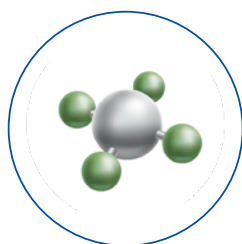


# EU Methane Strategy

October 2020  
#EUGreenDeal

## > Why an EU Methane Strategy?



Methane ( $\text{CH}_4$ ) is the second biggest contributor to climate change after carbon dioxide ( $\text{CO}_2$ ).

Reducing worldwide methane emissions by **50% over the next 30 years** could mitigate global temperature change by  $0.18^\circ\text{C}$  by 2050. It is an important building block for the Paris Agreement.

Methane is also **a powerful local air pollutant**, causing serious health problems.

Accelerating action on methane is **essential to achieve climate neutrality by 2050**, and reduce greenhouse gas emissions by at least 55% by 2030.

## > Where does it come from?

**Agriculture, waste** and **energy** account for up to 95% of human-made methane emissions worldwide. In Europe, this share is even higher:



**53%**  
agriculture



**26%**  
waste



**19%**  
energy

## > What will the EU do about it?

The EU will **lead the way globally to address methane emission reductions** in all relevant sectors and with all partner countries.

### MORE ACCURATE MEASUREMENT AND REPORTING



Proposing **EU legislation** on **compulsory measurement, reporting, and verification** for all energy-related methane emissions.



**Improved measurement and reporting of methane emissions by companies**, including through sector-specific initiatives.



**Satellite-based detection** of super-emitters through the EU's Copernicus programme.



Support the creation of an **international methane emissions observatory** with the UN, including a methane supply index for international transparency.

### MORE EFFECTIVE MITIGATION MEASURES



Providing targeted support to accelerate the development of **the market for biogas** from sustainable sources, including pilot projects for rural and farming communities.



Promotion of best practices and technologies, feed and breeding changes, and carbon farming to **reduce agricultural emissions**.



An obligation to **improve leak detection and repair (LDAR) of leaks** on all fossil gas infrastructure, production, transport and use.



Possible future **legislation on venting, flaring and standards** covering the full supply chain, and support to the World Bank 'Zero Flaring' initiative.



**A review** of the Landfill Directive, Urban Waste Water Treatment Directive and Sewage Sludge Directive.

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