

GMI Steering Committee Meeting

9 February 2022
Virtual Meeting



WELCOME

Opening of Meeting

Laura Farquharson

GMI Acting Steering Committee Chair

Brief Introductions – Tour de Table

All

Introductions Etiquette

- Let's meet each other – we invite you to turn your camera on!
- Partner Country introductions
 - We will call on each country in alphabetical order
 - Each country representative is invited to introduce themselves -- name and affiliation
 - Each country has 1-2 minutes for introductions



Meeting Objectives

- Come together as new Steering Committee members and leadership team
- Discuss how the GMI will move forward to achieve its goals and mandate

All participants are encouraged to actively engage in group discussions to be facilitated during this meeting.

Adoption of the Agenda

- Meeting Objectives;
Adoption of the Agenda (5 min)
 - Laura Farquharson, Director-General of Legislative and Regulatory Affairs, Environment and Climate Change Canada; GMI Acting Steering Committee Chair
- Update on GMI Activities and Subcommittee Updates (25 min)
 - Monica Shimamura, Director, GMI Secretariat
 - James Diamond, Oil & Gas Subcommittee Co-Chair
 - Shengchu Huang, Coal Mines Subcommittee Co-Chair
 - Matt Hamilton, Biogas Subcommittee Co-Chair
- Discussions (55 min)
- Adjourn

Discussions:

How can GMI support Partners in achieving ambitious global methane emission reduction goals, such as the Global Methane Pledge? (20 min)

- Tomás Carbonell, Deputy Assistant Administrator for Stationary Sources, EPA Office of Air and Radiation; GMI Steering Committee Vice Chair

What should GMI aim to achieve within the next 1 to 5 years? (25 min)

- Laura Farquharson

Plans for the Global Methane Forum 2022 (10 min)

- Vinod Tiwari, Additional Secretary, Ministry of Coal, Government of India; GMI Steering Committee Vice Chair



Update on GMI Activities

Monica Shimamura, Secretariat Director

Steering Committee and GMI Partner Countries

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

Steering Committee Members

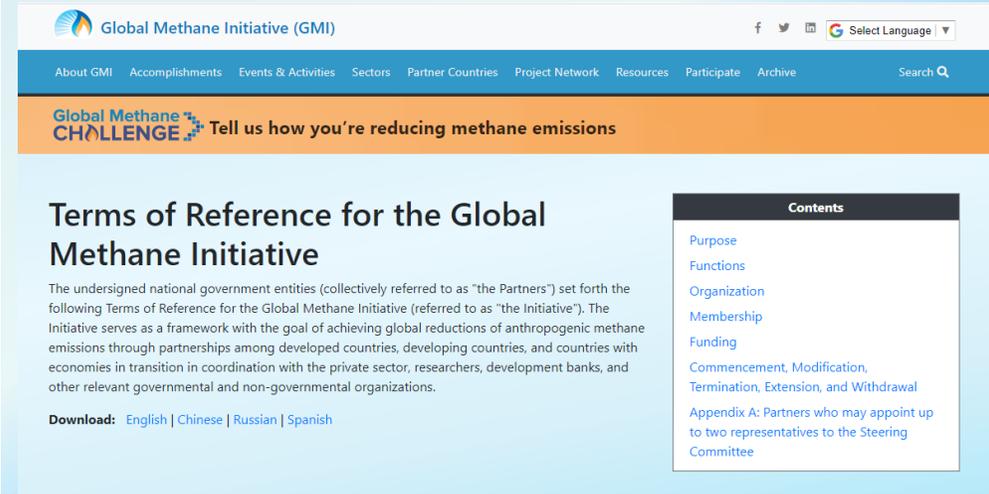
-  China
-  Colombia
-  Ecuador
-  Finland
-  Ghana
-  Indonesia **NEW**
-  Nigeria
-  Saudi Arabia **NEW**
-  Serbia **NEW**
-  Turkey **NEW**

Other GMI Partner Countries

-  Albania
-  Argentina
-  Australia
-  Brazil
-  Bulgaria
-  Chile
-  Cote d'Ivoire
-  Denmark
-  Dominican Republic
-  Ethiopia
-  European Commission
-  Georgia
-  Germany
-  Israel
-  Italy
-  Japan
-  Jordan
-  Kazakhstan
-  Mexico
-  Mongolia
-  Nicaragua
-  Norway
-  Pakistan
-  Peru
-  Philippines
-  Poland
-  Republic of Korea
-  Russia
-  Sri Lanka
-  Thailand
-  Ukraine
-  United Kingdom
-  Vietnam

