Setting a Path for Ambitious Methane Action

GMI Oil & Gas Subcommittee Meeting



In conjunction with the UNECE 9th Session of the Group of Experts on Gas

23 March 2022

Welcome!

James Diamond

Oil & Gas Subcommittee Co-Chair

Environment and Climate Change Canada

Scott Foster

Director, Sustainable Energy Division

United Nations Economic Commission for Europe (UNECE)

Francisco de la Flor Garcia

Chair, UNECE Group of Experts on Gas

Director, International Organizations, ENAGAS S.A.















Group of Experts on Gas

Mr. Francisco de la Flor García Chair





- The Group of Experts on Gas (GEG) helps UNECE member States deliver on key political commitments, such as the 2030 Agenda for Sustainable Development and the Paris Agreement on climate change.
- We have a long history of collaborating with the Global Methane Initiative (GMI) and we welcome your participation in our upcoming meetings











Group of Experts on Gas 9th session 24-25 March 2022 Online & Palais des Nations, Geneva



March 24, 2022

Time Geneva (EST)	Agenda Topics	
11:00am (6:00am)	Adoption of the agenda	
11:05 (6:05 am)	Opening remarks	
11:10 (6:10am)	Hydrogen: production and consumption	
12:00 pm (7:00am)	Hydrogen: system development and gas asset readiness	
1:00 pm (8:00am)	Break (2 hours)	
3:00pm (10:00am)	Methane and hydrogen emissions in the gas sector	
4:20pm (11:20am)	Impact of gas and electricity prices on UN Sustainable Development Goals Improving urban air quality	
5:00 (12:00pm)	GEG Updates and Business, including Activities and priorities of the UNECE Committee on Sustainable Energy and Update on implementation of the 2020-2021 work plan	

Methane and the natural gas sector: The latest in science, methane management policy, and technical resources

3:00pm (10:00am EST)

Moderators:

- Mr James Diamond, Chair, Global Methane Initiative
 Oil & Gas Subcommittee
- Ms Denise Mulholland, Economic Affairs Officer, UNECE

Speakers:

- Dr Steve Hamburg, Chief Scientist, Environmental Defense Fund
- Mr Tomas Carbonell, Deputy Assistant Administrator, US Environmental Protection Agency
- Mr Brendan Devlin, DG ENER, European Commission
- Ms Giulia Ferrini, UN Environment Programme Q&A, Interventions



Group of Experts on Gas 9th session 24-25 March 2022 Online & Palais des Nations, Geneva



Time Geneva (EST)	Agenda Topics	
11:00am (6:00am)	Carbon capture, utilisation, and storage: The role of gas infrastructure	
12:00 pm (7:00 am)	Promoting sustainable and clean production, distribution, and consumption of gas and LNG in the ECE region	
1:00pm (8:00am)	Break (2 hours)	
3:00 pm (10:00am)	Gas in Transport	
3:20 pm (10:20am)	Update on activities in member States, the gas industry and organizations (tour de table)	
4:00pm (11:00am)	Preparations for the tenth session of the Group of Experts	
4:20pm (11:20am)	Any other business	
4:30 (11:30pm)	Adoption of conclusions and recommendations	
5:00pm (12:00pm)	Adjourn	

- For more information and to register,
 - Go to: https://unece.org/sustainable-energy/events/ninth-session-group-experts-gas
 - Contact us: natural.gas@un.org
- To join the session on either day:
 - https://zoom.us/j/92694292259?pwd=N k9FS2NXNk9XcGo1TkVTU0Z5NGo3Zz09
 - Meeting ID: 926 9429 2259
 - Passcode: 774530

We look forward to seeing you there and to future opportunities to collaborate with GMI



Adoption of the Agenda

- Welcome and Opening
- Update on GMI Activities
- Oil & Gas Subcommittee Business
- Advances in the Management of Fugitive Emissions in the Colombian Oil & Gas Sector
- IEA Methane Tracker Update
- Planning for the Global Methane Forum 2022
- Wrap Up, Next Steps, and Adjourn

Oil & Gas Subcommittee Business:

- Action Plan 2022-2025
- Partner Country Updates
- Subcommittee Engagement

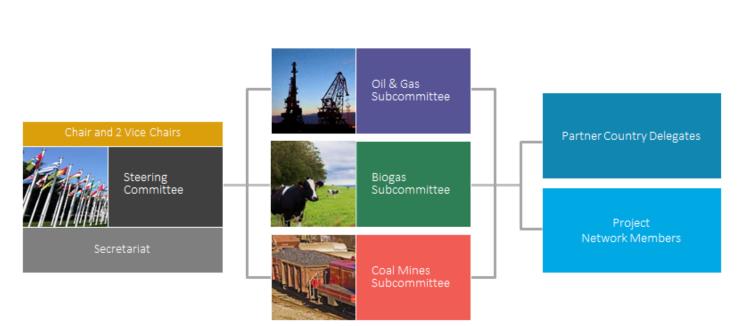
Update on GMI Activities

Monica Shimamura

Director, GMI Secretariat

GMI Structure and Participants

GMI is an international public-private partnership focused on reducing barriers to the recovery and use of methane as a valuable energy source.





- 46 Partner Countries
- 700+ Project Network members
- Alliances with international organizations focused on methane recovery and use



GMI Partner Countries represent approximately 75% of methane emissions from human activities.

