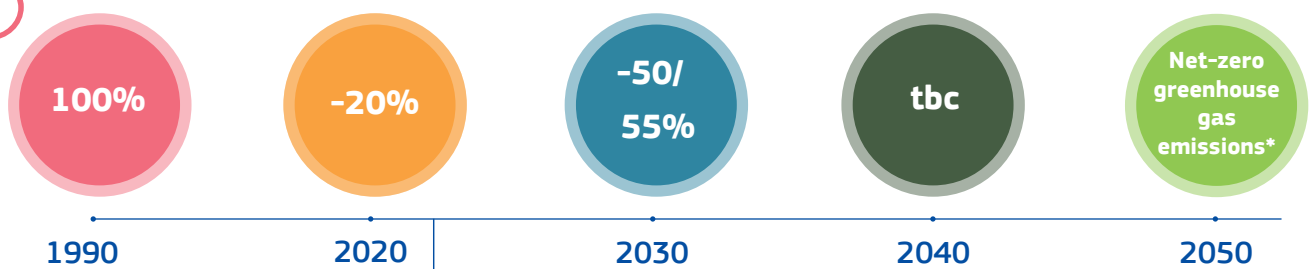
➤ **17.5%** of the EU's gross final energy consumption came from renewable sources in 2017



## The European Commission will make proposals to increase the EU's climate ambition for 2030.

Relevant energy legislation will be reviewed and where necessary revised by June 2021. EU Member States will then update their national energy and climate plans in 2023, to reflect the new climate ambition.

GHG emissions



**2023:** EU Member States update their national energy and climate plans to reflect the new climate ambition.

\* The emissions that will not be eliminated by 2050 will be removed e.g. via natural carbon sinks such as forests and carbon capture and storage technologies

• **Interconnect energy systems** and better link/integrate renewable energy sources to the grid

• Promote innovative technologies and **modern** infrastructure

• **Boost energy efficiency** and **eco-design** of products

• **Decarbonise the gas sector** and promote **smart integration** across sectors

• **Empower consumers** and help Member States tackle energy poverty

• **Increase cross-border and regional cooperation** to better share clean energy sources

• Promote EU energy standards and technologies at **global level**

• Develop the full potential of Europe's **offshore wind** energy