



METHANE
GUIDING
PRINCIPLES

Methane Guiding Principles Signatory Reporting

GRTgaz

January 15th 2021





COMPANY: **GRTgaz**

DATE: **January 15th 2021**

YEAR OF JOINING METHANE GUIDING PRINCIPLES: **2020**

SENIOR REPRESENTATIVE: **Thierry TROUVE, CEO**



Principle One: Continually reduce methane emissions

2020 completed activity	2021 intended activity
<ul style="list-style-type: none"> GRTgaz's methane emissions should drop by about -23% between 2019 and 2020. Since 2016 GRTgaz's methane emissions have decreased by 67%. Actions against methane leaks or vents encompassed all the assets of GRTgaz (network above ground installation, compressor stations, pipeline, etc.). R&D programs are operated by RICE (GRTgaz's R&D center) on gas detection, leak repairs and innovative equipment to decrease methane emissions. 	<ul style="list-style-type: none"> GRTgaz is planning on increasing its actions to reduce methane emissions in the years to come. An investment program dedicated to methane emission reduction was launched in 2020 and will start to operate in 2021. Several research & developments projects are also being conducted by GRTgaz to achieve a CH₄ emission-free compressor station.

What are your organisation's total methane emissions?

2020 completed activity	2021 intended activity
<ul style="list-style-type: none"> In 2020 GRTgaz has recorded emissions of 10,3 millions m³ (- 67% compared to 2016). Most of these emissions emanate from the fugitives leaks on the network above ground installations (50%), followed by emissions from the compressor stations (40%). Fugitives leaks are quantified based on third party measurements on a representative panel of sites using the EN15446 standard. Other emissions are quantified through calculations, or estimates based on emission factors. 	<ul style="list-style-type: none"> The 2021 target is not currently set but will be aligned with the 2025 target (~6,2 millions m³), hence on track to divide by 5 the emission between 2016 and 2025.



**Does your organisation report methane intensity?
If so, please specify the intensity.**

2020 completed activity	2021 intended activity
<ul style="list-style-type: none"> Methane emissions are reported in absolute values as referred above. 	<ul style="list-style-type: none"> GRTgaz will keep on reporting absolute values in the years to come.

Do you have a methane emission target?

2020 completed activity	2021 intended activity
<ul style="list-style-type: none"> GRTgaz aimed at reducing them by - 67% between 2016 and 2020 (results 2016-2020 = - 67%) 	<ul style="list-style-type: none"> GRTgaz 's target is a drop of 40% between 2020 and 2025 (so as to divide by 5 its emissions between 2016 and 2025).



Principle Two:

Advance strong performance across the gas supply chain

2020 completed activity	2021 intended activity
<ul style="list-style-type: none"> As an active member of GIE/Marcogaz, GRTgaz has presented and pushed for better methane management in various seminars and webinars (e.g. : energy community, industry meetings) In France, GRTgaz works closely with the other gas infrastructure operators to promote methane reduction actions. As such, we shared our knowledge in a French dedicated workshop alongside Total, IEA, ... GRTgaz and Total have translated the MGP Best Practice Guides into French. 	<ul style="list-style-type: none"> GRTgaz will keep on promoting sound and thorough methane reduction practices across the gas supply chain in 2021 (ex : webinars, ...).

Principle Three:

Improve accuracy of methane emissions data

2020 completed activity	2021 intended activity
<ul style="list-style-type: none"> GRTgaz opened one of its compressor stations to a third party independent measurements. This measurements were done using a top-down approach, compared with existing bottom-up results. Internally we have also developed a methane emission software on our compressor station to add further details to our internal reporting. 	<ul style="list-style-type: none"> GRTgaz is going to work closely with GERG to keep on improving the accuracy of methane emissions data, focusing in particular on top-down measurements.



Principle Four:

Advocate sound policy and regulations on methane emissions

2020 completed activity	2021 intended activity
<ul style="list-style-type: none"> GRTgaz has contributed to complete the MGP Best Practice Guides so that they address midstream/downstream part IDM&Q. GRTgaz is also a member of CEN TC234 WG14 on methane quantification in mid/downstream (secretary). 	<ul style="list-style-type: none"> GRTgaz will contribute to the Marcogaz/GIE work on LDAR recommendation, on flaring/venting and on elements related to the European methane regulation. GRTgaz is a member of the MGP task force on the assessment of regulatory tools.

Principle Five:

Increase transparency

Historical completed activity	2021 intended activity
<ul style="list-style-type: none"> GRTgaz is a signatory member of OGMP 2.0. It has extensively contributed to define the reporting template for methane emission for the mid/downstream. RICE, the R&D department of GRTgaz, also contributes to increase transparency of methane emission reporting by participating in a GERG lead study on the subject. 	<ul style="list-style-type: none"> GRTgaz will provide its reports according to the OGMP 2.0 framework by mid 2021. GRTgaz participate to the OGMP 2.0 Task Forces (co-chair on technical guidelines) and will work closely on these issues in the forthcoming months.

Commentary:

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