Recent Accomplishments

- 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 in June 2021
- Hosted successful June 3 Call to Action on Methane
 - Influential global leaders on methane
 - More than 360 attendees, materials available online
- Developed new Steering Leadership model
 - Convened a virtual “meet and greet” in December 2021



GMI “By the Numbers” for FY 2021

In FY 2021:

11

countries

supported activities where more than

1,100

people

received a total of approximately

1,000

hours

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



Capacity Building/Information Sharing fostering best practices

3

Workshops/Trainings

European Commission, United States, Partnership-wide

9

Manuals/Websites/Other Outreach

All Partners



Assessments

identifying opportunities for emission reductions

6

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

18

Webinars, Informational Meetings, and Presentations

Colombia, Indonesia, Poland, Serbia, Ukraine, United States, Partnership-wide

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

Highlights

Steering

Virtual Meetings

- 2 Steering Committee Meetings
- 1 Steering Leadership Meeting
- 4 Biogas Subcommittee Meetings
- 1 Coal Subcommittee Meeting
- 2 Oil & Gas Subcommittee Meetings

Global Methane Emissions and Projections Dashboard

Oil & Gas

Technical Webinar Series on Methane Emissions Mitigation

Improved Collection and Verification of Methane Emissions Data

Accelerating Methane Mitigation Through Markets

Technology and Innovation

Coal Mines

Conducting Pre-Feasibility Studies for Coal Mine Methane Projects

Online Training in English and Chinese

开展煤矿甲烷项目预可行性



Biogas

Policy Maker's Handbook for MRV in the Biogas Sector

OrganEcs Compost Version 3.1
AD Version 3.1

AD Screening Tool
Version 2.1



Subcommittee Updates



Oil & Gas
Systems



Coal Mines



Biogas
(Agriculture, Municipal
Solid Waste, Municipal
Wastewater)

Oil & Gas Subcommittee Plans for 2022

Subcommittee Co-Chair
James Diamond, Canada



2022 Upcoming Activities

- Finalize Subcommittee Action Plan for 2022-2025
- Hold Subcommittee Meeting on 23 March 2022
 - In conjunction with the UNECE Ninth Session of the Group of Experts on Gas
- Finalize training resources on Leak Detection and Repair (LDAR) Programs
- Formalize participation of interested Project Network members

Oil & Gas Subcommittee Questions for the Steering Committee

Steering Committee could support O&G Subcommittee by:

- Defining what ‘success’ looks like for GMI and how each Subcommittee will contribute
 - The field of methane initiatives and programs relevant to the oil and gas sector (e.g., Global Methane Pledge, OGMP, IMEO, OGCI, etc.) continues to grow; how does the GMI Oil & Gas Subcommittee fit into these?
- Clarifying expectations about the relationship between, and objectives across, Steering Committee and Subcommittees
- Clarifying expectations for Partner Country participation in Subcommittee events and activities