GMI Accomplishments Since 2004



Grown from 14 to 46 Partner Countries



Leveraged more than **\$650 million** in funding for projects and training



Gained more than **700 Project Network** members from around the world



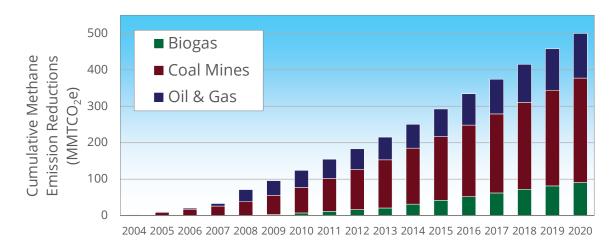
Conducted **hundreds** of assessments, pre-feasibility studies, feasibility studies, study tours, and site visits



Provided trainings for more than **50,000 people** in methane mitigation



Developed more than **60 tools and resources** for methane mitigation



500 MMTCO₂e

methane emission reductions since 2004, approximately equivalent* to the CO_2 emissions from any one of the following:



gallons of gasoline consumed



pounds of coal burned



smartphones charged

^{* &}lt;u>epa.gov/energy/greenhouse-gas-equivalencies-calculator</u>

GMI "By the Numbers" for 2021

- Leveraged virtual
 platforms to maintain
 and increase
 engagement with
 stakeholders
- Expanded direct communications with social media
- Promoted GMI's technical expertise

In FY 2021:

11 countries

supported activities where more than

1,100 people

received a total of approximately

1,000

of training about reducing methane emissions and capturing methane for productive uses



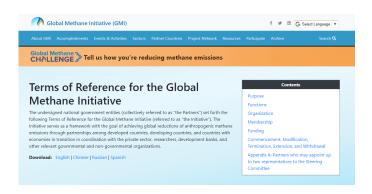
Capacity Building/Information Sharing fostering best practices

- Workshops/Trainings
 European Commission, United States, Partnership-wide
- 9 Manuals/Websites/Other Outreach
- Assessments identifying opportunities for emission reductions
- **Reports/Tools/Models**United States, Partnership-wide
- 1 Study Tours/Other Technical Assistance India
- Partnerships
 building relationships to foster action
- 12 GMI Meetings (Steering Committee/Subcommittees)
 Online
- 2 Conferences
 Partnership-wide Online
- Webinars, Informational Meetings, and Presentations
 Colombia, Indonesia, Poland, Serbia, Ukraine, United States, Partnership-wide

2021 Highlights

- Rechartered GMI through May 2031
 - Raise ambition over next 10 years
 - Elevate international awareness of the critical need to take action now to reduce methane emissions
- Published New Terms of Reference (June 2021)
- Hosted "A Call to Action on Methane"
 - Influential global leaders on methane
 - More than 360 attendees, materials available online
- Developed new Steering Leadership model







Refreshed Steering Committee Participation



Steering Committee Members

- Canada
- India
- United States
- China
- Colombia
- Ecuador
- Finland
- Ghana
- Indonesia (NEW)
- Nigeria
- Saudi Arabia (NEW)
- Serbia (NEW)
- Turkey (NEW)

Chair and Vice Chairs Model

- The Steering Committee makes appointments to each position by consensus for a 2-year term
- Chair provides overall leadership for the Initiative
- Vice Chairs offer additional leadership to delegate responsibilities and improve coordination with GMI Subcommittees, delegates, and strategic partners





Acting Chair, Ms. Laura Farquharson Director-General of Legislative and Regulatory Affairs, Environment and Climate Change Canada





Vice Chair, Mr. Vinod Kumar Tiwari Additional Secretary, Ministry of Coal, Government of India





Vice Chair, Mr. Tomás Carbonell Deputy Assistant Administrator, Office of Air and Radiation, U.S. Environmental Protection Agency

Steering Committee and GMI Partner Countries

Steering Committee Leadership

- Canada (Chair)
- India (Vice Chair)
- United States (Vice Chair)

Steering Committee Members

China

- Indonesia
- **Colombia**
- Nigeria **NEW**
- **Ecuador**

💌 Saudi Arabia **NEW**

+ Finland

- Serbia **NEW**
- Ghana **NEW**
- Turkey

Other GMI Partner Countries

- Albania
- Argentina
- **Australia**
- Srazil 🔷
- **B**ulgaria
- Chile
- Cote d'Ivoire
- **Denmark**
- **The Example 2** Dominican Republic
- **Ethiopia**
- European Commission

- ## Georgia
 - Germany
- 🔯 Israel
- **III** Italy
- Japan
- **J**ordan
- Kazakhstan
- Mexico
- Mongolia M
- Nicaragua
- **H** Norway

- **C** Pakistan
- Peru
- Philippines
- Poland
- Republic of Korea
- **R**ussia
- Sri Lanka
- **Thailand**
- Ukraine
- **H** United Kingdom
- Vietnam

Steering Committee Priorities

- Provide support to countries that are working to aggressively reduce methane emissions, including signatories of the Global Methane Pledge
- Implement GMI Action Plan
 - Help Subcommittees enhance participation of Partner Country delegates
- Host the Global Methane Forum (October 2022 in Washington, DC)
- Leverage strategic partnerships to improve collaboration – for example, with United Nations Economic Commission for Europe (UNECE) and Climate and Clean Air Coalition (CCAC)



Opportunities for the Oil & Gas Subcommittee

- Expand Subcommittee membership
- Identify sector-specific, regional, and informal organizations to partner with



Global Methane Pledge

- GMI is a key supporter of the Pledge
- Countries joining the Pledge commit to:
 - Work to achieve a collective goal of reducing global methane emissions by at least 30% from 2020 levels by 2030
 - Move towards using the highest tier good practice inventory methodologies, and to provide greater transparency in key sectors.
- 111 countries have signed, representing over 40% of global methane emissions
 - 35 GMI Partner Countries





Source: https://www.globalmethanepledge.org/

Thank you!

