



METHANE  
GUIDING  
PRINCIPLES

# Methane Guiding Principles Signatory

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DNO ASA  
February 2024



**Company:** DNO ASA

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

**Senior Representative:** Chris Spencer, Managing Director

## 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>• DNO’s main focus to reduce greenhouse gas (GHG), including methane, emissions is on operated assets. DNO’s main operated production activities are in the Kurdistan region of Iraq (Kurdistan) where DNO accounts for over one-fourth of the regions oil production and exports. Field activities in 2023 were materially reduced compared to 2022 due to suspension of oil exports since March 2023, which led to production shut-in during Q2 and reduced production levels during H2 compared to 2022 levels.</li><li>• DNO has an active Leak Detection and Repair (LDAR) program (using ground-based infrared cameras and sniffers) to tackle fugitive emissions from its Kurdistan operations. DNO continued with its LDAR program throughout 2023.</li><li>• Additionally, DNO engaged a third-party technical advisor in 2023 to review DNO’s GHG, including methane, quantification and reporting practices. A key outcome of this work was increasing confidence in the baseline of DNO’s methane emissions, which is fundamental for identifying, planning and executing relevant methane reduction activities going forward.</li></ul>	<ul style="list-style-type: none"><li>• Expand the LDAR program across the operations</li><li>• Enhance quality of methane quantification and identify relevant and meaningful methane reduction projects. The main relevant source of methane emissions to DNO’s operations in Kurdistan is flaring of associated gas. Reducing flaring has been the top priority of the Company for the last seven years.</li></ul>

## 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>• <b>Research:</b> DNO has been a member of the Low Emission (SINTEF) center in Norway since 2021, through which it contributes to research and development efforts for improving environmental performance of the offshore oil and gas industry. This center, which is supported by the Norwegian government and universities as well as by industry, develops new technologies for offshore energy systems.</li><li>• <b>Outreach and engaging industry partners:</b> DNO joined the Methane Guiding Principles (MGP) in August 2023, therefore our outreach program was limited in 2023.</li></ul> <p>DNO is the largest international oil company present in Kurdistan, accounting for about one-fourth of the region's oil production and exports. DNO is also a founding member of Association of Petroleum Industry of Kurdistan (APIKUR). DNO is the only member of APIKUR which is a signatory to the MGP. We are leveraging on our position as the leading oil company in Kurdistan and our active participation in APIKUR to increase awareness and action on methane by the oil and gas industry in Kurdistan. We plan to increase engagement with the APIKUR members and the regulator on this topic in 2024.</p>	<ul style="list-style-type: none"><li>• <b>Research:</b> We will continue to support research and development at Norway's SINTEF center. We will also aim to support MGP's activities in this area.</li><li>• <b>Outreach and engaging industry partners:</b> We are planning to increase our engagement with the relevant industry partners in Kurdistan (international oil companies) in 2024 on methane reduction efforts.</li></ul> <p>We will also engage with the regulator (Ministry of Natural Resources of the Kurdistan Regional Government) to help with increasing awareness and building a fit-for-purpose and effective regulatory framework to tackle methane emissions in the oil and gas sector of Kurdistan.</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.

2023 Completed Activity	2024 Intended Activity
<ul style="list-style-type: none"> <li>• We engaged a third-party technical advisor in 2023 to review our GHG, including methane, quantification and reporting practices. A key outcome of this work was increasing confidence in baseline of DNO's methane emissions, which is fundamental for identifying, planning and executing relevant methane reduction activities going forward.</li> </ul>	<ul style="list-style-type: none"> <li>• We will continue to improve the accuracy and coverage of our methane emissions inventory in 2024.</li> <li>• We will also investigate how airborne technologies such as drones may be used to identify and reduce our fugitive methane emissions.</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>• DNO joined the MGP in August 2023, therefore our advocating activities were limited in 2023.</li> <li>• We did not have any direct engagements with the host governments on policy frameworks related to methane emissions. However, we are a member of the Norwegian industry association “Offshore Norge” which is actively engaging with various stakeholders, including the regulatory bodies, on emissions reduction from the oil and gas sector.</li> </ul>	<ul style="list-style-type: none"> <li>• Kurdistan region of Iraq hosts DNO’s main operating assets. We are planning to engage with the regulator in Kurdistan (Ministry of Natural Resources of the Kurdistan Regional Government) in 2024 to help with increasing awareness and contribute to building a fit-for-purpose and effective regulatory framework to tackle methane emissions in the oil and gas sector of Kurdistan.</li> <li>• We will also advocate through our membership in the Association of Petroleum Industry of Kurdistan (APIKUR), for increased industry engagement in the regulatory and policy space to tackle methane emissions from the upstream 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>• We are not currently a signatory to the Oil &amp; Gas Methane Partnership 2.0 (<a href="#">OGMP 2.0</a>). We joined the Methane Guiding Principles (MGP) in August 2022 as part of our efforts to step up our methane reduction activities.</li> <li>• We have transparently reported our greenhouse gas, including methane, emissions and have them verified (limited assurance) by a third party since 2014. Methane emissions have been historically less relevant to DNO's operations compared to CO2 because the lion's share of our production has been oil (and therefore, lower methane emissions).</li> </ul>	<ul style="list-style-type: none"> <li>• We will review how joining the OGMP can contribute to our efforts for reducing our own and the industry's methane emissions (mainly in the Kurdistan region of Iraq where we are the largest international oil company) as well as how it can help global efforts to reduce methane emissions from the oil and gas sector.</li> </ul>

<p>Do you report absolute methane emissions within your sustainability report? <i>If so, provide link.</i></p>	<p>Yes <a href="https://www.dno.no/en/investors/reports-and-presentations/">https://www.dno.no/en/investors/reports-and-presentations/</a></p>
<p>Do you report a methane intensity within your sustainability report? <i>If so, provide link.</i></p>	<p>No This is not relevant to DNO because gas sale from DNO operated fields have been zero since 2020. Therefore, defining methane intensity has not been relevant.</p>
<p>What is your organization's total absolute methane emissions? Provide a figure in tons. Provide latest data publicly available.</p>	<p>2023 data are on Company's website via the link below: <a href="https://www.dno.no/en/investors/reports-and-presentations/">https://www.dno.no/en/investors/reports-and-presentations/</a></p>
<p>State your methodology.</p>	<p>We use operational control for quantifying and reporting our methane emissions.  Our greenhouse gas quantification follows the "<i>Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard.</i>"</p>
<p>State your reporting boundary.</p>	<p>Operational control</p>
<p>What are your organization's methane intensity? Provide latest data publicly available.</p>	<p>Not applicable</p>
<p>State your methodology.</p>	<p>Not applicable</p>
<p>State your reporting boundary.</p>	<p>Not applicable</p>
<p>Do you have a methane emission target? If yes, please state what it is, including the boundaries and methodology.</p>	<p>We do not have a methane emissions target but are investigating to put in place a relevant methane intensity target. As stated before, since gas sale from DNO's operated assets are significantly smaller than oil sale (even zero in some years),</p>



If no, are you developing such a target?  
Please state your intended timeline.

methane intensity target is not very relevant to  
DNO.

## Methane Emissions