Coal Mines Subcommittee Plans for 2022

Subcommittee Co-Chairs

Manoj Kumar, India

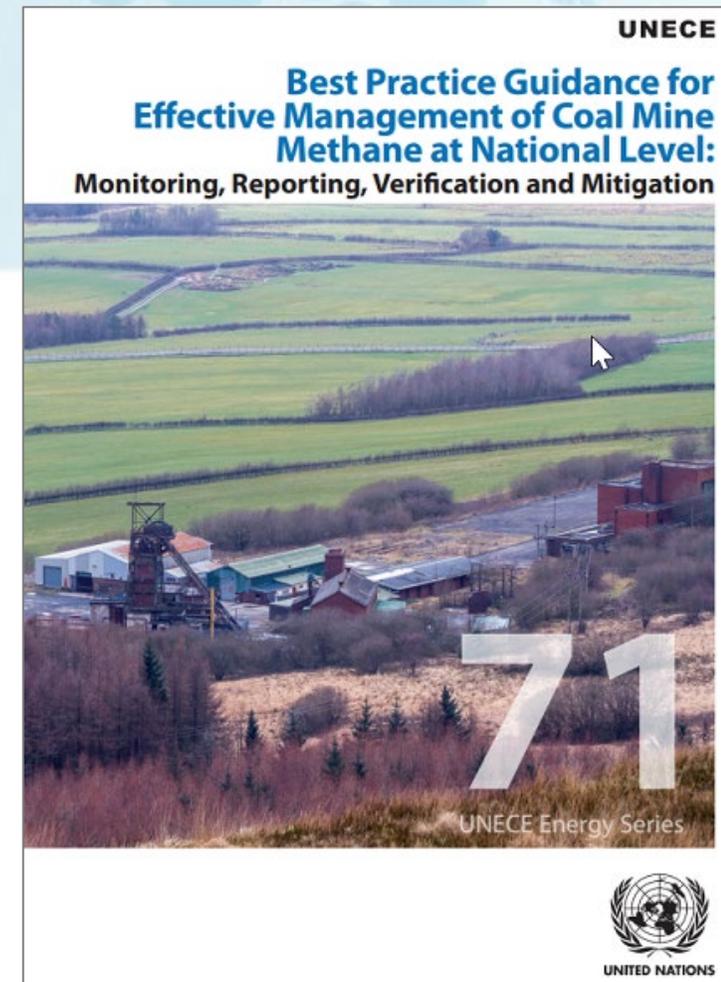
Shengchu Huang, China

Volha Roshchanka, United States



Update on New Training Resources

- Prepared new report for UNECE: [Best Practice Guidance for Effective Management of Coal Mine Methane at National Level: Monitoring, Reporting, Verification and Mitigation](#).
- **Basics of Coal Mine Methane (CMM):** The course is undergoing final review by the Subcommittee and is expected to be published in late February 2022.
- [Conducting Pre-Feasibility Studies for CMM Projects](#): This eight-module course is now available. Six of the modules have been [translated into Chinese](#).
- **Conducting Pre-Feasibility Studies for Abandoned Mine Methane (AMM) Projects:** This first few course modules are expected to be published in late February 2022.



2022 Upcoming Activities for the Coal Mines Subcommittee

- Holding its 31st [Subcommittee Meeting](#) virtually on 23 March 2022.
- Planning to conduct a series of webinars to promote new resources:
 - New training courses on project evaluation for CMM and AMM utilization
 - CMM Basics training course
 - Best Practices Guidance on monitoring, reporting and verification
- Continuing to make efforts to expand membership and to identify sector-specific, regional, and informal organizations with whom to partner.
- Initiating the process of updating the Subcommittee Action Plan.
 - Plan to conduct outreach and engage with Subcommittee delegates and other stakeholders to obtain input on the updated plan.
- In India, a 25 km² area in the Jharia Coalfields in the state of Jharkhand has been identified for extraction of coalbed methane (CBM) prior to coal mining, and work has already started.
- Several new CMM-fueled power plants are under construction in the Shanxi, Shaanxi, and Guizhou provinces in China.

Coal Mines Subcommittee Questions for the Steering Committee

- What does the Steering Committee envision as the primary goals and priorities for the Coal Mines Subcommittee over the next five years?
- How can the Steering Committee help promote and disseminate the resources and training materials that are developed by the Coal Mines Subcommittee?

Biogas Subcommittee Plans for 2022

Subcommittee Co-Chairs

Nick Elger, United States

Matt Hamilton, Canada

Jorge Hilbert, Argentina



Past/Upcoming Activities

■ Key Accomplishments from 2021

1. **Spring Subcommittee Meeting** (March, Delegates only)
2. **Feedback Survey** (June, October, Delegates only)
3. **Delegate Workshops; Day 1 and Day 2** (November, Delegates only)
4. **Annual Subcommittee Meeting** (December, Open to all)

