METHANE GUIDING PRINCIPLES

Methane Guiding Principles Signatory

GRTgaz

February 2024

Company: GRTgaz

Year of Joining Methane Guiding Principles: January 2020

Senior Representative: Sandrine Meunier

Principle One:

Continually reduce methane emissions.

2023 Completed Activity	2024 Intended Activity
• Since 2016, GRTgaz's methane emissions have decreased by 75%. 2023 GRTgaz's total methane emissions are estimated at 5,1 ktCH4. • The asset adaptation program was pursued in 2023 with the commissioning of several projects during the year. The main part being the emission-free compressor station program. • In compressor stations, reduction of emissions has been achieved by reducing the number of emitting events (e.g: using a mobile recompressor when feasible, as already done for pipeline maintenance). In addition to this, specific repair and maintenance plans were undertaken on process valves in 2023 to continue to reduce emissions from vent line on compressor stations.	• The 2024 target will be in line with the 2025 target (total methane emissions limited to 4 ktCH4), hence on track to divide by 5 the emission between 2016 and 2025 (-80%). • In 2024, more projects of the asset adaptation program will be completed and become operational, achieving the CH4 emission-free compressor station standard of GRTgaz. • GRTgaz also plans to further enhance its Leak Detection And Repair (LDAR) internal capabilities and programs, in a continuous improvement process. • Several research and development programs will continue to be led by GRTgaz on different levels, such as reducing gas analysers emissions, developing solutions to recover very small quantities of gas that would have been otherwise vented during maintenance activities on valve stations or on compressor stations.

Principle Two:

Advance strong performance across the gas supply chain

2023 Completed Activity	2024 Intended Activity
• Within GIE/Marcogaz Methane Working Group, and OGMP GRTgaz is a main contributor to recommendation documents and advocates for better methane management through several presentations in seminars and webinars. • Among the R&D projects carried out by the Research and Innovation Centre for Energy (RICE), the R&D department of GRTgaz, innovations such as site-level measurements projects have been developed. See RICE website: https://researchbyrice.com/?lang=en	• GRTgaz will continue to work closely in France with the other gas infrastructure operators to promote methane reduction actions and best practices and will keep on promoting sound and thorough methane reduction practices across the gas supply chain in the upcoming years.

Principle Three:

Improve accuracy of methane emissions data.

2023 Completed Activity	2024 Intended Activity
• GRTgaz carried out experiments on site-level measurement campaign on 4 assets with 2 different technologies (drone detection and gas tracer). Experiments focused on data reconciliation between site level and source level quantification methodologies. • Some emissions monitoring has been improved by being automatically processed in the IT tool of GRTgaz. • Among the R&D projects carried out by the Research and Innovation Centre for Energy (RICE), the R&D department of GRTgaz, a new quantification device, measuring directly leak flow rates has been tested to quantify methane emissions from fugitive leaks across different types of assets.	• GRTgaz will pursue its continuous improvement strategy to best compute and monitor methane emissions across all assets. IT developments are planned to enhance LDAR and small venting operations reporting. • GRTgaz will increase the number of site-level measurements and site-source level reconciliation attempts.

Principle Four:

Advocate sound policy and regulations on methane emissions

2023 Completed Activity	2024 Intended Activity
• In 2023, GRTgaz actively contributed to the position papers around methane emissions legislation proposal from the European Commission. • GRTgaz has also an important role in CEN TC234 WG14 on methane emissions in mid/downstream (secretary).	• GRTgaz plans to pursue the same dynamic, specifically in CEN and OGMP2.0.

Principle Five:

Increase transparency

2023 Completed Activity	2024 Intended Activity
• GRTgaz is a signatory member of OGMP 2.0 since 2020 and provided its yearly report on May 2023 according to the OGMP 2.0 framework. Documents and Publications | OGM Partnership • More specifically, methane emissions quantification methodologies have been precisely described in the OGMP 2.0 implementation plan, as well as the next steps for continuous improvement of data quality. 2022 data was 98% level 4. • GRTgaz has been awarded the "gold standard" OGMP label every year since 2021. • GRTgaz has extensively contributed to OGMP 2.0 task forces. Since the end of 2023, GRTgaz is one of the midstream representatives in the Advisory Group.	• GRTgaz plans to pursue the same dynamic, through its presence in working groups, internal data transparency development and production of dedicated documentation. • GRTgaz will continue to work on OGMP technical guidelines.

Methane Emissions

Do you report absolute methane emissions within your sustainability report? *If so, provide link.*	Yes Integrated-report-GRTgaz-2022.pdf (2022 data, focus page 39)
Do you report a methane intensity within your sustainability report? *If so, provide link.*	No
What is your organization's total absolute methane emissions? Provide a figure in tons. Provide latest data publicly available.	Estimated 5,1 ktCH4 in 2023. 6,2 ktCH4 in 2022 (see Integrated-report-GRTgaz-2022.pdf page 39)
State your methodology.	OGMP2.0 methodology. All GRTgaz's assets emissions are monitored and quantified. As a guiding principle, GRTgaz focuses on the most important sources as a priority, for mitigation and leakage treatment.
State your reporting boundary.	Operated assets
What are your organization's methane intensity? Provide latest data publicly available.	Not applicable
State your methodology.	Not applicable
State your reporting boundary.	Not applicable
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.	Total emissions limited to 4 ktCH4 by 2025. This target includes all GRTgaz's assets: Operated assets (compressor stations, regulating stations and pipelines). Specific targets are defined for non-operated assets.