Monica Shimamura

Director, GMI Secretariat

shimamura.monica@epa.gov secretariat@globalmethane.org



globalmethane.org



GMI Oil & Gas Subcommittee Business

James Diamond

GMI Oil & Gas Subcommittee Action Plan

- Based on priorities and needs identified by Oil & Gas Subcommittee members
- Will guide the work and activities of the Oil & Gas Subcommittee for the next four years (2022-2025)
- Shared with delegates for feedback in February 2022

Objective 1: Serve as a methane knowledge center for the oil & gas sector

- Collaborate with other organizations to host key sectoral events
- Distribute relevant materials through up-to-date websites, social media, and listservs
- Convene Subcommittee through webinars, meetings, and other gatherings to facilitate knowledge exchange

Objective 2: Facilitate policy and project implementation through capacity building and technical assistance

- Assist Partner Countries in developing, updating, and implementing country-specific planning to advance national and global methane reduction goals
- Identify policy and regulatory options/templates and provide trainings
- Provide technical assistance to identify methane mitigation projects
- Provide technical assistance to increase rigor of national greenhouse gas emissions inventories
- Conduct site tours for government and industry stakeholders

GMI Oil & Gas Subcommittee Action Plan: Discussion

- Received and considered delegate comments on draft plan
- Delegates and Project Network encouraged to review the final plan and reflect on highest value opportunities to contribute, share, and engage
- Subcommittee will finalize Action Plan by March 31
 - Final plan will be circulated to delegates and will be publicly available on the GMI website

Partner Country Updates

United States Update

Sarah Menassian

United States Environmental Protection Agency

United States Update

- Overview of US activities that will support US commitments under the Global Methane Pledge available in the White House's U.S. Methane Emissions Reduction Action Plan
 - U.S. Environmental Protection Agency
 - U.S. Department of Transportation's Pipeline and Hazardous Materials Safety Administration
 - U.S. Department of Interior's Bureau of Land Management and Bureau of Ocean Energy Management
- Greenhouse Gas Reporting Program
 - Collects annual, facility-level greenhouse gas data from large industrial sources in the United States, including oil and gas
 - 2020 data are now available
- National Inventory of Greenhouse Gas Emissions
 - Public review period for the 1990-2020 Inventory ended last week; final report will be published by April 15
 - The draft Inventory includes post-meter and large production well blowout emissions for the first time
- Partnership Programs
 - This summer, <u>EPA's Methane Challenge Program</u> will publish facility-level data on voluntary actions taken by Partner companies during 2020 to reduce methane emissions

United States Update (continued)

- Technical Resources Natural Gas STAR "Recommended Technologies" Library
 - Contains information on top O&G methane emission sources and mitigation options based on decades of Partner company experiences
 - Updating to a dynamic, searchable database with information to understand mitigation opportunities as well as new graphics
 - Collaboration opportunities: case studies, novel technologies/practices
 - Please email gasstar@epa.gov if you have ideas



safety benefits. Cost effective applications, however, are limited to those field sites with available electrical power, either from a utility or self-generated. stations, pipelines 70,000 thousand cubic feet (Mcf) per year per facility by replacing natural gas-powered pneumatic systems with nstrument air systems, representing annual savings of up where they regulate f to \$490,000 per facility. Partners have found that mos investments to convert pneumatic systems pay for themselves in just over one year. Individual savings will vary depending on the design, condition and specific operating conditions of the controllers.

air systems. Instrument air systems

substitute compressed air for the pressurized natural gas, eliminating methane emissions and providing additional

gas and liquid flows and levels in dehydrators and separators, temperature in dehydrator regenerators, and pressure in flash tanks. Most processing plants already use instrument air, but some use gas pneumatics, and including the gathering/booster stations that feed these rocessing plants, there are about 13,000 gas pneumatic estimated 85,000 pr valves and regulate

natural gas. The pneumatic control system consists of the





Recommended Technologies to Reduce Methane Emissions: Mitigation Option

Report a Violation >

Instrument Air Controllers



Companies can achieve significant methane emission reductions by converting natural gas-powered pneumatic control systems to compressed instrument air systems. and providing additional safety benefits

Description

Many Partners have found that it is cost-effective to substitute compressed air for natural gas in pneumatic

Resources Learn more about the

emission sources that

can be mitigated with this technology:

