

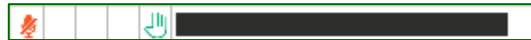
Global Methane Initiative (GMI) Biogas Subcommittee Webinar

19 December 2018

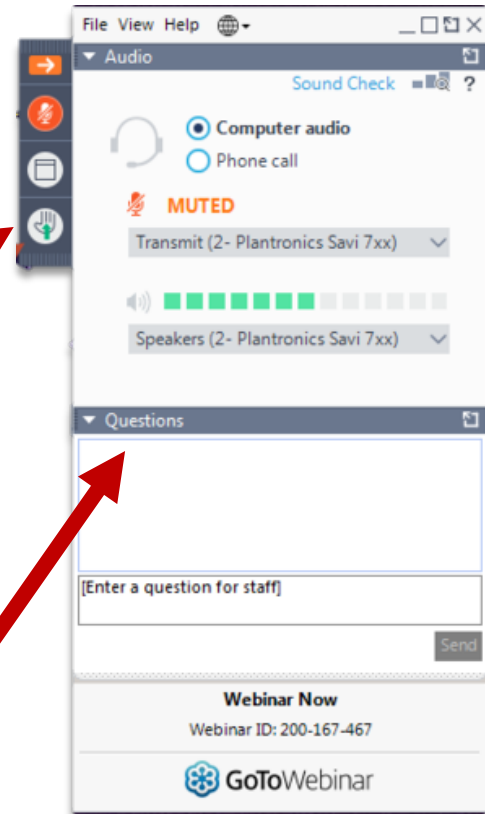


Webinar Tips

- All participants (except speakers) are in listen-only mode
- You are invited to ask questions and participate in discussion after each presentation:
 - Raise your hand



- Please keep your phone muted if you don't have a question or comment
- If you are experiencing technical difficulties, please let us know using the Questions pane on the right side or contact Dougie Harrower at 1-703-408-6805



Agenda

- Welcome
- Overview of the Global Methane Challenge
- Biogas Subcommittee Status Review
 - 2018 Accomplishments
 - Priorities for 2019
- Outreach Material and Tools
- Upcoming Events/ Subcommittee Meeting
- Wrap up

Overview of the Global Methane Challenge

Global Methane
CHALLENGE



BACKGROUND ON THE GLOBAL METHANE CHALLENGE

- 2016 Global Methane Forum marked renewed collaboration between GMI, the United Nations Economic Commission for Europe (UNECE) and the Climate and Clean Air Coalition (CCAC)
- GMI Steering Committee communiqué announced intention for the Challenge at Global Methane Forum in April 2018
- Task force of GMI Partner Country delegates formulated a proposal for the Challenge
- GMI Steering Committee endorsed and adopted the Challenge proposal in July 2018

WHY THIS CHALLENGE?

- Raise awareness about methane emissions and encourage reductions around the world
- Methane is a short-lived climate pollutant, so reductions made now can have significant short-term benefits
- Cost-effective technologies to capture and use methane are widely available today

CHALLENGE OVERVIEW

- **Who:** The Challenge is open to all public- and private-sector actors interested in showcasing their actions to reduce methane emissions
- **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

WHY PARTICIPATE IN THE CHALLENGE?

- Each Challenge participant will be publicly recognized for actions to reduce methane emissions
 - Opportunity to highlight new actions as well as ongoing efforts
 - Challenge website 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

EXAMPLES OF CROSS-CUTTING ACTIONS



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

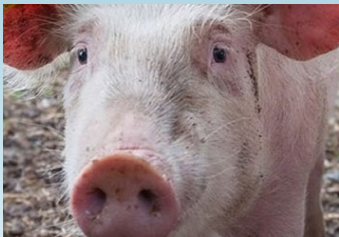


Showcase a methane mitigation project or technology

EXAMPLES OF SECTOR-SPECIFIC ACTIONS

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



Agriculture

Adopt anaerobic digestion technology



Coal Mines

Install collection systems to recover and use methane from abandoned/closed coal mines



Municipal Solid Waste

Divert organic waste from landfills



Wastewater

Install biogas capture systems at existing open air anaerobic lagoons



Oil & Gas

Install vapor recovery units

VISIT GLOBALMETHANE.ORG/CHALLENGE

HOME

THE CHALLENGE

ACTION MAP

TELL YOUR STORY



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 promoting 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 \(GMI\)](#).



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you are ready to
highlight an ong

Why methane?

