



METHANE
GUIDING
PRINCIPLES

Methane Guiding Principles Signatory Reporting

Equinor

January 2022





COMPANY: **Equinor**

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

SENIOR REPRESENTATIVE: **SVP climate and sustainability Hilde Røed**



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.

2021 completed activity	2022 intended activity
<p>Equinor has in 2021 actively contributed to reducing methane emissions in the gas value chain, based on our experiences and current low performance level at the Norwegian Continental Shelf (NCS).</p> <p>Our involvement in OGMP task forces contributes to reductions through the establishment of guidance documentation for the upstream and downstream oil and gas industry.</p>	<p>Equinor will in 2022 continue to actively contribute to reducing methane emissions in the entire gas value chain, with a particular focus on reporting from non-operated assets.</p>



Principle Two:

Advance strong performance across the gas supply chain

Please include answers to the following questions:

- Did you participate in any methane research or plan to do so?
- 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.

2021 completed activity	2022 intended activity
<p>Equinor has engaged with authorities, partners, operators, NGOs and academia to reduce methane emissions across the gas supply chain.</p> <p>Through OGCI Climate Investments and Equinor Ventures we have invested in projects around the world that delivered significant near-term impact on both measuring and reducing methane emissions.</p> <p>Equinor is also an active partner of Collaboratory to Advance Methane Science (CAMS) to pursue scientific studies addressing methane emissions along the natural gas value chain, from production through end use.</p> <p>Equinor has in 2021 had a particular focus on Non-Operated Joint Venture partners to reduce methane emissions.</p>	<p>Equinor will in 2022 continue our engagement with downstream operators and Non-Operated Joint Venture partners to reduce methane emissions, including measures to reduce flaring.</p>



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.

2021 completed activity	2022 intended activity
<ul style="list-style-type: none"> • Equinor's methane reporting was found to be Gold standard according to the International Methane Emissions Observatory (IMEO) 2021 report. • During 2021 a campaign to test in total eight technologies with four different drones was conducted at Equinor's Kollsnes gas processing plant in Norway. A mobile rig for testing against known emission rates played a key role. • Airborne measurements of methane from 21 installations in Norway found good alignment with what Equinor reports to the authorities • Equinor carried out in 2021 drone operated SeekOps surveys of UKCS operated installations. • We also actively contributed to the OGCI work to evaluate satellite measurements and to the OGMP 2.0 Task Forces on Reporting and Uncertainty&Reconciliation. 	<p>During 2022 will continue to test and develop measurement technologies to improve the quality of reported methane emission data and contribute to external initiatives focusing on improving methane emission data.</p>



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.

2021 completed activity	2022 intended activity
<p>During 2021 Equinor contributed to the development and signed on to Methane Guiding Principles' recommendations covering a number of key policy areas for the EU.</p> <p>Equinor also provided input to the EU Commission on our experiences from methane regulation in Norway and OGMP2.0.</p>	<p>Equinor will during 2022 support the implementation of a sound EU methane regulation.</p>



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.

2021 completed activity	2022 intended activity
<p>Equinor's methane reporting was found to be Gold standard according to the International Methane Emissions Observatory (IMEO) 2021 report.</p> <p>Equinor launched in November 2021 a new report documenting the greenhouse gas and methane intensities for the entire value chain for Norwegian gas delivered to customers in Europe.</p>	<p>Equinor will in 2022 continue to contribute to the implementation and further development of OGMP2.0, and will support the EU commission in implementation methane regulation based on OGMP2.0.</p> <p>Equinor will also increase the transparency of GHG emission data per field.</p>



Methane Emissions

<p>Do you report absolute methane emissions within your sustainability report? <i>If so provide link.</i></p>	<p>Yes. Source: 2020 Equinor sustainability report</p>
<p>Do you report a methane intensity within your sustainability report? <i>If so provide link.</i></p>	<p>Yes. Source: 2020 Equinor sustainability report</p>
<p>What are your organisation's total absolute methane emissions? Provide a figure in tonnes. Provide latest data publicly available.</p>	<p>2020: Absolute methane emissions 17 700 tonnes (source: 2020 Equinor sustainability report)</p>
<p>State your methodology.</p>	<p>Methodology according to relevant national requirements and guidance (e.g. Handbook for quantifying direct methane and NMVOC emissions)</p>
<p>State your reporting boundary.</p>	<p>Total methane emissions from our up- and midstream activities, on a 100 % operated basis.</p>
<p>What are your organisation's methane intensity? Provide latest data publicly available.</p>	<p>2020: Methane intensity 0.03% (source: 2020 Equinor sustainability report)</p>
<p>State your methodology.</p>	<p>Methodology according to relevant national requirements and guidance (e.g. Handbook for quantifying direct methane and NMVOC emissions).</p>
<p>State your reporting boundary.</p>	<p>All methane emissions (including from refineries) / marketed gas production (100% operated basis).</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>Equinor's methane ambition is to maintain the very low methane intensity from Equinor's oil and gas operations and continue to explore emission reduction opportunities, including:</p> <ul style="list-style-type: none"> • develop and implement technologies and procedures to detect and reduce methane emissions • support industry efforts to reduce methane emissions across the oil and gas value chain • increase the quality and transparency of reported data



- support the development of sound methane policies and regulations.

Equinor is committed to supporting the OGCI in reaching its collective methane emission ambition of well below 0.20 % in 2025.

See more information at www.equinor.com

