



GMI Oil & Gas Subcommittee Action Plan 2022-2025

Introduction

The Global Methane Initiative (GMI) is a voluntary, multilateral partnership that aims to reduce global methane emissions and advance the abatement, recovery, and use of methane as a valuable energy source in three key sectors: biogas (agriculture, municipal solid waste, and municipal wastewater), coal mines, and oil and gas systems. GMI achieves its goals by creating an international network of Partner Countries and Project Network members who represent the private sector, development banks, research and academic programs, and non-governmental organizations. Since 2004, GMI support has enabled Partner Countries to launch hundreds of methane recovery and use projects, with approximately 500 million metric tons CO₂ equivalent of associated emission reductions. GMI has provided training to thousands of people and developed numerous technical tools and resources to advance methane mitigation.

Recently, international attention has focused on global methane emissions and mitigation opportunities. The [Global Methane Pledge](#), launched at the Conference of Parties 26 in November 2021, calls on countries to take voluntary actions to contribute to a collective effort to reduce global methane emissions by 30 percent from 2020 levels by 2030. To date, leaders of 111 countries, including more than 30 GMI Partners, have committed to the Pledge. The Pledge's aim of ambitious global methane emission reductions is aligned with GMI's mission and GMI's work to advance global methane emission reductions can leverage this global effort. In this context, some Oil & Gas Subcommittee delegates may be ramping up their efforts to reduce methane and seeking cost-effective mechanisms to do so. Others may be reexamining their Nationally Determined Contributions and reassessing methane reduction as part of these goals.

GMI Oil & Gas Subcommittee Mission

The GMI Oil & Gas Subcommittee works to reduce the impacts of climate change by providing international leadership to mitigate global methane emissions through abatement, recovery, and use of methane from the oil and gas sector. The Subcommittee encourages collaboration among Partner Countries, Subcommittee members, and Project Network members to build capacity, develop strategies and markets, and remove technical and non-technical barriers to methane mitigation action.

To further the GMI Oil & Gas Subcommittee's objectives and make information accessible to its stakeholders, the GMI Secretariat developed a comprehensive Oil & Gas Subcommittee website (<https://globalmethane.org/oil-gas/index.aspx>) with links to key resources, including technical documents, presentations, and tools.

Relationship to Other Initiatives

In recent years, numerous initiatives, partnerships, and efforts focused on methane emissions from the oil & gas sector have emerged, including: the [Oil & Gas Methane Partnership](#), the [International Energy Agency's Methane Tracker](#), the [Oil & Gas Climate Initiative](#), the [United Nations Economic Commission](#)

for [Europe Group of Experts on Gas](#), and the [International Methane Emissions Observatory](#), among others.

Heightened international attention on the need to achieve ambitious global methane emissions reductions provides a critical opportunity for the Oil & Gas Subcommittee to leverage its expertise, tools, and resources to help the global community achieve significant methane emissions reductions in the oil & gas sector.

The Oil & Gas Subcommittee Action Plan

The Oil & Gas Subcommittee agreed in 2018 that its Action Plan should be updated on a 4-year cycle.

Based on priorities identified by the Oil & Gas Subcommittee members, this 2022 Action Plan will guide the work and activities of the Oil & Gas Subcommittee for the next four years (2022-2025). In 2021, Subcommittee delegates identified the following objectives and priorities¹:

- Objectives:
 - Developing methane policies to reduce methane emissions.
 - Sharing experience with policies, strategies, and regulations.
- Priority activities:
 - Identifying best practices for methane emissions reductions and use.
 - Distributing tools, data, and resources about methane mitigation.
 - Building capacity to implement methane policies and projects.

¹ https://www.globalmethane.org/documents/OilGas_SubcommitteeVirtualMeeting_6-24-2021.pdf, slides 25, 26, and 28

Objectives

The 2022-2025 Action Plan aims to accomplish the following objectives, with the ultimate objective of maximizing / advancing global methane mitigation:

1. Serve as a methane knowledge center for the oil & gas sector
2. Facilitate project and policy implementation through capacity building and technical assistance