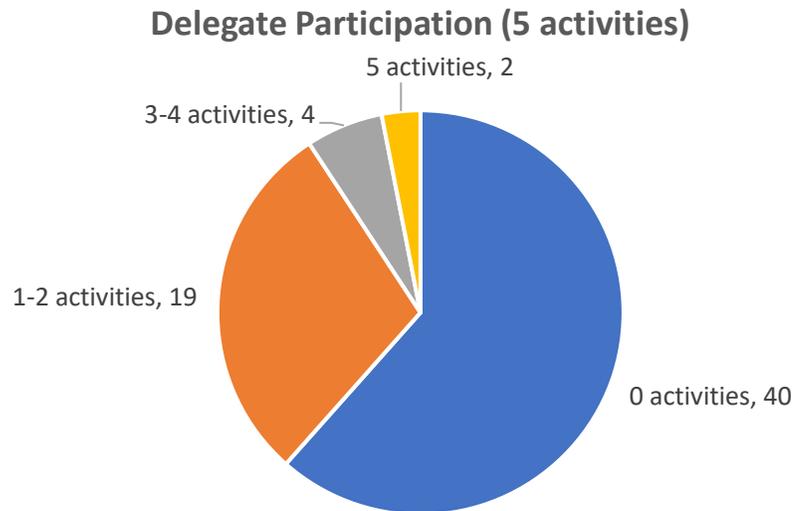
Objective of activities: Gather information on Partner Country activities and perspectives with respect to biogas and methane mitigation to guide the development of the Subcommittee's priorities, ensuring it reflects Partner Country needs and collective interests. Explore opportunities for collaboration with key Global Methane Pledge implementers (e.g., CCAC, WRI, World Biogas Association)

■ Goals for 2022

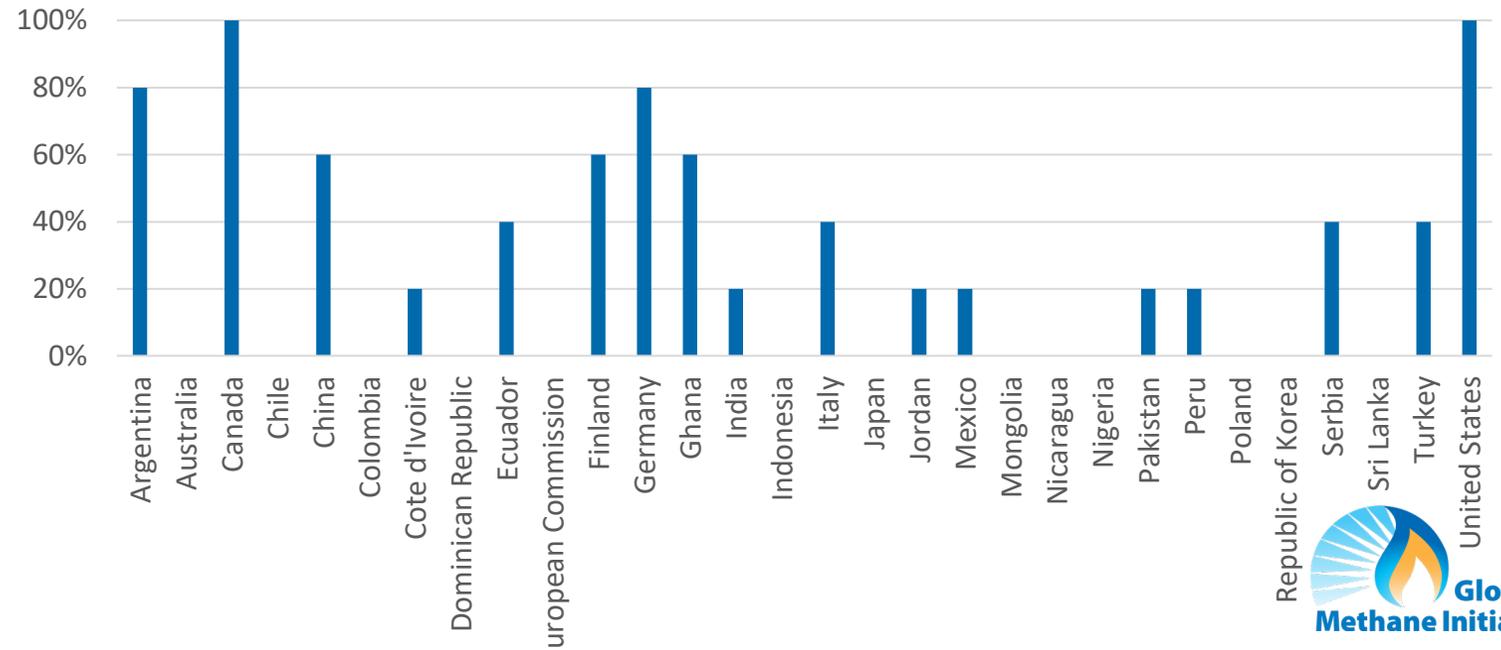
1. Increase delegate engagement
 - More countries; knowledgeable, influential participants
2. Support countries in achieving methane mitigation goals in agriculture, municipal waste, and wastewater
3. Explore opportunities for collaboration with key partners (CCAC, WBA)
4. Identify new Co-Chair