- Methane is a
- on the rise
- Methane is a
- made now o
- Cost-effectiv
- are widely a

ADD YOUR ACTIVITY TO THE ACTION MAP

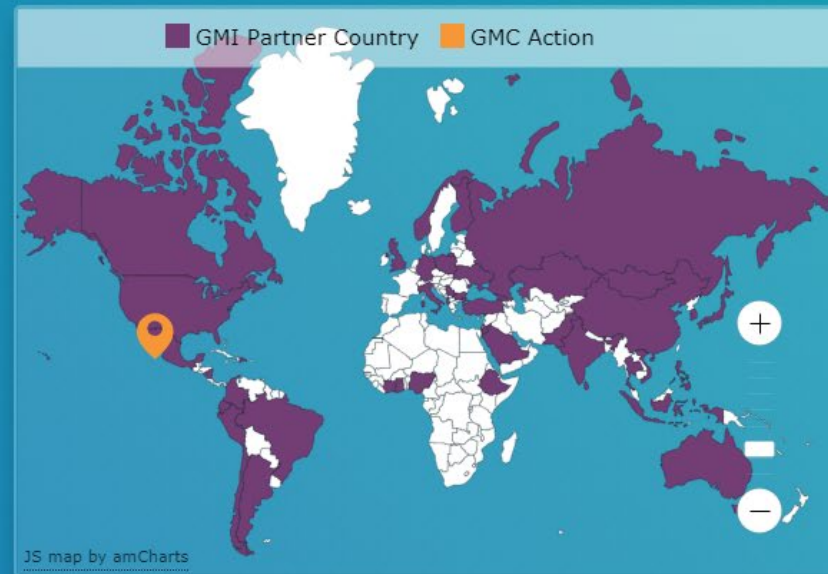
THE CHALLENGE

ACTION MAP

TELL YOUR STORY

← Action Map →

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



TELL YOUR STORY ON THE GMC WEBSITE!

ACTION MAP

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 Administrative Support Group at gmc@globalmethane.org

SUBMIT

THANK YOU FOR SUBMITTING

Global Methane Challenge

Thanks for your submission!

We'll be in touch soon to discuss your Global Methane Challenge story.
Until then, please help us by filling in as much information about your commitment as possible.
Return to the [Global Methane Challenge](#).

Mr	Dougie	Harrower
TetraTech	703 408-6805	dougie.harrower@tetrattech.com

Come back to your submission with this unique address:

<http://www.globalmethane.org/challenge/form/index.aspx?id=DQCRG>

Copy

Title of Global Methane Challenge action

Title of Global Methane Challenge action

Action type

Emission monitoring/ emission inventory
Action plan to reduce emissions
Information sharing
Capacity building - technical support
Capacity building - project finance
Emission reduction activity
Emission reduction policy
Other

Description of action

Are you working with other partners on this action? Please describe.

Are you working with other partners on this action?

CONTACT INFORMATION

Global Methane Initiative Administrative Support Group

asg@globalmethane.org or +1-202-343-9683

Social Media



[Facebook.com/globalmethane](https://www.facebook.com/globalmethane)



[Twitter.com/globalmethane](https://twitter.com/globalmethane)



[LinkedIn.com/company/global-methane-initiative-gmi](https://www.linkedin.com/company/global-methane-initiative-gmi)



Biogas Subcommittee Status Review

2018 Accomplishments

Priorities for 2019

2018 Accomplishments



Successful Completion of Biogas Components of Global Methane Forum

Developed and delivered 3 technical sessions
High-level meeting with CCAC Agriculture Initiative
Biogas Subcommittee in-person annual meeting
Scheduled technical tour (canceled)



■ Primary Collaboration

- Partner Countries, Project Network Representatives, CCAC Waste Initiative, C40, International Solid Waste Assn, World Biogas Association

■ Geographic Focus

- Latin America, Eastern Europe, Southeast Asia, Africa

■ Tools and Resources

- BioWATT; Anaerobic Digestion, Solid Waste Emissions & LFG Screening Tools; Agriculture Resource Assessments; Manure Digester Assessment
- Biogas done right BDR

■ Outreach

World Gas Conference, UK AD & World Biogas Expo, ManuResource

2019 Priorities

- **Support Global Methane Challenge**
 - Country-specific highlights (India, Philippines)
 - Rollout of Biogas sector tools and resources
 - Use the Project Network
 - Leverage NGO and Partner Delegate networks
- **Geographic Focus**
 - China, India, Kazakhstan
- **Technical Areas**
 - Best practices for food/organic waste & wastewater treatment
 - Advanced manure management & sustainable agriculture
 - Renewable natural gas production
 - Co-digestion of sludge, manure, ag residuals and food wastes
- **Virtual and In-Person SC Meetings**
 - Plans for quarterly webinars
 - In-person meeting being finalized



Outreach Material and Tools

Upcoming Events

- 2019 In-Person Subcommittee Meeting - TBD
- Global Summit on Waste to Energy
 - 28 February to 1 March 2019
 - Delhi, India
- 6th International Symposium on the Management of Agriculture and Agroindustrial Waste
 - 7-9 May 2019
 - Florianopolis, Brazil
- UK AD & World Biogas Expo 2019
 - 3-4 July 2019
 - Birmingham, United Kingdom

Wrap Up

- A recording of this webinar and the presentation will be posted to the GMI website
- Thank you for participating!