



METHANE  
GUIDING  
PRINCIPLES

# Methane Guiding Principles Supporting Organisation Reporting

GIE (Gas Infrastructure Europe) and MARCOGAZ

15<sup>th</sup> January 2021



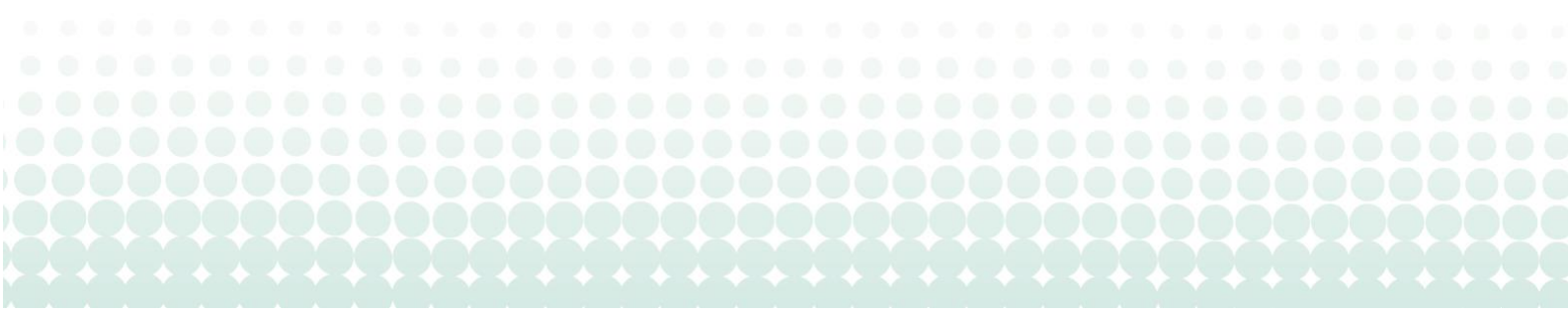


COMPANY: **GIE (Gas Infrastructure Europe) and MARCOGAZ**

DATE: **January 15<sup>th</sup> 2021**

YEAR OF JOINING METHANE GUIDING PRINCIPLES: **2017**

SENIOR REPRESENTATIVE: **Francisco de la Flor**



## Principle One: Continually reduce methane emissions

| 2020 completed activity  | 2021 intended activity   |
|--|--|
| <ul style="list-style-type: none"> <li>• Publication of “<b>Guidelines for Methane Emissions Target Setting</b>” (GIE, MARCOGAZ and IOGP)<sup>1</sup><br/>This document helps companies from the entire gas value chain to set methane emissions reduction targets as a complement to mitigation strategies. Examples and case studies are included.</li> <li>• <b>Dissemination of information and raising awareness</b> among the gas industry (e.g. reports, best practice guides, organizing specific sessions on methane emissions, sharing invitations to seminars and workshops, etc.). Training programme and follow-up sessions on methane emissions organized with Energy Community.</li> <li>• Two <b>questionnaires</b> were developed and circulated by GIE and MARCOGAZ to gather information on mitigation measures implemented, emission reductions achieved, costs, targets, and so forth.</li> </ul> | <ul style="list-style-type: none"> <li>• <b>CEN TC234 WG14 Technical Report</b> to assess methane emissions for gas transmission and distribution systems (based on the MARCOGAZ’ report to assess methane emissions for Gas Transmission &amp; Distribution System Operators<sup>2</sup>). It will be available 3<sup>rd</sup> quarter 2021.</li> <li>• <b>Dissemination of information and raising awareness</b> among the gas industry. This will remain a priority for GIE and MARCOGAZ during 2021.</li> <li>• Evaluation of the establishment of emission reduction <b>targets</b> per segment at European level.</li> </ul> |

<sup>1</sup> <https://www.gie.eu/index.php/gie-publications/methane-emissions/methane-emission-guidelines/28274-guidelines-for-methane-emissions-target-setting/file>

<sup>2</sup> [https://www.marcogaz.org/app/download/8161672063/WG\\_ME-485-Assessment+of+methane+emissions+for+gas+Transmission+and+Distribution+system+operator.pdf?t=1602849054](https://www.marcogaz.org/app/download/8161672063/WG_ME-485-Assessment+of+methane+emissions+for+gas+Transmission+and+Distribution+system+operator.pdf?t=1602849054)

