



METHANE  
GUIDING  
PRINCIPLES

# Methane Guiding Principles Signatory

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Australian Gas Infrastructure Group

April 2024



**Company:** Australian Gas Infrastructure Group (AGIG)

**Year of Joining Methane Guiding Principles:** November 2023

**Senior Representative:** Cathryn McArthur, Executive General Manager  
Customer and Strategy

## 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.

2023 Completed Activity	2024 Intended Activity
<ul style="list-style-type: none"> <li>• Interim Scope 1 and 2 emissions reductions targets were set to reduce emissions by 30% by end-2030 from 2020 levels.</li> <li>• Delivery of the AGIG mains replacement program, which contributed to a reduction in Scope 1 emissions on our distribution assets.</li> </ul>	<ul style="list-style-type: none"> <li>• We will improve reliability, reduce emissions and future proof our distribution networks by replacing low pressure networks and earliest generation polyethylene pipes.</li> <li>• We will invest in significant new renewable gas projects for supply to our customers<sup>1</sup>.</li> </ul>

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<sup>1</sup> See our ESG reports for more information [www.agig.com.au/publications](http://www.agig.com.au/publications)

## 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.



2023 Completed Activity	2024 Intended Activity
<ul style="list-style-type: none"><li>• AGIG participated in a number of forums and research organisations relevant to reducing methane emissions including:<ul style="list-style-type: none"><li>- Australian Pipeline and Gas Association sponsored forums focusing on reducing greenhouse gas emissions.</li><li>- The Future Fuels Cooperative Research Centre, which work program includes consideration of net-zero carbon alternatives to natural gas such as biomethane and renewable hydrogen.</li></ul></li><li>• AGIG launched the Australian Hydrogen Centre (AHC) reports<sup>2</sup>. The AHC was established to deliver feasibility studies of how existing gas distribution networks can be used in a system to produce, store, and transport renewable hydrogen, decarbonising gas supply while still meeting the needs of millions of customers.</li></ul>	<ul style="list-style-type: none"><li>• We will promote knowledge sharing and partnerships across the renewable energy sector.</li><li>• We will include ESG criteria as part of our procurement processes by end-2024.</li><li>• We will undertake a materiality assessment on our Scope 3 emissions to enable us to set a reporting target by end-2024.</li></ul>

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<sup>2</sup> Full AHC Reports are available here: [www.agig.com.au/publications](http://www.agig.com.au/publications)

### 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.

2023 Completed Activity	2024 Intended Activity
<ul style="list-style-type: none"> <li>• Not undertaken in 2023.</li> </ul>	<ul style="list-style-type: none"> <li>• AGIG intends to begin climate reporting in FY25 as part of the proposed changes to the Australian Accounting Standards.</li> </ul>

## 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.

2023 Completed Activity	2024 Intended Activity
<ul style="list-style-type: none"> <li>• We worked with stakeholders to demonstrate 100% hydrogen domestic appliances in a typical “at home” setting to help them understand how they might use hydrogen in the future. HyHome, a typical Australian home with gas appliances run using 100% hydrogen was launched in July 2023.</li> <li>• AGIG continued to work with governments, industry and research organisations to share knowledge on the future of gas. This includes through our memberships in Energy Networks Australia, the Australian Pipeline and Gas Association, the Australian Hydrogen Council, Bioenergy Australia, and the Future Fuels Cooperative Research Centre. AGIG participated in more than 30 external conferences throughout the year.</li> <li>• The AHC reports, which included knowledge sharing on Hydrogen Park South Australia, were published.</li> </ul>	<ul style="list-style-type: none"> <li>• We will promote knowledge sharing and partnerships across the renewable energy sector</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 standardization of comparable external methane reporting describe the activity, you have taken.

2023 Completed Activity	2024 Intended Activity
<ul style="list-style-type: none"> <li>• Not undertaken in 2023.</li> </ul>	<ul style="list-style-type: none"> <li>• AGIG will continue to consider and evaluate the OGMP 2.0 principles, particularly in evaluating opportunities for improvements in emissions determination and Climate Reporting under the Australian Accounting standards.</li> </ul>



<p>Do you report absolute methane emissions within your sustainability report? <i>If so, provide link.</i></p>	<p>Methane emissions are not included in our ESG report.</p>
<p>Do you report a methane intensity within your sustainability report? <i>If so, provide link.</i></p>	<p>Methane intensity is not included in our ESG report.</p>
<p>What is your organization's total absolute methane emissions? Provide a figure in tons. Provide latest data publicly available.</p>	<p>AGIG does not report absolute methane emissions.</p>
<p>State your methodology.</p>	<p>N/A</p>
<p>State your reporting boundary.</p>	<p>N/A</p>
<p>What are your organization's methane intensity? Provide latest data publicly available.</p>	<p>AGIG does not report methane intensity.</p>
<p>State your methodology.</p>	<p>N/A</p>
<p>State your reporting boundary.</p>	<p>N/A</p>
<p>Do you have a methane emission target? If yes, please state what it is, including the boundaries and methodology. If no, are you developing such a target? Please state your intended timeline.</p>	<p>In 2023, AGIG set an interim target to reduce Scope 1 and 2 emissions:  We aim to reduce our Scope 1 and 2 emissions across all AGIG assets by 30% by end-2030 (from a financial year 2020 baseline).</p>