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

Activities	Approach	Indicators for Evaluation	Responsible Party
1.1 Collaborate with other organizations to host key sectoral events	Work with CCAC, OGMP, IEA, UNECE, and other organizations	Number of events collaborated on	<ul style="list-style-type: none"> • GMI Secretariat • Subcommittee Co-Chairs
1.2 Distribute relevant materials through up-to-date websites, social media, and listservs	<p>Revise, maintain, and regularly evaluate the Subcommittee’s webpage and online resources</p> <p>Distribute quarterly newsletter with events, opportunities, and updates</p> <p>Develop engaging social media content to increase public awareness of the Subcommittee’s activities</p>	<p>Number and quality of resources available on website</p> <p>Web analytics metrics for GMI O&G pages</p> <p>Listserv open rates and clicks</p> <p>Social media engagement metrics</p>	<ul style="list-style-type: none"> • GMI Secretariat
1.3 Convene Subcommittee through webinars, meetings, and other gatherings to facilitate knowledge exchange	<p>Provide opportunities for Subcommittee and Project Network (PN) members to discuss how they’ve overcome key barriers to methane mitigation</p> <p>Take advantage of opportunities that bring GMI Subcommittee and PN members together with project developers, technology providers, and financiers, such as Global Methane Forums and CCAC Annual Meetings</p>	<p>Number of projects planned, developed, executed</p> <p>Number of webinars and meetings and attendance for each, as well as any feedback received</p>	<ul style="list-style-type: none"> • Co-Chairs and GMI Secretariat

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

Activities	Approach	Indicators for Evaluation	Responsible Party
2.1 Assist Partner countries in developing, updating, and implementing country-specific planning to advance national and global methane reduction goals	Provide / update tools and guidance that help Partner Countries identify national level actions, supportive policies, and priority project opportunities Ask members to provide updates on their methane management activities and plans at least once each calendar year	New and updated Action Plans submitted to the Secretariat for posting on the Subcommittee webpage Number of Partner countries engaged with	<ul style="list-style-type: none"> • GMI Secretariat (can provide template / guidance) • O&G Subcommittee members can serve as mentors
2.2 Identify policy and regulatory options / templates and provide trainings	For individual countries / Subcommittee members that may be interested in regulatory or policy approaches, identify and assist in developing potential applicability Provide trainings on policy and regulatory approaches / roadmaps / templates / model rules	Policy / regulatory templates / roadmaps / trainings	<ul style="list-style-type: none"> • Subcommittee members
2.3 Provide technical assistance to identify methane mitigation projects	Identify specific opportunities for technical assistance	Project implementation enhanced by GMI participation in Partner Countries or through Project Network members	<ul style="list-style-type: none"> • Project Network members • Technical experts • Subcommittee members
2.4 Provide technical assistance to increase rigor of national greenhouse gas emissions inventories	Determine which countries need assistance refining national methane inventories and offer to connect them with resources or assistance	Refined national methane inventories (higher Tier, including more specific reference to methane mitigation measures)	<ul style="list-style-type: none"> • Technical experts • Subcommittee members
2.5 Conduct site tours for government and industry stakeholders	Identify successful projects to highlight in various regions and Partner Countries Incorporate oil & gas sector site tours into in-person meetings, if possible	Participation in site tours	<ul style="list-style-type: none"> • Subcommittee members • Project Network members

Appendix. Summary of Achievements Under the 2018 Action Plan

Actions taken and outcomes achieved under the objectives outlined in the 2018 Action Plan include:

- Provided tools and technical expertise to enhance Partner Country methane emission reduction efforts. For example:
 - Provided technical expertise on best practices and tools necessary for collecting methane emissions data in Colombia and Indonesia.
 - Provided technical assistance to review and make recommendations for Ecopetrol's Climate & Clean Air Coalition's Oil and Gas Methane Partnership (CCAC OGMP) implementation plan.
 - Provided training to PEMEX to conduct emission surveys and mitigate methane emissions.
 - Provided expert review to improve, expand, and enhance the formal leak detection and repair (LDAR) management program in Ukraine.
- Developed a list of key barriers to methane mitigation using literature reviews and Subcommittee feedback and began creating resources to help partners address these barriers.
- Collaborated with strategic partners to develop reports on best practices for methane mitigation in the oil & gas sector such as “[Identifying and Evaluating Opportunities for Greenhouse Gas Mitigation & Operational Efficiency Improvement at Oil and Gas Facilities](#)” and “[Best Practice Guidance for Effective Methane Management in the Oil and Gas Sector: Monitoring, Reporting and Verification \(MRV\) and Mitigation](#)”.
- Hosted and supported numerous technical trainings, webinars, and workshops. For instance:
 - [GMI Oil & Gas Subcommittee Webinar: Improved Collection and Verification of Methane Emissions Data for Effective Mitigation](#)
 - [GMI Oil & Gas Subcommittee Webinar: Accelerating Methane Mitigation Through Markets](#)
 - [Oil & Gas Subcommittee Webinar: Methane Emissions Mitigation – Technology and Innovation](#)
 - [Oil & Gas Subcommittee Webinar: Seeing Methane, the Invisible Problem ... Who is Using Which Number?](#)
- Connected partners with [methane mitigation tools and resources](#) through GMI’s website and listserv.