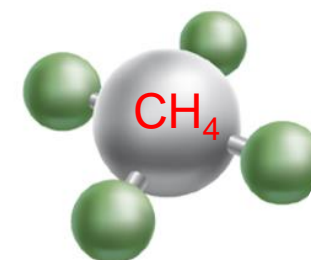




Regulation on methane emissions reductions in the energy sector

22 / 02 / 2024

EU policy context



- European Green Deal, Fit for 55
- EU strategy for reducing methane emissions (2020)
- REPowerEU + Recovery & Resilience Plans
- EU methane regulation in the energy sector (political agreement)
- 2040 EU climate target plan (2024)

+ Global Methane Pledge (COP26)

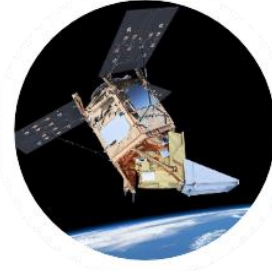
+ Joint Declaration of energy importers and exporters (COP27)

+ Methane Finance Sprint and “transition away from fossil fuel” + Oil and Gas Decarbonisation Charter (COP28)



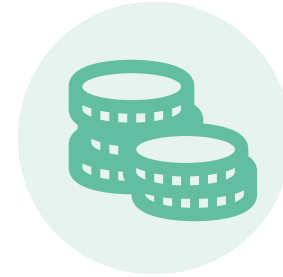
EU METHANE REGULATION

(+ US EPA and Canadian Regulations)



METHANE DATA REVOLUTION

Launch of Methane Alert and Response System (MARS), expansion of OGMP 2.0 membership, announcement of Methane Supply Index



NEW FUNDING & INITIATIVES

Methane Finance Sprint, new World Bank Trust Fund, Oil and Gas Decarbonisation Charter



YOU COLLECT, WE BUY

Cooperation with neighboring countries and global roadmap for COP29



NEW GMP MEMBERS

Romania, Kazakhstan, Turkmenistan, Kenya, and Angola

GMP CHAMPIONS

EU, US, Canada, Nigeria, Germany, Micronesia, and Japan



2 December: President von der Leyen co-hosted the Global Methane Pledge Summit. She announced:

- EUR 175 million in Commission funding; and
- *You Collect, We Buy* Roadmap for COP29

5 December: EVP Šefčovič and Commissioner Simson co-hosted the Global Methane Pledge Ministerial



“With the “You Collect, We Buy” scheme we are showing the way forward. And with €175 million for the Methane Finance Sprint, we are helping low- and middle-income countries to act too”.

*Ursula von der Leyen,
President of the European Commission,
at COP28
(europa.eu)*

EU methane regulation Objectives

1. Improving measurement and reporting of methane emissions in the EU
2. Reducing methane emissions in the EU via prescriptive abatement measures that can be applied from day one
3. Incentivising the EU's international partners to measure, report and reduce their methane emissions
4. Increasing transparency on methane emissions globally



Oil and gas obligations

MRV

- EU operators to deliver **source and site level measurements** and **report verified methane emissions**
- Member States to establish **inventory of inactive and plugged wells**
- Member States or other responsible parties to **quantify and report verified methane emissions from inactive and plugged wells**

Abatement

- EU operators to conduct **frequent leak and detection** and **repair leaking components**
- **Restrictions on venting and flaring**, with limited exceptions
- **99% flaring efficiency**
- Member States or other responsible parties to **mitigate emissions in inactive and plugged wells**



Coal obligations

MRV

- EU operators to **measure and report verified methane emissions from active underground and surface mines**, and from **closed underground mines**
- Member States to establish **inventory of closed and abandoned underground mines** and to **measure and report methane emissions from abandoned underground mines**

Abatement

- **Restrictions on venting & flaring from drainage stations (2025)** and on venting from **ventilation shafts (2027)** in **active underground mines**
- **Operating coking coal mines venting restrictions** from ventilation shafts to be set out within 3 years
- **Mitigation plan and restrictions on venting & flaring in closed/ abandoned mines (2030)**



Obligations on imports of oil, gas and coal

2025

Report **emissions data and information** on exporting countries and companies MRV and abatement measures

2027

New / renewed contracts: **demonstrate that equivalent MRV** is applied to the imported oil, gas or coal at production level

2029

New / renewed contracts: report the **methane intensity** of the oil, gas and coal at production level

According to a **methodology** set by the Commission (by 2028)

2030

New / renewed contracts: demonstrate that the **methane intensity** of the oil, gas and coal at production level is **below thresholds to be** set by COM

Existing contracts: reasonable efforts and obligation to justify

Global transparency tools

Transparency database

Methane emissions data + information on MRV and abatement measures by EU MSs, third countries and companies

Global monitoring tool

Satellite data + information on the magnitude, occurrence and location of high methane-emitting sources

Rapid reaction mechanism

Information exchange and an early warning system to address super emitting events (above 100kg/h) and remedial measures

Methane performance profiles

of EU MSs, third countries and companies



Thank you



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