Delegate Engagement in Biogas Subcommittee

- Historically, 30 countries have engaged with Biogas Subcommittee
- 17 Partner Countries participated in at least one activity in 2021
- 10 Partner Countries engaged in more than one activity in 2021
 - Argentina, Canada (3), China, Ecuador, Finland, Germany (2), Ghana, Serbia, Turkey, USA (2)



Country Representation Rate in 2021 (5 Activities)



Seeking the Steering Committee's support for the following recommendations

1. **GMI should undertake a focused, concerted effort to recruit and sustain participation of country delegates**
 - Greater participation will increase the odds that GMI's work supports the needs of member countries
 - Current delegate lists are outdated; participation in Subcommittee business is low
 - Need to reignite enthusiasm and commitment with a "compelling offer"
 - Get the right people at the right levels participating
 - Establish terms of reference with clear roles and expectations for delegates
 - Renew / fill empty co-chair roles
 - Consider changing / increasing the role of the private sector
 - Consider aligning / collaborating with CCAC and other partners

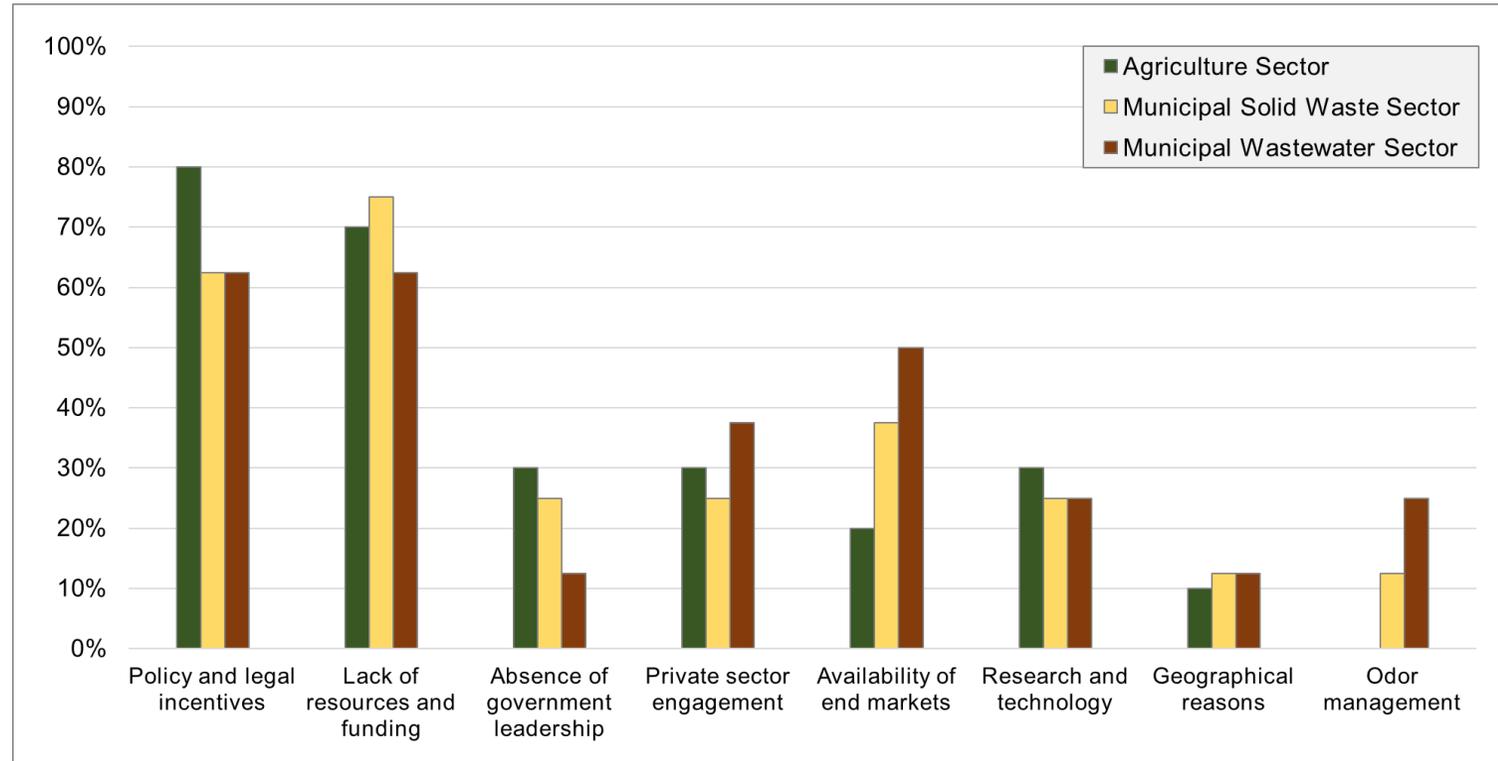
2. **GMI should host a major Methane Policy Forum in 2022**
 - Public policy is key to achieving the Global Methane Pledge, and participating countries need to move quickly to reach the 2030 objective
 - Host a forum and workshops to bring together GMI and non-GMI countries to share experience on the array of public policy options to address methane
 - Aim to accelerate understanding and adoption
 - Create an agenda that attracts high-level participants and decision-makers
 - Let participating countries design the event to ensure it addresses their needs
 - Could it be held in the margins of the next COP?
 - Could GMI member countries issue a collective statement to close out the event?

