

# ASG Updates and the Global Methane Challenge

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7 November 2019



# GMI News and Updates

- GMI Website Enhancements
  - Home page
  - Sector pages
  - Project Network page
- Project Network
  - Quarterly Newsletter
- New Mailing List
- 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)



The screenshot shows the homepage of the Global Methane Initiative website. At the top, there is a navigation bar with links for NEWS 1, ABOUT GMI, SECTORS, COMMUNICATION, and EXPLORE. A language selection dropdown is set to 'G Select Language'. The main header features the GMI logo and the text 'Global Methane Initiative'. Below the logo, a paragraph describes the GMI as an international public-private partnership focused on reducing barriers to the recovery and use of methane as a clean energy source. To the right, there is a world map highlighting GMI Partner Countries in orange, with a link to visit their Partner Country page. A banner below the header reads 'Global Methane CHALLENGE It's time to take action!'. The main content area features a large banner for the 'Global Methane Forum 2020' in Geneva, Switzerland, from March 23-27, with a 'Registration is now open!' call to action. Below the banner, there are three columns of text: 'Methane Matters' with a video player thumbnail, 'The Challenge' explaining methane's potent greenhouse gas properties, and 'The Opportunity' discussing the benefits of methane capture and conversion.

# Coal Sector Home Page



## Global Methane Initiative

### COAL

The GMI Coal Subcommittee focuses on supporting the identification and deployment of practical and cost-effective methane mitigation technologies and practices to reduce or eliminate emissions from coal mines. This is achieved by encouraging 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 project development. Ultimately, such collaboration can increase environmental quality, improve operational efficiency, and strengthen the economy via the additional methane brought to market.



#### Action Plan

The Coal Subcommittee Action Plan provides a blueprint for the important activities and priorities of the Coal Subcommittee to advance coal mine methane (CMM) projects. The Action Plan recognizes and takes into account the Subcommittee's accomplishments to date, while also acknowledging the dynamic and rapidly changing global energy sector, particularly the coal industry, as well as the global carbon and environmental markets.

Download the Plan

#### Strategic Alliances



**UNECE**

UNECE: The United Nations Economic Commission for Europe (UNECE) Group of

Experts on Coal Mine Methane is a subsidiary body of the UNECE Committee on Sustainable Energy that works to promote mine safety and sustainability practices through activities focused on climate change mitigation and best practices to reduce CMM emissions and abandoned mine methane (AMM) drainage.



IEA: The International Energy Agency (IEA), dedicated to ensuring reliable, affordable and clean energy for its member countries, provides a global dialogue on oil and gas, the coal market, renewable technologies, energy efficiency, and sustainability through publications, training and workshops.

- New design integrates more visual content
- Presents entry point for visitors who are less familiar with GMI
- Highlights features content and resources

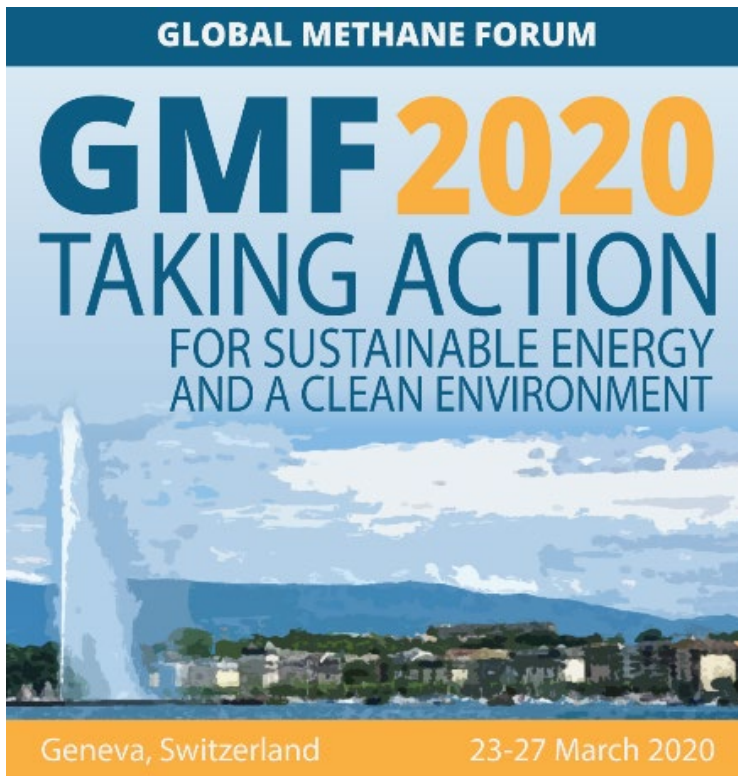
# Coal Sector Featured Resources

- Lets you scroll through featured content
- Can include documents, presentations, videos, or other web content
- Designed to be updated as new content is available

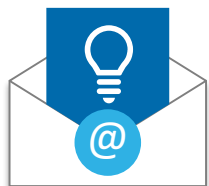


# Global Methane Forum 2020

More details coming soon!



