

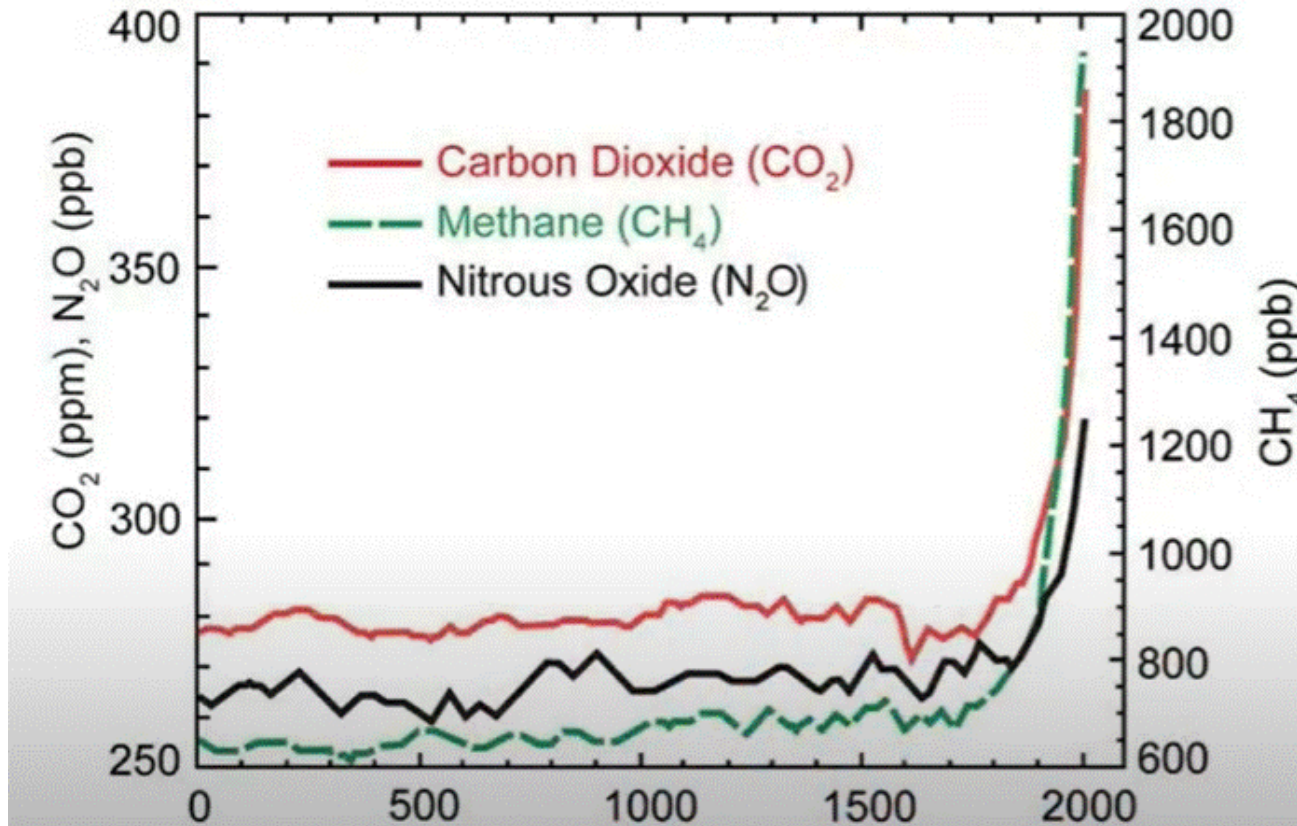
16<sup>TH</sup> OIL FORUM OF THE ENERGY COMMUNITY

# ADVANCING GLOBAL METHANE REDUCTION

A TOOL TO FULFIL

## GLOBAL METHANE PLEDGE

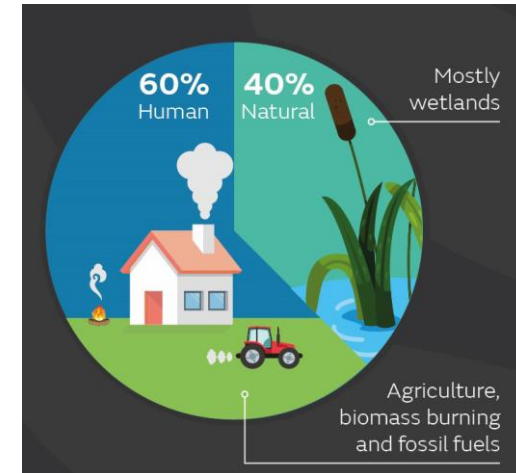
Karolina Čegir, Senior Gas Expert, Energy Community Secretariat



12 years in the atmosphere

GWP<sub>20</sub> = 84

CH<sub>4</sub>



Participants joining the Pledge agree to take voluntary actions to contribute to a collective effort to **reduce global methane emissions by at least 30 per cent 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.

