



METHANE  
GUIDING  
PRINCIPLES

# Methane Guiding Principles Signatory Reporting

Beijing Gas Group Co., Ltd.

January 2023





COMPANY: **Beijing Gas Group Co., Ltd.**

YEAR OF JOINING METHANE GUIDING PRINCIPLES: **2018**

SENIOR REPRESENTATIVE: **Mr. LI Shengguo**



**Principle One:**  
**Continually reduce methane emissions**

- Please state what specific activities or projects your company has undertaken to reduce methane emissions. Please refer to the previous year’s annual MGP reporting where applicable to refer to intended activity. Link to sustainability report where relevant to provide further detail.
- Describe how the reduction was achieved including description of the asset type, technology type, timeframe. What was the end result?
- Provide data to support your description e.g. the actual amount of emissions reduction achieved, or the reduction in methane intensity.

2022 completed activity	2023 intended activity
<ul style="list-style-type: none"> <li>• <b>Leak Detection and Repair (LDAR)</b> — Using high-precision laser detection car to apply large-scale inspection of urban gas pipeline to locate and repair pipeline leakage timely; using flame ionization detector (FID) to carry out leak detection and repair on urban gas stations at component-level.</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>



## Principle Two:

### Advance strong performance across the gas supply chain

Please include answers to the following questions:

1. Did you participate in any methane research or plan to do so?
2. Did you conduct any outreach on methane management?
  - Describe what action you have taken to engage industry players across the value chain to better understand how to achieve robust methane emissions management. Outreach activity could include training sessions, participation in webinars, influencing of NOJV partners, or publication of guidance. Activity could also include commercial incentives or engagement with investors to drive better performance by others.
  - Provide details of any outcomes that resulted from your action.

2022 completed activity	2023 intended activity
<ul style="list-style-type: none"> <li>• <b>Best Practices</b> — The Best Practices of methane emission reduction of Beijing Gas was sorted out from the aspects of methane emission control system, urban gas pipeline leakage management and control system, mechanical operation instead of manual work, etc., hence to form the Best Practice of methane emission reduction of urban gas enterprises.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Methane Emission Reduction Assists Safe Operation of Urban Gas Enterprises Seminar</b> — Planning to Invite representatives of urban gas supply enterprises, experts and scholars, and representatives of detection companies to introduce the progress of methane emission reduction of enterprises, expert experience and detection technology, so as to improve the awareness of methane control and emission work of urban gas enterprises.</li> </ul>



### Principle Three: Improve accuracy of methane emissions data

- Describe action taken to improve methane emissions data collection methodologies. This could be application of new technology at an operated site(s), investment and participation in R&D initiatives, development of monitoring/modelling software, or support to research that improves the accuracy of the quantification of methane emissions.
- Where new technology /software has been piloted or adopted, it is helpful to describe how it works, the reasons it was selected, and how it was deployed. Any data that can be shared to demonstrate improvements is useful.
- How these new methods/technologies has been adopted into your accounting process if at all.

2022 completed activity	2023 intended activity
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### Principle Four:

#### Advocate sound policy and regulations on methane emissions

Advocacy consists of active participation in legal consultation processes, external policy statements, and direct engagement with government

- Consider providing details on the region or regulation involved, how you undertook your advocacy, others involved, and the outcome.

2022 completed activity	2023 intended activity
<ul style="list-style-type: none"> <li>• <b>Research on National Standards</b> – Beijing Gas led the drafting the National Standards &lt;Greenhouse gas emissions accounting and reporting Guidelines– Part X: Urban gas supplying enterprise&gt;, this fills in gaps of greenhouse gas emission accounting and reporting of urban gas industry.</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>





## Principle Five: Increase transparency

Please include answers to the following question:

1. Are you participating in OGMP 2.0 or do you intend to do so? If you are participating in OGMP 2.0 you may provide a link to the website.
  - Describe what activity you have carried out e.g. providing information in relevant external reports on methane emissions data, methodologies, and progress and challenges in methane emissions management.
  - If you have contributed towards the standardisation of comparable external methane reporting describe the activity you have taken.

2022 completed activity	2023 intended activity
<ul style="list-style-type: none"><li>•</li></ul>	<ul style="list-style-type: none"><li>•</li></ul>

## Methane Emissions

<p><b>Do you report absolute methane emissions within your sustainability report?</b></p> <p><i>If so provide link.</i></p>	
<p><b>Do you report a methane intensity within your sustainability report?</b></p> <p><i>If so provide link.</i></p>	
<p><b>What are your organisation's total absolute methane emissions?</b></p> <p><b>Provide a figure in tonnes.</b></p> <p><b>Provide latest data publicly available.</b></p>	
<p><b>State your methodology.</b></p>	
<p><b>State your reporting boundary.</b></p>	
<p><b>What are your organisation's methane intensity?</b></p> <p><b>Provide latest data publicly available.</b></p>	
<p><b>State your methodology.</b></p>	
<p><b>State your reporting boundary.</b></p>	
<p><b>Do you have a methane emission target?</b></p> <p><b>If yes, please state what it is, including the boundaries and methodology.</b></p> <p><b>If no, are you developing such a target? Please state your intended timeline.</b></p>	

## Methane Emissions

