

Oil & Gas Subcommittee
12 June 2017
Calgary, Alberta, Canada

MEETING MINUTES

The Global Methane Initiative (GMI) Oil & Gas Subcommittee Meeting was held on 12 June 2017 in Calgary, Alberta, Canada. Participants represented governmental, private sector, and non-governmental organizations from nine countries, including GMI Partner Country delegates from Canada, Colombia, Ghana, Mexico, Saudi Arabia, Turkey, and the United States (see Annex I). Subcommittee and Project Network members actively contributed and presented on a variety of topics. Their presentations are currently available on the [GMI website](#).

Opening Remarks and Introduction

GMI Partner Country delegates, Project Network members, and Administrative Support Group (ASG) staff were in attendance. A list of attendees is included as Annex I to these minutes. Ms. Monica Shimamura, Director of GMI's ASG, Ms. Paulina Serrano, Co-Chair from Mexico, and Ms. Stephanie Janetos, Co-Chair from Canada, presided over the meeting. Ms. Serrano provided welcoming remarks and led the introductions of meeting attendees. A copy of the final agenda, which was approved by the subcommittee, is included as Annex II to these minutes.

ASG Update

Ms. Shimamura expressed her gratitude to the Canadian government for hosting the meeting, and provided an overview of GMI and an update on Steering Committee activities. More details on GMI and the Steering Committee are available on the [GMI website](#).

Partner Organization Presentations

The subcommittee heard two partner organization presentations:

- Mr. Steven Hamburg, Environmental Defense Fund (EDF), presented on lessons learned from emissions studies and their synthesis of collected information.
- Mr. Phillip Swanson, Climate and Clean Air Coalition (CCAC), presented on CCAC's oil and gas sector efforts. Specifically, he presented on CCAC's launch of the Oil & Gas Methane Partnership and their studies that build upon the EDF emissions studies.

Partner Country Updates

Partner Country delegates were asked to provide the subcommittee with updates on recent and future activities. Delegates from Canada, Colombia, Ghana, Mexico, Saudi Arabia, Turkey, and the United States delivered updates.

Subcommittee and Project Network Member Updates

Subcommittee and Project Network members were asked to provide updates on their progress to reduce methane emissions. The subcommittee heard two national updates:

- Mr. Mark Summers, Emissions Reductions Alberta (ERA), presented on their efforts to identify and accelerate innovative solutions that transition Alberta to a lower carbon economy.
- Ms. Martha Herrera, Ecopetrol, presented on their activities to reduce methane emissions.

GMI Collaboration Discussion

Mr. Daniel Hooper presented and led a discussion on GMI alliances with CCAC and the United Nations Economic Commission for Europe (UNECE). These organizations all share a common goal of minimizing methane emissions from the oil and/or natural gas sector via collaboration with governments, industry, and other key stakeholders. In particular, Mr. Hooper discussed the joint effort between the US EPA (through GMI) and the UNECE to develop Best Management Practices for methane management in the (1) upstream oil and gas and (2) downstream gas industries.

Action Plan Discussion

Ms. Janetos led a discussion on updating the Oil & Gas Subcommittee Action Plan to better align with Partner Country and company needs. The discussion addressed various topics, including:

- Focus and objectives of the Oil & Gas Subcommittee moving forward;
- Future work of the subcommittee (e.g., seminars, projects and deliverables);
- Importance of collaboration and leveraging work under other initiatives (e.g., case studies and best management practices being developed under CCAC's Oil & Gas Methane Partnership); and,
- Location of future subcommittee meetings (e.g., co-locating future meetings with other events such as the UNECE Group of Experts on Gas meetings in Geneva).

As agreed upon at the meeting, the ASG and subcommittee Co-Chairs will revise the Action Plan based on this discussion and the feedback received. The revised Action Plan will then be distributed via email to subcommittee members for review and comment. The final Action Plan will be reviewed and presented for adoption at the next in-person meeting.

Adjournment

Ms. Janetos provided closing comments, thanked participants for their active engagement and wished everyone safe travels.

The meeting was adjourned.