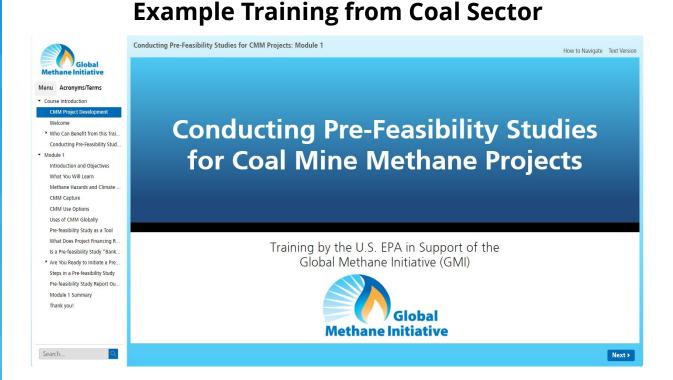
Search EPA.gov

About EPA V

CONTACT US

Natural Gas Powered

United States Update (continued)



Technical Resources - Trainings

- In support of GMI, U.S. EPA plans to develop on-demand technical trainings, like those developed for coal
- Knowing specific topics/emission sources/etc.
 of interest will be very helpful
- Please share topics of interest during the feedback session today, and via email to menassian.sarah@epa.gov

Canada Update

Diane De Kerckhove

Environment and Climate Change Canada

United Kingdom Update

Jane Durling

UK Environment Agency





Turkey Update

Emre Özgür, Ph.D.

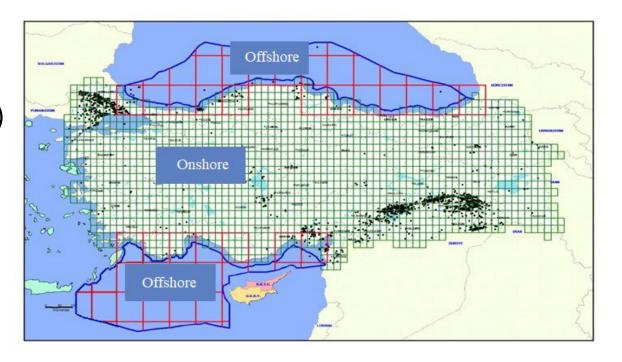
Turkish Ministry of Energy and Natural Resources

Oil & Gas Subcommittee Meeting 23 March 2022

Turkey Update

Upstream Petroleum Sector of Turkey

- 22 million barrel crude oil production (annual)
- 0,5 billion m³ natural gas production (annual)
- Sakarya gas field discovery (540 bcm), world's largest offshore discovery in 2020



Turkey Update (*continued*)

Emission Data of Turkish Upstream Petroleum Sector

Greenhouse Gas Emissions

Parameter	Amount
Flared methane, m ³	15,000,000
Utilized methane at power plants, m ³	20,000,000
Emitted (vented) methane, m ³	3,000,000
Emitted CO ₂ (100% flare efficiency), m ³	15,000,000

Flare hotspots of Turkey



Turkey Update (continued)

Evaluations

- Contrary to the increasing crude oil production tendency there is a decreasing trend in the flared gas amounts of Turkish upstream petroleum sector because of the utilisation of associated gas as feedstock in new small power plants at the high-GOR-fields.
- The methane emission of Turkey based on the upstream petroleum activities is low due to the production level and the characteristics of crude oils, forming the one in 10,000 of the global flared amounts.





Turkey Update

Emre Özgür, Ph.D.

Turkish Ministry of Energy and Natural Resources

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Oil & Gas Subcommittee Meeting 23 March 2022

Indonesia's Plan & Strategies in Methane Emission Reduction in Oil and Gas Sector

Directorate General of Oil and Gas

Ministry of Energy and Mineral Resources

Indonesia

INDONESIA'S CONDITION OF ENERGY AND COMMITMENT

As mandated by the Energy Law and the Electricity Law, the supply and utilization of NRE must be improved

SDG and NDC TARGETS



TARGET NDC 2030



PRESIDENT'S DIRECTION



UNFCCC - COP21, DECEMBER, 2015

Reduce GHG emissions by 29% (own capacity) or **41%** (international assistance) by 2030 according to the NDC



LEADERS SUMMIT ON CLIMATE, APRIL 2021

Opening up investment in the energy transition through the development of biofuels, lithium battery industry, & electric vehicles.



STATE SPEECH, AUGUST 16, 2021

The transformation towards **NRE**, as well as the acceleration of **a green technology-based economy**, is an important change in our economy.



COP 26, 2nd NOVEMBER 2021

Indonesia will be able to Contribute Faster To The World's Net-Zero Emissions.

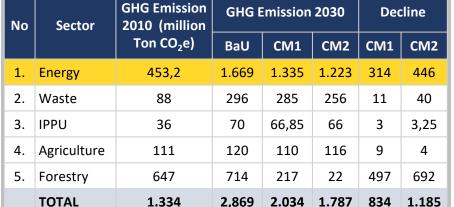
GLOBAL METHANE PLEDGE

Reducing Global Methane Emissions

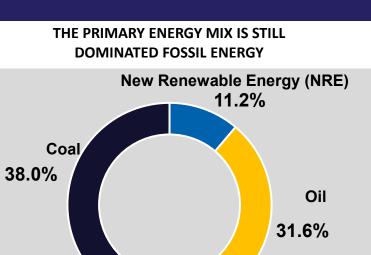




"Successful implementation of the Pledge would reduce warming by at least 0.2 degrees Celsius by 2050."



