Over a decade of reducing methane emissions around the globe

Global Methane Initiative Partners Help...

...reduce methane emissions and encourage recovery and use of methane as an energy source.

Methane Matters...

Most prevalent manmade greenhouse gas after CO₂

Traps 28 times more heat in the atmosphere than CO₂¹

Accounts for 32% of climate forcing

Short-lived climate pollutant, with atmospheric lifespan of 12 years

Benefits from Methane Projects...

Economic growth

Uses captured methane directly or to generate electricity

Energy security

Creates local, reliable energy source

Greenhouse gas reductions

Reduces emissions to the atmosphere

Worker safety

Minimizes explosive methane levels or groundwater contamination

Local environmental quality

Reduces air pollution and surface/local environmental quality

Human health

Prevents respiratory impacts associated with high ozone levels

GMI-Targeted Sectors...

...will account for more than 5,000 MMTCO₂E of total global manmade methane emissions by 2020.²

Projected Total Manmade Methane Emissions by 2020

<table>
<thead>
<tr>
<th>Source</th>
<th>Projected Total Emissions (MMTCO₂E)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture (Manure Management)</td>
<td>3%</td>
</tr>
<tr>
<td>Coal Mining</td>
<td>9%</td>
</tr>
<tr>
<td>Municipal Solid Waste</td>
<td>11%</td>
</tr>
<tr>
<td>Oil &amp; Gas</td>
<td>24%</td>
</tr>
<tr>
<td>Wastewater</td>
<td>7%</td>
</tr>
<tr>
<td>Rice Cultivation</td>
<td>7%</td>
</tr>
<tr>
<td>Stationary &amp; Mobile Sources</td>
<td>7%</td>
</tr>
<tr>
<td>Biomass (?)</td>
<td>7%</td>
</tr>
<tr>
<td>Other Ag Sources</td>
<td>9%</td>
</tr>
<tr>
<td>Other Sources</td>
<td>9%</td>
</tr>
</tbody>
</table>

GMI-Targeted Sectors...

GMI Partners account for nearly 70% of total global manmade methane emissions.

www.globalmethane.org

To learn more about GMI, visit:

www.globalmethane.org

Global Methane Initiative

Accounts for 32% of climate forcing

Global Wa...
Cumulative Methane Reductions

- Methane reduced (in MMTCO₂E)
- Projected methane reductions (in MMTCO₂E)

Accomplishments

- Conducted more than 600 resource assessments, feasibility studies, site visits, and study tours
- Grown from 14 to 42 Partner Countries (plus the European Commission), and from 100 to 1,300 Project Network members
- Trained more than 15,000 people in methane mitigation techniques
- Developed more than 50 tools and publications, and leveraged nearly $550 million for project development and training

GMI’s Work Since 2004

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Accomplishments

Cumulative Methane Reductions

- Methane reduced (in MMTCO$_2$E)
- Projected methane reductions (in MMTCO$_2$E)

- 2004: 3.1
- 2005: 13.4
- 2006: 29.9
- 2007: 49.8
- 2008: 96.7
- 2009: 133.7
- 2010: 176.2
- 2011: 223.8
- 2012: 268.9
- 2013: 317.2
- 2014: 351.1
- 2015: 381.0
- 2016: 410.6
- 2017: 432.3
Over a decade of reducing methane emissions around the globe.

Methane Matters...

Global Methane Initiative Partners Help...

...reduce methane emissions and encourage recovery and use of methane as an energy source.


GMI-Targeted Sectors...

Benefits from Methane Projects...

... which are equivalent to:

Annual greenhouse gas emissions from...

- About 850 billion miles/year driven by an average passenger vehicle
- Nearly 2 million railcars worth of coal burned
- More than 800 million barrels of oil consumed
- Nearly 10 billion tree seedlings grown for 10 years

To learn more about GMI, visit:

www.globalmethane.org