- 23 – 27 March 2020 in Geneva, Switzerland
- Co-hosted with UNECE
- GMI Meetings:
  - Coal Mines Subcommittee
  - Oil & Gas and Biogas Subcommittees
  - Steering Committee
  - Plenary Session
- UNECE Group of Experts on CMM
- Capstone event to celebrate the Global Methane Challenge



## Recommendations for topics?

Send recommendations to [ASG@Globalmethane.org](mailto:ASG@Globalmethane.org).

# Global Methane CHALLENGE



- Quantify methane emissions from coal mines sector
- Maintain data for all large point sources
- Undertake assessment of the costs of abatement and publish results
- Share information on coal mines sector specific methane emissions
- Develop or promote implementation of best practices guidance documents for methane mitigation

### Types of Mitigation Activities

- ✓ Ventilation Air Methane oxidation
- ✓ Degasification for pipelines injection
- ✓ Flow reversal allowing for excess heat to be transferred for heating use or power production
- ✓ Capture pre-mine drainage coal mine methane from underground coal mines for recovery and use
- ✓ Deploy oxidation technologies to mitigate ventilation air methane emissions
- ✓ Install gas collection systems to recover and use methane from closed “abandoned” underground coal mines

globalmethane.org/challenge

GLOBALMETHANE.ORG

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THE 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 \(GMI\)](#).



## The Challenge

The Global Methane Challenge is your chance to tell the world what you are doing to reduce methane emissions. Whether you are ready to make a new commitment or want to highlight an ongoing effort, we want to showcase it here.

### Why methane?

- Methane is a powerful greenhouse gas, and emissions are on the rise
- 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





# Showcase your actions

Translate this page

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## Action Map

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



### China International Centre of Excellence on Coal Mine Methane

China has been the world's largest coal producer for the past three decades and is the world's leading contributor of coal mine methane (CMM) emissions, expected to become roughly 51% of the global total in 2020<sup>1</sup>. In 2017, demand for coal in China reached 2,752 million tonnes of carbon equivalent<sup>2</sup> (Mtce) and its mines captured 12.8 billion cubic meters (Bcm) of CMM<sup>3</sup>. China's ambitious goals include lowering its carbon intensity of GDP by 60%-65% below 2005 levels by 2030. Increased recovery and use of CMM will help China achieve these targets, and will also improve mine safety.

To help lead these efforts, the International Centre of Excellence on Coal Mine Methane (ICE-CMM) in China was launched in September 2017. Located in Taiyuan City, Shanxi Province and hosted by one of China's largest coal producers, Shanxi Coking Coal Group Ltd (SCCG), the Centre is situated in one of China's principal coal mining regions. Launching the ICE-CMM is an important step in the China's transition to a more sustainable energy future.

The main function of the Centre is to serve as a regional and international center for best practices in gas capture and utilization. Its objectives include increasing clean power generation, reducing greenhouse gas emissions, and improving mine safety. In addition, the ICE serves as a forum for communication and exchange among Chinese and international experts.

# Check out Coal submissions

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Action



## Actions

Click on the photos to learn more about the methane mitigation activities taking place in different industry sectors around the world.

[View a list of all GMC actions.](#)



## Biogas Stories



## Coal Mines Stories



## Oil & Gas Stories

## Coal Actions

### National Actions

- [Canada](#)
- [China](#)
- [Poland](#)
- [USA](#)

### Subnational Actions

- [MNEC](#)

 FAQS

# Steering Committee Meeting November 2019

Countries Meeting to discuss:

- Global Methane Forum 2020
- Global Methane Challenge
- **Future of GMI – beyond April 2020**
  - Major coal producing countries supportive of GMI Re-chartering in 2016
- Subcommittee Co-chairs will present on accomplishments and future activities

**Thank you!**

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**Global Methane Initiative**

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