INDONESIA'S CURRENT POSITION AND PLANNING FOR METHANE MANAGEMENT



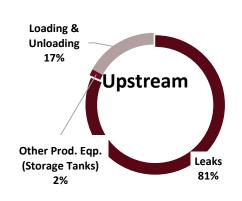
Coal dominates the share of national energy use. However, the carbon emissions released by coal are very large (not environmentally sustainable).

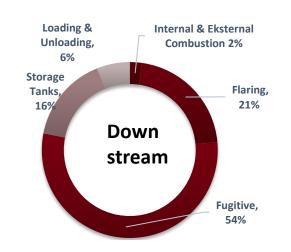
Natural Gas

19.2%

02 Utilization of NRE as an environmentally friendly energy source is still low.







- Currently, Indonesia has priority to building reliable GHG (include methane) database. This is important for us to make valid identification in methane mitigation.
- We are planning to develop guideline in emission measurement and quantification for GHG and flaring activities. We are open to international assistance in the development of this guidance.
- Capacity building for our stakeholder and transfer technology related to emission reduction from developed countries is highly expected.
 - We are open to collaborating with any international methane emission reduction initiatives (Global Methane Initiatives, Climate and Clean Air Coalition, etc) to achieve significant methane reduction in Indonesia's O&G sector.

OPPORTUNITY FOR INTERNATIONAL COOPERATION

- Energy sector shall be one of the key tools in enhancing national development and economic recovery in the post pandemic era.
- Reducing methane emission and CCS/CCUS deployment will help accelerating the transition to clean energy in Indonesia.
- To achieve GHG's emission reduction target, we need a strong international collaboration.

Building National GHG Monitoring Network

- Data assessment
- Baseline set up
- Identify mitigation opportunities
- Supporting Development of GHG Database



Capacity Building for O&G
Stakeholders

- Approaching new technology related to GHG mitigation
- Training
- Site/Facility assessment
- GHG reduction project

Cooperative Research Initiative

- Improving measurement of GHG sources and emissions
- Supporting Development of New Technologies to Reduce Emissions
- Development of blue ammonia

Thank you

THANK YOU



migas.esdm.go.id

Saudi Arabia Update

Hamoud AlOtaibi

Ministry of Energy

Enhancing Subcommittee Participation

James Diamond

- Subcommittee Participation
 - Share information on Partner Country methane management activities and plans
 - Interest in generating projects and connecting with other Subcommittee members
- Opportunities for leadership
 - Seeking new Subcommittee Co-Chair

Advances in the Management of Fugitive Emissions in the Colombian Oil & Gas Sector

Lina Maria Castaño Lujan

Ministry of Mines and Energy





Background on Colombia action on methane

Colombia - CCAC member

- Currently part of its Steering Committee
- Ongoing study to assess health co-benefits of air quality and climate change mitigation actions; study to support City of Cali for an organic waste management project.
- · Oil and Gas Peer to Peer regulatory support.
- Study on deducing black carbon and methane emissions through cost-effective flaring mitigation opportunities in Colombia

Resolution 40066

By which technical requirements are established for the detection and repair of leaks, the use, burning and venting of natural gas during hydrocarbon exploration and exploitation activities

2004

2012

2018

2018

2020

2022

Colombia joined GMI

- Landfill Gas Model Spreadsheet
- Coal Mine Methane Investigation Study
- Coal Mine Methane Market Study

PIGCCme

- Res 40807
- Strategyc line fugitive emissions

NDC Colombia

Colombia revised its Nationally Determined Contribution to reduce GHG emissions 51 % by 2030 and become carbon neutral by 2050

MADS published

National Short Lived Climate Pollutants Mitigation Strategy. This included a goal to reduce fugitive methane emissions





Comprehensive climate change management plan for the mining and energy sector (PIGCCme2050)

Formulation of a methodology so that companies can certify emissions reduced in mitigation projects and development of a top-down model for 2019 estimating fugitive emissions in hydrocarbon production in Colombia and their uncertainty The Directorate of Hydrocarbons and the Office of Environmental and Social Affairs of the Ministry of Mines and Energy, began the development of the 2020 regulation of fugitive emissions to increase operating efficiency and reduce fugitive emissions. The draft regulation was published for citizen comments and workshops were held with the 2021 industry to prepare the final version Consolidation of the Regulation "By which technical requirements are established for the detection and repair of leaks, the use, burning and venting of 2022 natural gas during hydrocarbon exploration and exploitation activities"







Object and structure of the regulation



Establish the guidelines, technical requirements and procedures for the detection and repair of leaks, the use, burning and venting of natural gas during hydrocarbon exploration and exploitation activities

Reduce natural gas waste and contribute to climate change mitigation measures by reducing greenhouse gas emissions caused by leaks and the burning and venting of natural gas.

Natural gas burning

- Maximum volume
- Burning permit
- Reports

Use of natural gas

and reduction of

gas emissions.

Technologies

Natural gas venting

2

- ProhibitionManagement of associated
- natural gas
 Technologies

Fugitive emissions

- Quantification
- Repair
- Prevention and mitigation
- Tracing





NEXT STEPS

Implementation of the national regulation on leaks, use, burning and venting of natural gas

- Carry out the preliminary diagnosis of capacities and requirements
- Consolidate the preliminary baseline of users subject to inspection.

