

A stylized blue-toned map of the world with glowing blue lines representing an energy network or data connections overlaid on it.

OPERATIONALISATION OF GLOBAL METHANE PLEDGE

67th PHLG, 22 March 2023

GHG	Symbol	Lifetime (years)	GWP ₂₀ (Over 20 years)	GWP ₁₀₀ (Over 100 years)	Total emissions (2018)
Carbon Dioxide	CO ₂	100-1000	1	1	81%
Methane	CH ₄	12	84	28	10%
Nitrous Oxide	N ₂ O	121	264	265	7%
Tetrafluoroethane	HFC-134a	13	3710	1300	2%
Trichlorofluoromethane	CFC-11	45	6900	4660	
Carbon Tetrafluoride	CF ₄	50,000	4880	6630	

In Contracting Parties:
CO₂ 68-78%
CH₄ 13-20%

Source: UNFCCC reports

CO₂ is the main GHG, but

CH₄ defines the speed of warming

The need to act in **the next decades**, not in the next century



Global Methane Pledge by 2030

CH₄ contributes to 0,5° C

= Fast action on methane to keep a 1.5°C future within reach

Global Methane Pledge

All Contracting Parties = signatories

Participants joining the Pledge agree to take voluntary actions to contribute to a collective effort **to reduce global methane emissions by at least 30 percent from 2020 levels by 2030**, which could eliminate over 0.2°C warming by 2050. This is a global, not a national reduction target. Participants also commit to moving towards **using the highest tier IPCC good practice inventory methodologies**, as well as working to continuously improve the accuracy, transparency, consistency, comparability, and completeness of national greenhouse gas inventory reporting under the UNFCCC and Paris Agreement, and to **provide greater transparency in key sectors**.

50 countries already submitted plans, and others expected to do it by COP28

EnC acquis

Governance Regulation
NCEPs, a decrease of GHG emissions

Decarbonization roadmap

EU Regulation on methane emissions in the energy sector (2023)

ECS collecting data on methane emissions from gas companies, Assessment based on OGMP 2.0

ECS = Supporting Organisation to **Methane Guiding Principles**
MGP developed in 2022 GMP Toolkit for policymakers

OGMP 2.0, as a part of the upcoming Regulation

Signatories:
Naftogaz, Moldovagaz, GAMA (Nomagas), TAP

Proposal for the next steps:

1) **Sharing the knowledge about existing available tools** 2Q2023

(general workshop and/or CP by CP meetings with all relevant stakeholders)

MGP GMP Toolkit for policymakers / MIST, in line with OGMP 2.0, for companies

2) **Support in implementing relevant knowledge** 2H2023

to move towards commitments under the Global Methane Pledge / NECPs



METHANE
GUIDING
PRINCIPLES

<https://methaneguidingprinciples.org/>

Toolkits

Best Practices Guidelines

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<https://mist.carbonlimits.no/>

User-friendly free tool which leverages the latest research to set up your methane inventory and help prioritize mitigation



**THANK YOU
FOR YOUR ATTENTION**

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