APPENDIX

Results from Biogas Subcommittee Feedback Survey

- Response Rate: 27%
 - 8 out of 30 countries
 - National government: 5
 - Regional/local government: 1
 - NGO: 1
 - State-owned enterprise: 1
- Main Hurdles:
 - Out-of-date delegate list
 - Delegates roles are not always related to policy-making

Most respondents highlighted the lack of policy in their country and the **need to invite more policy makers to participate with the Subcommittee**





GMI Support for Ambitious Global Methane Actions

Tomás Carbonell
GMI Steering Committee Vice Chair

GMI Support for Ambitious Global Methane Action

Are there specific types of support that GMI Partners would find helpful in achieving their individual national methane mitigation goals?

- Assistance in developing national methane action plans or sector-specific plans?
- Assistance in developing regulatory or policy frameworks?

GMI Support for Ambitious Global Methane Action (Continued)

How can the Steering Committee leverage the enhanced international attention on methane to increase action by GMI Partner Countries and the Project Network?



GMI Support for Ambitious Global Methane Action (Continued)

What concrete next steps could the Steering Committee take to support and advance global ambition on methane through GMI Partners and our Strategic Partners?

- e.g., Climate and Clean Air Coalition (CCAC), the United Nations Economic Commission for Europe (UNECE), the International Energy Agency (IEA), or others?





Global Methane Initiative

Strategic Planning

Laura Farquharson

GMI Temporary Steering Committee Chair

GMI Priorities

- 1. Collaborate and align with key Strategic Partners to foster high-profile opportunities**
- 2. Continue to engage with the private sector**
- 3. Position GMI as a “methane resource center”**

Discussion Questions:

- Given recent developments, including the launching of the Global Methane Pledge, does the Steering Committee agree that these items remain top priorities for the GMI?
- How can the Steering Committee assist in addressing the needs and challenges faced by the Subcommittees?

Priority 1:

Collaborate and align with key Strategic Partners to foster high-profile opportunities

Discussion Questions

- Should the Steering Committee consider conducting any other activities under this strategic priority in the near term?
- Which of these items could you, as a Steering Committee member and/or Partner Country, actively contribute towards?

| Potential Activities | GMI Entity Involved in Implementation |
|---|---|
| Continue to collaborate with CCAC, including the Global Methane Forum event in 2022 and beyond to advance information sharing on methane mitigation at national, regional, and sectoral levels. | Secretariat |
| Create a joint working plan with CCAC to best leverage each organization's expertise and resources to avoid duplication. | Secretariat |
| Strengthen cooperation with the World Bank, the International Energy Agency (IEA), and the Arctic Council to minimize duplication. | Leadership, Steering Committee members, Secretariat |
| Explore further opportunities to collaborate with sector-specific environmental groups | Subcommittees |

Priority 2:

Continue to engage with the private sector

Discussion Questions

- Should the Steering Committee consider conducting any other activities under this strategic priority in the near term?
- Which of these items could you, as a Steering Committee member and/or Partner Country, actively contribute towards?