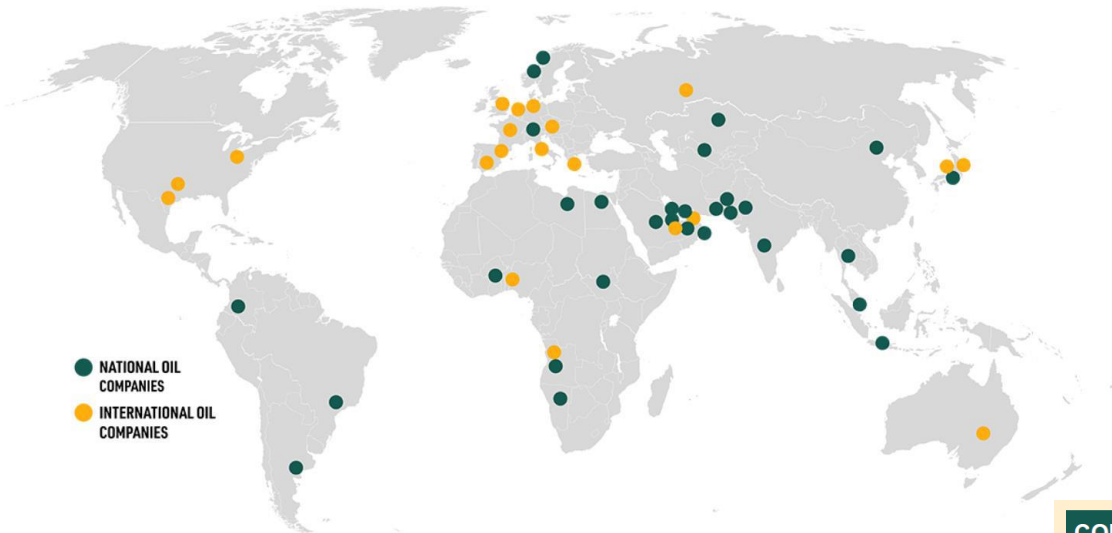
- the Energy Pathway
- the Waste Pathway
- the Food and Agriculture Pathway
- Methane Plans and Policies
- Data for Methane Action
- Finance for Methane Abatement



**158 Countries =**  
50% of global anthropogenic CH<sub>4</sub> emissions

<https://www.globalmethanepledge.org/>

All CPs joined the Pledge



50 companies:

Operating in over 100 countries

Representing 43% of global oil production

SOCAR, ENI, Shell are signatories (present in Albania and Georgia)

● NATIONAL OIL COMPANIES  
● INTERNATIONAL OIL COMPANIES

Topics in 2024 →

Oil & gas decarbonization strategies

Greenhouse gas emissions reporting

**Methane and flaring emissions reduction**

← Tools of operating



**COMMUNITY OF EXPERTS & TRAINING**

Webinars

Regional workshops

1-1 training

**WEB-BASED TOOLS**

Online library

"Directory of resources"

Real-world case studies

## RESOURCE LIBRARY

- Centralized repository of resources i.e., research papers, reports, articles and guides relating to decarbonization strategies, technologies and best practices
- Public access - hosted on a public website (OGCI)
- User friendly by design - allowing users to filter and identify documents based on specific interests and needs
- First iteration covering methane and flaring emissions and to be extended to other topics in the future iterations

## REAL WORLD CASE STUDIES

- Signatories are invited to submit real world case studies for potential publication on OGDC website
- Case studies aim to showcase leading efforts being deployed by OGDC signatories and transfer technical knowledge and experience with peers i.e., implementing best practices, deploy technologies
- Proposed case studies should align with one or more of OGDC's decarbonization focus areas, provide measurable impact and provide actionable steps/methodologies to be applied by other signatories

## DIRECTORY OF RESOURCES & TECHNICAL SUPPORT OPTIONS

- Map of existing technical support options offered from external stakeholders to OGDC signatories
- Enables OGDC signatories to identify and connect to relevant trusted partner to support their decarbonization efforts
- Developed by EDF, IOGP, MGP, Ipieca and OGCI - only available to OGDC signatories and MGP AGMR companies
- In its current iteration 1, the tool will be limited to a catalogue of existing industry associations' technical support options available to OGDC signatories and MGP AGMR companies, offered pro bono to them