ANH preparation plan for the control of fugitive emissions

Execution of the Internal Strengthening Plan

- Structure and develop a plan for institutional strengthening and internal training for the control of emissions.
- Structure technical document and issue administrative act of adoption of the rules of the game to present the PDRF

•Structure and execute a support plan for users subject to control in consolidation of LB and PDRF.

Strengthening plan for industry

Follow-up to the execution of the project's Operational Plan

 Perform detailed monitoring of the execution of the operating plan at the level of derivative contracts, activities and products.







THANK YOU!

Contact: Imcastano@minenergia.gov.co





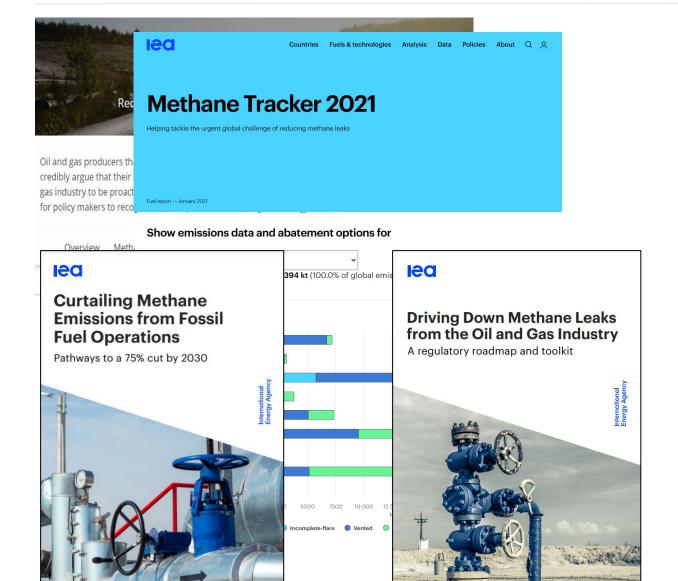


The Global Methane Tracker 2022

Tomás Bredariol, Energy and Environmental Policy Analyst GMI Oil & Gas Subcommittee Meeting, 23 March 2022

The IEA has a longstanding focus on methane abatement



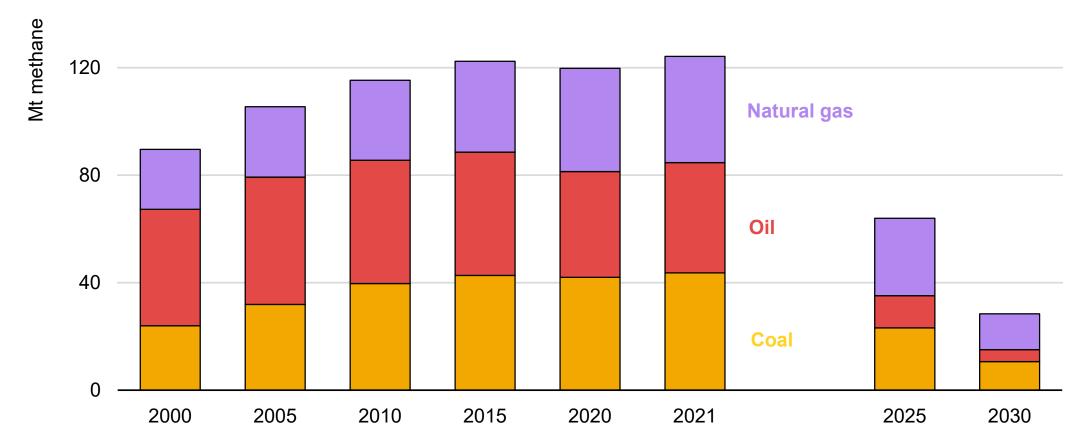


- The updated <u>IEA Global Methane Tracker</u> **2022** provides detailed estimates for 2021 that incorporate the latest evidence from scientific literature & measurement campaigns
- <u>Curtailing Methane Emissions from Fossil</u>
 <u>Fuel Operations</u> identifies the different actions
 & initiatives that can deliver a 75% cut in these emissions by 2030
- The <u>Regulatory Roadmap and Toolkit</u> is a detailed 'how-to' guide for policy makers and regulators seeking to cut methane emissions

Methane emissions from the energy sector rebounded in 2021



Methane emissions from fossil fuel operations in the Net Zero Emissions by 2050 Scenario