| Potential Activities | GMI Entity Involved in Implementation |
|---|--|
| Provide guidance to the Global Methane Pledge Secretariat, as appropriate, including potentially advising on impactful ways to invest in methane mitigation efforts globally. | Leadership, Steering Committee members, Subcommittees, Secretariat |
| Engage Project Network members to participate as delegates on Subcommittees. | Subcommittees |
| GMI acts as a matchmaking organization between solution providers and those looking for mitigation solutions. | Steering Committee, Subcommittees |
| Determine GMI's value-added for the private sector and communicate this to potential Project Network members to bolster active participation. | Leadership, Steering Committee members, Subcommittees, Secretariat |

Priority 3:

Position GMI as a “methane resource center”

Discussion Questions

- Should the Steering Committee consider conducting any other activities under this strategic priority in the near term?
- Which of these items could you, as a Steering Committee member and/or Partner Country, actively contribute towards?

| Potential Activities | GMI Entity Involved in Implementation |
|---|--|
| <p>Capacity building:</p> <ul style="list-style-type: none">• Help countries to identify, implement, and promote national and subnational mitigation policies and programs to achieve methane emission reductions.• Collaborate with Strategic Partners to assist in identifying financing opportunities.• Work with financial institutions to lower the risk on methane finance. | Leadership, Steering Committee members, Subcommittees, Secretariat |
| <p>Direct technical assistance:</p> <ul style="list-style-type: none">• Connect Partners who can directly engage and provide assistance and training to develop and implement methane mitigation policies and address barriers to mitigation projects. | Subcommittees |
| <p>Disseminating knowledge:</p> <ul style="list-style-type: none">• Promote best practices and information on managing methane among the biogas and fossil fuel industries.• Facilitate peer exchange on methane recovery and utilization technologies, policy frameworks, investment financing mechanisms, and best practices. | Steering Committee members, Subcommittees, Secretariat |

Proposed Engagement Strategy

- The Secretariat proposes that the Steering Committee consider developing an engagement strategy that will guide participation both internally within the GMI and externally with Strategic Partners and other stakeholders.
- This proposed engagement strategy would be developed for GMI as a whole and for each of the Subcommittees to strengthen how GMI positions itself.
- Actions under an engagement strategy could include:
 - Evaluating where **GMI's technical strengths and expertise** can add value to in addressing barriers to methane mitigation.
 - Identifying and consistently promoting **key messages** about GMI (who we are, why we matter, and how we are different than other organizations).
 - **Strengthening the flow of information and cross-sector collaboration** among the Subcommittees and the Steering Committee.
- For Discussion:
 - Would the Steering Committee find value in an engagement strategy? Are there other considerations to be taken in the development of such a strategy?

The logo for the Global Methane Forum 2022 is a rounded rectangle with a vertical gradient from light blue at the top to orange at the bottom. The text "GLOBAL METHANE FORUM 2022" is centered in white, bold, sans-serif font. The year "2022" is significantly larger than the other words. In the top right corner of the slide, there is a faint, light blue molecular structure graphic.

**GLOBAL
METHANE
FORUM
2022**

Global Methane Forum 2022

Vinod Tiwari

GMI Steering Committee Vice Chair

Previous GMI Forums and Expos



High-profile events that bring together policy-makers, industry leaders, technical experts and researchers from around the world

Plans for 2022

- Tentatively planned for 3-6 October 2022 in Washington, DC
- Collaborating with Climate and Clean Air Coalition (CCAC)
- In-person meeting with hybrid live streaming sessions
- Agenda:
 - High-level plenary session
 - 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 Agenda!

- Goals
 - Bringing partners together to achieve goals
 - Incorporating networking into the agenda
 - Determining how to measure success
- Topics & Speakers
- Interested in participating in a task force to plan the event?





Wrap Up and Next Steps

Next Steps

- Overview of key decisions and any remaining questions
- Secretariat actions:
 - Prepare meeting summary and list of action items
 - Post presentation on GMI webpage
 - Develop a work plan of short- and near-term actions
- Develop an engagement strategy for GMI
- Set a date and prepare for Steering Committee meeting in May/June
- Collaborate with CCAC and prepare for Global Methane Forum in 2022

Looking Forward in 2022

| | |
|-------------|---------------------------------|
| 23 March | Oil & Gas Subcommittee Meeting |
| 23 March | Coal Mines Subcommittee Meeting |
| May/June | Steering Committee Meeting |
| 3-6 October | Global Methane Forum |

Closing Remarks



THANK YOU
for your participation

Adjournment

