

# ASG Updates

## 2019 Global Methane Challenge

### 25 – 26 March 2019

Monica Shimamura,  
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Global Methane Initiative



# Administrative Support Group Updates

- New Co-Chair of the GMI Steering Committee



**Ms. Helen Ryan**

Associate Assistant Deputy Minister  
of the Environmental Protection Branch,  
Environment and Climate Change Canada  
(ECCC)

- Upcoming GMI Capstone Event
  - Planning on the way
  - First quarter of 2020
  - Request your input and participation

# Administrative Support Group Updates

Enhancement of GMI communications:



- ✓ Launch of new social media campaign to promote the Global Methane Challenge – Twitter, YouTube, Facebook, and LinkedIn
- ✓ Improved GMI Mailing List

- ✓ GMI website redesigned for new and experienced users

# Update – UNECE/GMI collaboration



- Under the auspices of the GMI, US EPA funded UNECE to draft a document presenting Best Practice Guidance for Methane Management in the Oil and Gas Sector
- The objectives of the project are to:
  1. increase capacity of countries and companies
  2. measure, report, and verify (MRV) methane emissions and emission reductions along the oil and gas value chain
- Please submit comments by 31 May 2019 to **[Michal.Drabik@un.org](mailto:Michal.Drabik@un.org)**

# Announcing the 2019 Global Methane Challenge

Global Methane  
CHALLENGE 

It's time to take action!

# What will the Challenge do?

- Raise awareness about methane emissions and encourage reductions around the world
- Yield significant short-term impacts, as methane is a short-lived climate pollutant
- Provide economic benefits, such as increases to operational efficiency, reduction in air pollution, local air quality improvement, and advances industrial safety
- Promote cost-effective technologies to capture and use methane

# Challenge Overview

- **Who:** The Challenge is open to all public- and private-sector actors interested in showcasing their actions to reduce methane emissions
- **What:** An opportunity to promote your policies and technologies
- **Goal:** Take more ambitious action to reduce methane emissions and showcase policies and technologies being used to reduce methane emissions around the world
- **When:** 2019 calendar year



Show the world what you are doing to reduce methane emissions.

# Why Participate in the Challenge?

- Each Challenge participant will be publicly recognized for actions to reduce methane emissions
  - Opportunity to highlight new and ongoing efforts
  - “Challenge” website and GMI social media will showcase actions
  - GMI, CCAC and UNECE events will provide forum for sharing actions
- Collectively, we can make an impact by raising awareness and catalyzing broader action
- Challenge participants and actions will be celebrated at a 2020 capstone event



**Showcase your efforts to reduce methane.**



# Examples of CROSS-CUTTING actions

## Ideas for participating in the Global Methane Challenge



Monitor methane emissions and create an emissions inventory



Develop an action plan for reducing emissions in one or more sectors



Provide technical or financial support to a methane mitigation project



Educate the public about methane emissions and abatement opportunities



Showcase a methane mitigation project or technology

# Examples of SECTOR-SPECIFIC actions



## Oil & Gas Sector

- Install vapor recovery units
- Direct use of methane
- Reinjection of methane
- Plunger lift system
- Install leak detection technology and repair programs (LDAR)
- Install green completions at gas production wells



## All Sectors

- Monitor methane emissions and create an emissions inventory
- Provide technical or financial support to a methane mitigation project
- Develop or promote implementation of sector-specific best practices

# Visit [globalmethane.org/challenge](http://globalmethane.org/challenge)

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## Global Methane CHALLENGE

It's time to take action! Join the Global Methane Challenge and showcase your work to reduce methane emissions.

The Global Methane Challenge is open to all public and private-sector actors  interested in showcasing their actions to reduce methane emissions. The goal of the challenge is to catalyze ambitious action to reduce methane emissions and showcase policies and technologies being used to reduce methane emissions around the world. Learn more about the [Global Methane Initiative \(GMI\)](#).

# Click on the pins to learn about Challenge actions

THE CHALLENGE

ACTION MAP

STORIES

TELL YOUR STORY

## ↩ Action Map ↪

Click on the map to learn more about how actors around the world are participating in the Global Methane Challenge.





# GMI Partner Country story



## Canada - Global Methane Challenge

O&G Methane Regulations

Organics

Landfill Feasibility

International

Flarenet Strategic Network

Growing Forward 2

Agricultural Partnership

### Regulations Respecting Reduction in the Release of Methane and Certain Volatile Organic Compounds (Upstream Oil and Gas Sector)

The oil and gas sector is the largest industrial emitter of methane in Canada, releasing almost half of total methane emissions from industrial sources.

Beginning in spring 2018, new federal regulations restricted methane emissions from upstream activities such as exploration, drilling, production, processing and transmission of oil and gas from facilities that handle significant volumes of gas. They



# GMI Project Network member story



## Collaborating with Climate and Clean Air Coalition (CCAC) Oil and Gas Methane Partnership (OGMP)



In 2018, Ecopetrol collaborated with GMI CCAC OGMP to train its employees about reducing and recovering methane emissions from their crude production operations.

The training focused on assessing emissions at the nine “core emissions sources” identified by the CCAC OGMP:

1. Natural gas driven pneumatic controllers and pumps
2. Fugitive component and equipment leaks
3. Centrifugal compressors with wet (oil) seals
4. Reciprocating compressor rod seal/packing vents
5. Glycol dehydrators
6. Unstabilised hydrocarbon liquid storage tanks

# Get started by completing an online form

THE CHALLENGE

ACTION MAP

STORIES

TELL YOUR STORY

## Tell your story

Get featured in the Challenge showcase by reaching out with your story.

Salutation

First Name

Last Name

Organization

Email Address

How did you hear about the challenge?

Submitting your details takes you to an online form where you can provide more information about your GMC action.

Questions? Contact the GMI Administration Support Group at [gmc@globalmethane.org](mailto:gmc@globalmethane.org)

SUBMIT

# Thank you

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