INDUSTRY ASSOCIATIONS / NOT FOR PROFIT	COVERAGE (GLOBAL/REGIONAL)	TECHNICAL			CAPACITY BUILDING & TRAINING			MRV		
		GUIDANCE	STUDIES	ABATEMENT WORKSHOPS	1-1 TRAINING	BEST PRACTICE SHARING	MASTERCLASS	CH4 AND FLARING DATA SHARING	GUIDANCE ON REPORTING	GUIDANCE ON VERIFICATION
Clean Air Task Force (CATF)	Global				Yes	Yes			Yes	Yes
Climate & Clean Air Coalition (CCAC)	Global					Yes			Yes	
Energy Community	Regional / Europe					Yes			Yes	
Eurogas	Regional / Europe									
GTI Energy	Regional	Yes							Yes	Yes
International Energy Agency (IEA)	Global	Yes		Yes	Yes	Yes		Yes		
International Oil and Gas Producers (IOGP)	Global	Yes	Yes	Yes	Yes	Yes	Yes			
Ipieca	Global					Yes	Yes		Yes	
ASEAN Methane Leadership Programme (MLP)	APAC					Yes	Yes			
Oil and Gas Climate Initiative (OGCI)	Global	Yes	Yes			Yes		Yes		
Oil and Gas Decarbonisation Charter (OGDC)	Global	Yes		Yes	Yes	Yes				
RMI	Global				Yes	Yes	Yes			
UNEP IMEO & OGMP2.0	Global	Yes	Yes	Yes	Yes	Yes		Yes	Yes	
World Bank GFMR	Global									

INDUSTRY ASSOCIATIONS / NOT FOR PROFIT	COVERAGE (GLOBAL/REGIONAL)	STRATEGY & POLICY			MEASUREMENT			FINANCE
		GUIDANCE ON POLICY & REGULATION	METHANE ABATEMENT STRATEGY	GUIDANCE ON TARGET SETTING	SOURCE TECHNOLOGY (L4)	SITE TECHNOLOGY (L5)	RECONCILIATION	FINANCING METHANE EMISSIONS MITIGATION PROJECTS (CAPEX INVESTMENT)
Clean Air Task Force (CATF)	Global	Yes	Yes	Yes				
Climate & Clean Air Coalition (CCAC)	Global	Yes	Yes	Yes				
Energy Community	Regional / Europe	Yes						
Eurogas	Regional / Europe	Yes						
GTI Energy	Regional				Yes	Yes	Yes	
International Energy Agency (IEA)	Global	Yes	Yes	Yes				
International Oil and Gas Producers (IOGP)	Global							
Ipieca	Global							
ASEAN Methane Leadership Programme (MLP)	APAC							
Oil and Gas Climate Initiative (OGCI)	Global	Yes		Yes		Yes		
Oil and Gas Decarbonisation Charter (OGDC)	Global			Yes				
RMI	Global							
UNEP IMEO & OGMP2.0	Global				Yes	Yes	Yes	
World Bank GFMR	Global							Yes

# Energy Community Secretariat – Supporting Organisation to MGP



<https://methaneguidingprinciples.org/>

	Initiative	Sponsor(s)	Contributing Members
Outreach	1. Manage and Reduce GHG (a) Future JVs (including in negotiations) (b) Existing JVs	EDF	bp, Baker Hughes, Chevron, ENBRIS, Eni, ExxonMobil, OXY, PETRONAS, REPSOL, Shell, TotalEnergies, UN, 中国石化, 壳牌, 埃克森美孚, 道达尔能源
	2. Partner Collaboration Campaign (PCC)	bp, Chevron	Eni, Equinor, OXY, PETRONAS, Shell, TotalEnergies
	Midstream Initiative	壳牌	apa, Baker Hughes, enagas, Energy Community, GasurHe, GERG, Cap Infrastructure Europe, marcogaz, GRTgaz, OXY ENERGY, MIQ, 中国石化, snam, TC Energy, 北京燃气, tamoran
	Advancing Global Methane Reduction (AGMR)	ExxonMobil	apa, Baker Hughes, 北京燃气, bp, Chevron, DNO, Energy Community, energy institute, Eni, ENN新奥, EDF, equinor, eurogas, GasurHe, GERG, Cap Infrastructure Europe, marcogaz, GRTgaz, OXY ENERGY, lea, IGU, ICA, ipieca, MIQ, OEUK, OGU, Climate Investment, OXY, PETRONAS, 中国石化, REPSOL, RMI, SUSTAINABLE GAS INSTITUTE, slb, snam, SOCAR, tamoran, TC Energy, TotalEnergies, 壳牌, UN, THE WORLD BANK
Technical Tools	Update Best Practice Guides	OXY, 中国石化, Shell, bp	
	Methane By Source Tool - Phase 2	bp, OGU	apa, Baker Hughes, EDF, lea, OXY ENERGY, MIQ, PETRONAS, OXY, winterhall dea, UN
Comms.	Communication Plan	ipieca, OGU	
	Executive and Masterclass	TC Energy	Baker Hughes, SUSTAINABLE GAS INSTITUTE
Technical	Technical Workstream	slb, Baker Hughes, OGU	energy institute

# Voluntary industrial initiatives – accumulated knowledge



Methane detection and quantification technology filtering tool

Recommended Practice for methane emissions detection and quantification technologies – upstream

<https://www.iogp.org/>



<https://www.ipieca.org/>



ZRF WEBSITE

### Zero Routine Flaring by 2030 (ZRF) Initiative

Launched in 2015, the ZRF Initiative commits governments and oil companies to end routine flaring no later than 2030.



