

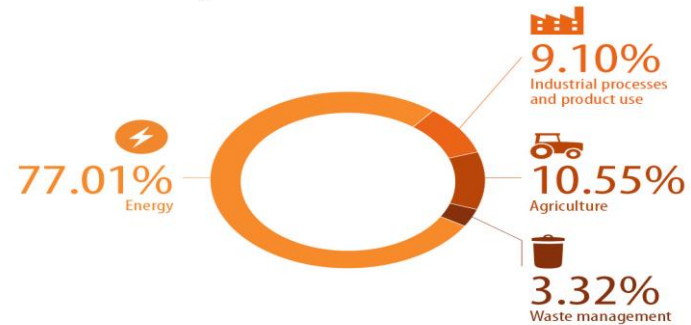


# Green Deal:

Clean, reliable and  
affordable energy

The production and use of energy account for **more than 75% of the EU's greenhouse gas emissions**. Decarbonising the EU's energy system is therefore critical to reach our 2030 climate objectives and the EU's long-term strategy of achieving carbon neutrality by 2050.



### Greenhouse gas emissions in the EU by sector\* in 2019



\* All sectors excluding land use, land-use change and forestry (LULUCF)  
The percentages do not add up to 100% due to rounded figures being used

Source: European Environment Agency (EEA)





The European Green Deal focuses on 3 key principles for the clean energy transition, which will help reduce greenhouse gas emissions and enhance the quality of life of our citizens:

1. Ensuring a **secure** and affordable **EU energy supply**.
2. Developing a **fully integrated, interconnected** and **digitalised EU energy market**.
3. Prioritising **energy efficiency**, improving the energy performance of our buildings and developing a power sector based largely on **renewable sources**.





The Commission's main objectives to achieve this are:

## 1. BUILD

**interconnected energy systems** and better integrated grids to support renewable energy sources.

## 2. PROMOTE

innovative technologies and **modern infrastructure**.

## 3. BOOST

**energy efficiency** and **eco-design** of products.

## 4. DECARBONISE

**the gas sector** and promote **smart integration** across sectors.



## 5. EMPOWER

**consumers** and help **EU** countries to tackle energy poverty.

## 6. PROMOTE

**EU energy standards** and technologies at global level.



## 7. DEVELOP

the full potential of Europe's **offshore wind** energy.

The European Commission adopted a set of proposals to make the EU's **climate, energy, transport and taxation policies** fit for reducing net greenhouse gas emissions by **at least 55%** by 2030, compared to 1990 levels.