

# Biogas Subcommittee

## Updates and Plans for 2020

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GMI Steering Committee Meeting, 18 November 2019

# 2019 Highlights

- New Co-Chair: Nick Elger, US EPA
- Global Methane Challenge Support with 13 Submissions
  - Showcase innovation and leadership and leverage NGO and Project Network members
- Geographic Focus for GMI Biogas in 2019
  - China, India, Mexico, and Kazakhstan
- Technical Areas
  - Best practices for food/organic waste & wastewater treatment
  - Advanced manure management & sustainable agriculture
  - Co-digestion of sludge, manure, ag residuals and food wastes
  - Renewable natural gas production



# 2020 Priorities

- Explore ways to unlock the full value of anaerobic digestion
- Evaluate and optimize tools/toolkits
- Grow reach of the Biogas Subcommittee through existing partner countries and the Project Network
- Facilitate participation and engagement of the Subcommittee



# 2020 Action Plan

- Host a series of webinars with Project Network members focusing on unlocking the full value of anaerobic digestion
- Launch the Biogas Toolkit
- Monitoring, reporting and verification for biogas best practices with a systematic approach
- Encourage Partner countries to make an inventory and share digester data
- Make outreach materials available through the GMI website



## Biogas Sector Challenge Submissions

- Canada
  - Agricultural Greenhouse Gases Program
  - Baleen International, Inc.
  - Initiatives to Prevent GHG Emissions through Diversion and Prevention of Organic Waste
  - Landfill Gas Capture and Utilization Feasibility
  - Research Efforts to Control Greenhouse Gases Emissions from Livestock
  
- Denmark
  - BioCover A/S

## Biogas Sector Challenge Submissions

- India
  - Punjab Agricultural Management & Extension Training Institute
  - Source Facility and BioCity
  
- Kazakhstan
  - Kazakhstan Wastewater Biogas Recovery Initiative
  
- Mexico
  - Mexico Wastewater Biogas Recovery Initiative
  - Naucalpan de Juárez, Mexico – Improving Waste Management Practices and Reducing Methane Emissions

## Biogas Sector Challenge Submissions

- Serbia
  - Building Capacity for Organic Waste Management in the Republic of Serbia
  
- USA
  - Engineered Waste Systems (EWS) LLC - Waste Management
  - Domestic Methane Partnership Programs, Support for the Global Methane Initiative, National Greenhouse Gas Inventory, Greenhouse Gas Reporting Program