## Principle Two:

### Advance strong performance across the gas supply chain

| 2020 completed activity  | 2021 intended activity   |
|--|--|
| <ul style="list-style-type: none"> <li>• GIE and MARCOGAZ have supported the Methane Guiding Principles with the development of the new two <b>Best Practice Guides</b> to reduce methane emissions (1) Transmission, Storage, LNG Terminals and Distribution; (2) Identification, Detection, Measurement and Quantification). These documents will be key tools for the gas industry.</li> <li>• GIE and MARCOGAZ <b>supported</b> the consortium (Wood, Carbon Limits, The Sniffers and TNO) hired by the European Commission (EC) to perform the <b>study</b> “<u>Limiting methane emissions in the energy sector</u>” by means of providing input and information.</li> <li>• GIE and MARCOGAZ submitted a <b>case study</b> to the Global Methane Challenge and it was published<sup>3</sup> this year.</li> <li>• <b>Action Plan</b><sup>4</sup> on methane emissions. GIE and MARCOGAZ are coordinating this action plan which was developed collaboratively by representatives from the entire gas chain. It shows the actions and projects defined by the gas industry to tackle the identified challenges and gaps in the report<sup>5</sup> “Potential ways the gas industry can contribute to the reduction of methane emissions”. It is updated on a frequent basis.</li> <li>• The MARCOGAZ <b>Technical recommendations on LDAR Programmes</b> will be published before the end of the year.</li> </ul> | <ul style="list-style-type: none"> <li>• <b>Action plan</b> on methane emissions will be periodically updated.</li> <li>• MARCOGAZ will develop a document: <b>Technical Recommendations on Flaring and Venting Activities</b>.</li> </ul> |

<sup>3</sup> <https://globalmethane.org/challenge/gie.html>

<sup>4</sup> <https://www.gie.eu/index.php/gie-publications/methane-emissions/methane-emission-action-plan>

<sup>5</sup> <https://www.gie.eu/index.php/gie-publications/methane-emissions/methane-emission-report-2019>

### Principle Three:

#### Improve accuracy of methane emissions data

| 2020 completed activity  | 2021 intended activity   |
|--|--|
| <ul style="list-style-type: none"> <li>GIE and MARCOGAZ have been supporting <b>OGMP</b> to extend this reporting framework to mid and downstream segments. Information on the initiative was circulated among our members, also a webinar was organised together with the EC and UNEP (an important number of companies have joined the initiative).</li> <li>MARCOGAZ has developed a <b>Methane Emissions Reporting Template</b><sup>6</sup> and a <b>Technical Guide</b><sup>7</sup>. Both documents have been shared with OGMP members for approval.</li> </ul> | <ul style="list-style-type: none"> <li>Aggregation of methane emissions data along the European Union gas value chain (including units).</li> <li>A recommendation on how to improve the accuracy and transparency of UN Framework Convention on Climate Change national inventory reports will be shared with our members.</li> </ul> |

### Principle Four:

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

| 2020 completed activity  | 2021 intended activity   |
|--|--|
| <ul style="list-style-type: none"> <li>GIE and MARCOGAZ <b>contributed to the public consultations</b> launched by the <b>EC</b> as well as to their <b>workshops/webinars</b> on methane emissions.</li> <li>GIE and MARCOGAZ, together with 11 other associations collectively expressed their support to the European Commission's Strategy on methane emissions via a <b>joint declaration</b><sup>8</sup>.</li> </ul> | <ul style="list-style-type: none"> <li>GIE and MARCOGAZ are fully committed to support the EC with the development of the legislation on methane emissions.</li> </ul> |

### Principle Five:

#### Increase transparency

| 2020 completed activity  | 2021 intended activity   |
|--|--|
| <ul style="list-style-type: none"> <li>Participation in developing the <b>OGMP 2.0 Reporting Framework</b>.</li> </ul> | <ul style="list-style-type: none"> <li>Harmonised definitions for the entire gas value chain. A <b>Methane Emissions Glossary</b> is under development and will be published in 2021.</li> </ul> |

<sup>6</sup> [https://www.marcogaz.org/pp/download/8271109163/WG\\_ME-756+-+version+20201112.xlsx?t=1606983582](https://www.marcogaz.org/pp/download/8271109163/WG_ME-756+-+version+20201112.xlsx?t=1606983582)

<sup>7</sup> [https://www.marcogaz.org/app/download/8271109963/WG\\_ME-710.pdf?t=1606988780](https://www.marcogaz.org/app/download/8271109963/WG_ME-710.pdf?t=1606988780)

<sup>8</sup> <https://www.gie.eu/index.php/gie-publications/methane-emissions/industry-declaration/28518-gas-industry-declaration-on-the-eu-strategy-to-reduce-methane-emissions/file>