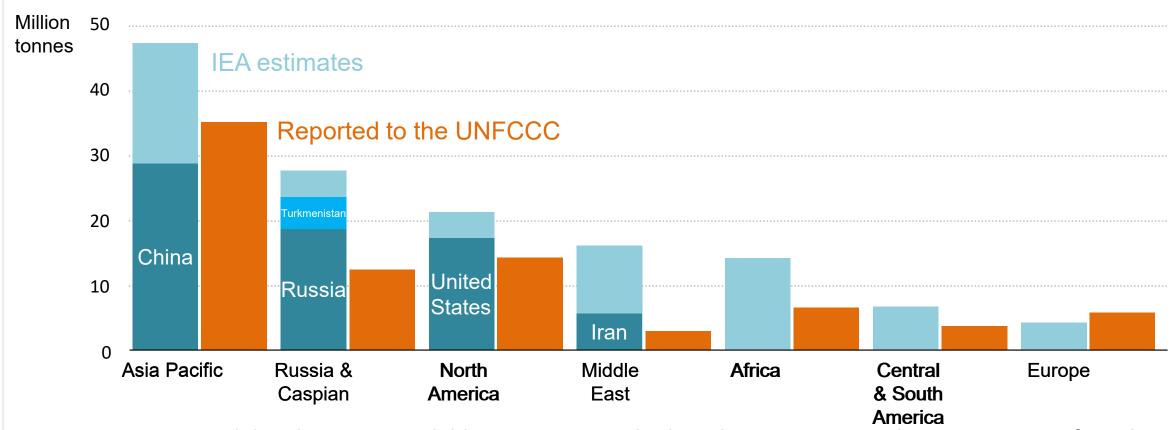


Methane emissions from the global energy sector increased by almost 5% in 2021. Estimated emissions remain slightly below 2019 levels even though energy demand and fossil fuel production are back above pre-crisis levels.

Global energy methane emissions are 70% higher than reported



IEA estimates of methane emissions from the energy sector compared with emissions reported to the UNFCCC



As more measured data becomes available, it is increasingly clear that many national inventories significantly underreport methane emissions levels, particularly those from oil and gas operations

Satellites are boosting transparency and understanding of emissions



Satellite-detected methane leaks from human activities, 2021

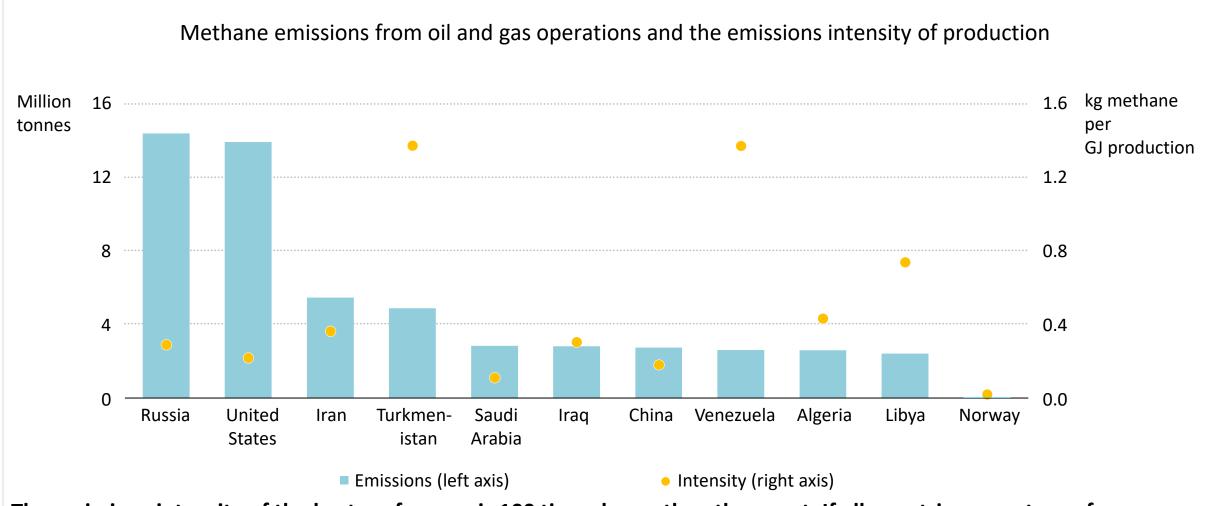


Source: <u>Kayrros</u>, 2022

Very large leaks from oil and gas operations were detected by satellite across 15 countries in 2021. The areas open to observation by satellite are increasing, although the coverage they provide today is still far from complete

The emissions intensity of oil and gas production varies widely



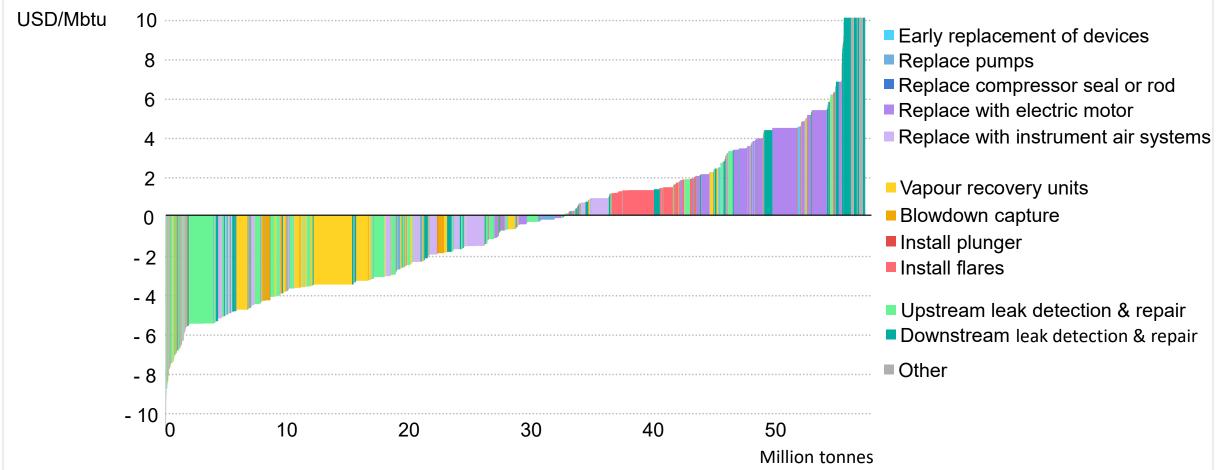


The emissions intensity of the best performers is 100 times lower than the worst. If all countries were to perform as well as Norway, methane emissions from oil and gas operations globally would fall by more than 90%