REPORT

### Global Gas Flaring and Venting Regulations

A detailed review of regulatory frameworks governing gas flaring and venting in 21 oil-producing countries.



REPORT

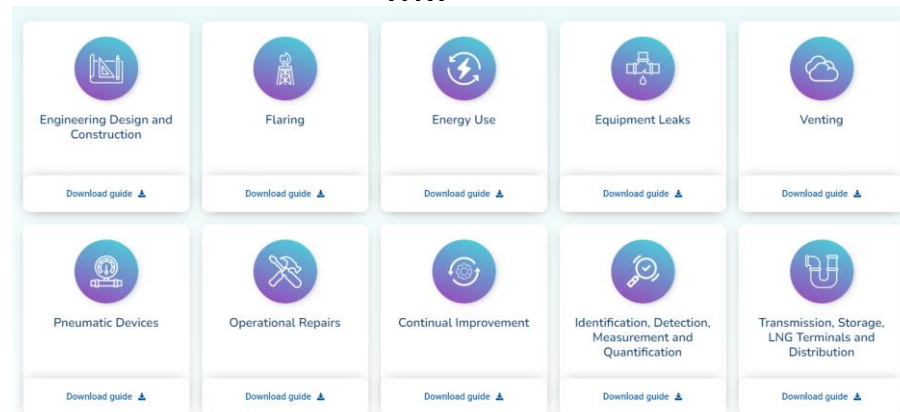
### Financing Solutions to Reduce Flaring and Methane Emissions

A systematic framework for evaluating the feasibility of financing flare reduction projects at medium-sized flaring sites.

[15 programs to cut methane emissions | Greenhouse gas and global warming \(worldbank.org\)](#)



## Toolkits Best Practices Guidelines



<https://methaneguidingprinciples.org/>



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

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



# Voluntary industrial initiatives – achieved results



The Oil and Gas Climate Initiative is a CEO-led organization bringing together 12 of the largest oil and gas companies worldwide to lead the industry's response to climate change.



OGCI members' total upstream greenhouse gas emissions reductions in 2022 vs 2017<sup>4</sup>

**-21%**

carbon intensity

**-50%**

absolute methane emissions

**-45%**

flaring of greenhouse gas emissions



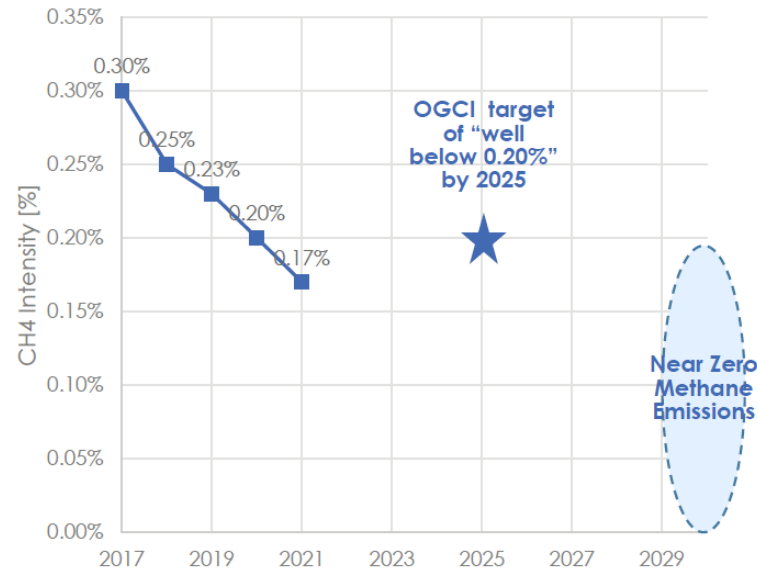
**AIMING FOR ZERO**  
Methane Emissions Initiative

There are five key focus areas for action in this initiative:

**Aim** < **Minimize** **Report** **Monitor & Measure** **Advocate**

<https://www.ogci.com>

## OGCI Upstream Methane Intensity Target & Aiming for Zero by 2030



Sources: OGCI Website (2021), GHGSat (2021)



# COORDINATION





**THANK YOU  
FOR YOUR ATTENTION**

**[karolina.cegir@energy-community.org](mailto:karolina.cegir@energy-community.org)**

## **GET IN TOUCH**

 [www.energy-community.org](http://www.energy-community.org)

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 [/company/energy-community](https://www.linkedin.com/company/energy-community)

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