ANNEX I

Meeting Participants

Adel Saeed S Alghamdi - Saudi Aramco
Hamoud Alotaibi - Ministry of Energy, Industry and Mineral Resources
Joshua Anhalt - GreenPath Energy Ltd.
Allison Berkowitz - ERG
Mathilde Brodeur - Environment and Climate Change Canada
James Diamond - Environment and Climate Change Canada
John Drinkwater – BP
Stephane Germain - GHGSat Inc.
Martha Herrera - Ecopetrol
Daniel Hooper – U.S. Environmental Protection Agency
Doug Hunter - Gas Recon Inc.
Stephanie Janetos (Co-Chair) - Environment and Climate Change Canada
Audrey Mascarenhas - Questor Technology Inc
Alison Miller - Imperial Oil Limited
Rosanna Ng - Repsol Oil & Gas Canada Inc.
Emre Özgür – Turkey Ministry of Energy
David Picard - Clearstone Engineering Ltd
Eduardo Sanchez-Sierra – Ministry of Mines and Energy
Monica Shimamura - Global Methane Initiative
Sherry Sian - Canadian Association of Petroleum Producers
Paulina Serrano (Co-Chair) – Petróleos Mexicanos, Mexico
Greg Unrau - Repsol Oil and Gas Canada
Steven Hamburg – Environmental Defense Fund
Mark Summers – Emissions Reduction Alberta
Phillip Swanson – Climate & Clean Air Coalition
Nate Wilcox - Opgal
Joseph Essando-Yeddu – Energy Commission

ANNEX II



Oil & Gas Subcommittee Meeting
Calgary, Canada
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Final Agenda

0900-0930	<p>Introduction and Welcome to the GMI Oil & Gas Subcommittee Meeting</p> <p>Co-Chairs Stephanie Janetos (Canada) and Paulina Serrano (Mexico)</p> <p>Monica Shimamura, Director – Global Methane Initiative (GMI) Administrative Support Group (ASG)</p>
0930-1030	<p>Updates by partner organizations on their international oil and gas mitigation programs and studies</p> <p>Partner organizations will present on objectives and their key findings/activities since the last GMI Oil & Gas Subcommittee meeting.</p> <p>Environmental Defense Fund – Steve Hamburg (Oil and gas methane studies)</p> <p>Climate and Clean Air Coalition – Phil Swanson (Oil & Gas Methane Partnership)</p>
1030-1100	<p>Break</p>
1100-1230	<p>National advances in methane mitigation</p> <p>GMI Partner Countries will present updates on their methane mitigation efforts in the oil & gas sector, including regulations, voluntary efforts and technology transfer</p> <p>Canada – James Diamond, Environment and Climate Change, Upstream Oil & Gas</p> <p>Colombia – Eduardo Sanchez-Sierra, Colombia Ministry of Mines and Energy, Environmental and Social Issues</p> <p>Ghana – Joseph Essando-Yeddu, Energy Commission, Planning and Policy</p> <p>Mexico – Paulina Serrano, Petróleos Mexicanos, Management of Environmental Protection, Energy and Sustainability</p> <p>Turkey – Emre Özgür, Ministry of Energy and Natural Resources, Petroleum Affairs</p> <p>Saudi Arabia – Adel S. Al-Ghamdi, Saudi Aramco, Engineering</p> <p>United States – Daniel Hooper, Environmental Protection Agency</p>

1230-1330	Lunch break
1330-1430	<p>Updates on progress to reduce methane emissions from the oil & gas sector</p> <p>GMI Oil & Gas Subcommittee members and Project Network members, that choose to do so, may briefly update the group on their national activities to advance methane emissions reductions.</p> <p>Emissions Reductions Alberta – Mark Summers</p> <p>Ecopetrol - Martha Herrera</p>
1430-1500	<p>Path forward for GMI Oil & Gas Subcommittee – collaboration</p> <p>Opportunities for expanded international collaboration to reduce global methane emissions and reaffirm our mission and focus. As re-chartered in 2016, GMI has formally and strategically aligned its activities with the CCAC and the United Nations Economic Commission for Europe.</p> <p>United States – Daniel Hooper, Environmental Protection Agency</p>
1500-1530	Break
1530-1700	<p>Aligning the strategic plan of the GMI Oil & Gas Subcommittee with Partner Country and company needs.</p> <p>Identifying the key needs of Partner Countries and companies to reduce methane emissions from oil and gas. The GMI Oil & Gas Subcommittee members will then discuss how to align the GMI Oil & Gas Subcommittee Action Plan with these needs (through 2021).</p>
1700-1730	Wrap Up, Review Action Items, and Adjourn