Today's gas prices make an overwhelming case for action



Methane marginal abatement cost curve for oil and gas emissions, 2021

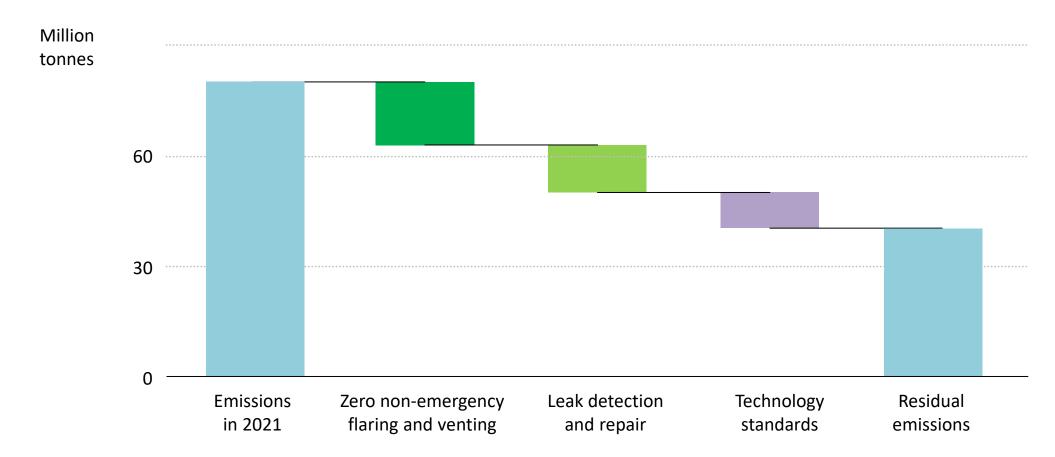


Around over 40% of oil and gas emissions could be reduced at no net cost using well-known existing technologies based on gas prices in recent years. At today's elevated prices, nearly all abatement options are cost effective.

Implementing tried & tested policies would halve oil & gas emissions



Reductions in global methane emissions from oil and gas operations from implementing tried and tested policies

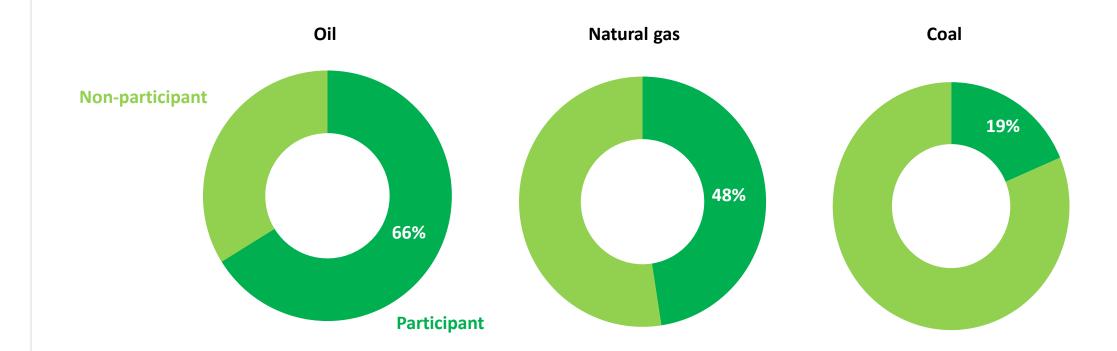


Uncertainty over emissions levels is no reason to delay action to reduce emissions. There are multiple success stories that countries seeking to implement new policies and regulations can look to for inspiration

The Global Methane Pledge could be a vital step forward



Oil, natural gas and coal produced by participants in the Global Methane Pledge



Over 110 countries have committed to reduce methane emissions by 30% by 2030: achieving this would have the same effect as shifting the global transport sector to zero emissions. But broadening the coalition is essential.

Planning for the Global Methane Forum 2022

James Diamond

Plans for 2022

- Tentatively planned for 3-6 October 2022 in Washington, D.C.
- Collaborating with the Climate and Clean Air Coalition (CCAC)
- In-person meeting with hybrid live streaming sessions
- Agenda:
 - High-level plenary sessions
 - Topic-specific plenary sessions on finance and planning policy
 - GMI and CCAC joint technical sessions
 - GMI Steering Committee and Subcommittee meetings
 - Optional site visits to wastewater, landfill, and agriculture facilities

Incorporating Your Ideas into the Global Methane Forum Agenda

- Do you have any suggestions for topics at the Global Methane Forum ? For example:
 - Are there specific emission sources and/or industry segments of interest?
 - Are "renewable natural gas" topics of interest to the Subcommittee?
- What do you need for your policy work?
- Where do you look for your monitoring, reporting, and verification (MRV) references? Are you getting what you need?

Email ideas or speaker suggestions to secretariat@globalmethane.org

Thank You!

Send ideas, questions, or concerns to the GMI Secretariat at secretariat@globalmethane.org.



globalmethane.org

