



METHANE
GUIDING
PRINCIPLES

Methane Guiding Principles Signatory Reporting

bp

January 2022





COMPANY: **bp**

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

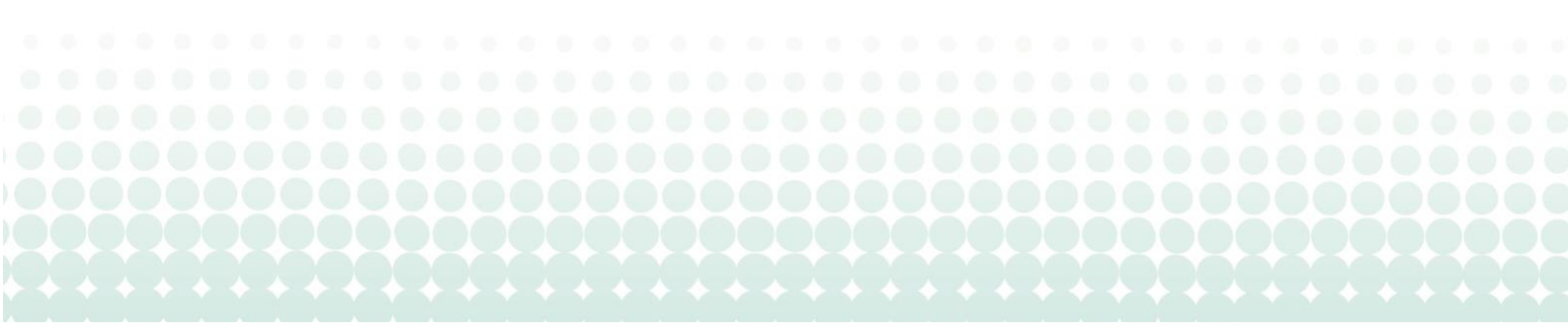
SENIOR REPRESENTATIVE: **Gordon Birrell, EVP Production & Operations**



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>Several of the MGP projects that bp led or supported in 2021 cover “Reductions” but in this document they have been detailed under a different Principle. bp also continues to actively work with our operations and key Non-Operated Joint Venture (NOJV) partners to support and deliver methane reductions. Example activity will be shown in our 2021 Sustainability Report.</p>	<p>Methane Source Identification, Calculation and Mitigation Tool</p> <p>Sponsor: bp Participants: TotalEnergies, ExxonMobil, Repsol, Shell, Equinor, Wintershall Dea and EDF (Chevron, ENI, Rosneft to be confirmed)</p> <p>bp to lead a project to develop a free web tool suitable for use by any oil and gas company. The tool will support identification of relevant methane sources, configuration of those sources, calculation options with traceability, and mitigation by source. It will include development of methane reduction hoppers and abatement curves. This will provide direct and immediate help to NOJVs and smaller operators but also have wider applicability. Funding expected from OGCI which will allow the project to be run with a third party technical consultancy and / or web developer.</p>



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.

2021 completed activity	2022 intended activity
<p>NOJV: Partner Collaboration Campaign (PCC)</p> <p>Sponsor: bp Participating: Equinor, Shell, Wintershall Dea and TotalEnergies</p> <p>To identify shared NOJV partners among MGP signatories where a meaningful methane reduction opportunity exists. Jointly develop a compelling offer and engagement plan for the partner and collaborate with the partner to develop and execute a methane emissions reduction plan. bp identified 2 NOJVs under MGP with other MGP participants involved with 3 additional NOJVs.</p> <p><i>ON-GOING PROJECT</i></p>	<p>NOJV: PCC continued</p> <p>Continue engagements and then move towards site specific development of methane reduction hoppers and delivery plans, and increased participation across MGP.</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
<p>Project: Methane from Flares</p> <p>Sponsor: bp, Rosneft Participants: 27 companies including non-MGP signatories</p> <p>Project initiated in 2021 to develop a web tool to support improvement in the reporting of methane from flares. The tool - based on user input to describe their flare in terms of location, type, size, controls – identifies suitable proven solution or technologies to improve overall measurement and reporting of methane emissions. The project is expected to finish in 1Q 2022.</p> <p><i>ON-GOING PROJECT</i></p>	<p>Project: Methane from Flares continued</p> <p>Continuation of the project with tool expected finalised in 1Q 2022 and provision for updating late 2022.</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>EU Methane Strategy</p> <p>Sponsor: EDF, Shell Participants: bp and others</p> <p>A series of papers drafted to support the EU methane regulations process covering leak detection and repair, measurement, reporting and verification, flaring & venting and gas import into Europe. bp participated in all the papers, leading on the flaring & venting one.</p> <p><i>COMPLETED</i></p>	<p>Oil & Gas toolkit: Global Methane Pledge</p> <p>Sponsor: IEA Participants: bp, EDF, Shell, ExxonMobil + others to be confirmed</p> <p>The Global Methane Pledge (GMP) aims to reduce global methane emissions by 30% by 2030 from 2020 levels, officially launched at COP26 and to date over 100 countries have signed up to it. This project would support operationalisation of the GMP, focusing on the oil and gas sector contribution (MGP's Principle 4 on Advocacy). The plan is to develop an oil and gas sector toolkit aiming to support governments that have signed up to the GMP with delivering their methane emission reductions contributions towards the global GMP goal leveraging existing IEA and MGP resources and the targeting prioritised countries and delivering engagement and support sessions such as workshops</p> <p><i>Formal decision to participate pending once fuller details on expectations, resourcing and deliverables are provided</i></p>



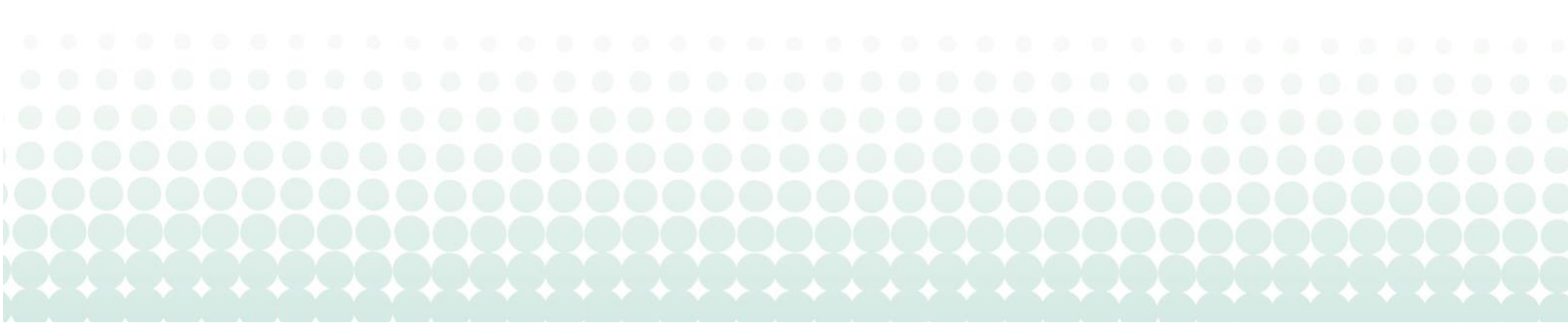
Principle Five: Increase transparency

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>NOJV: Points of Contact</p> <p>Sponsor: Repsol Participants: bp, Shell, ENI, Wintershall Dea, TotalEnergies.</p> <p>Create an elevation process for methane / GHG data requests between MGP companies where local efforts have been exhausted. This will aid in ensuring that accurate, timely and transparent methane data is provided to our MGP NOJV partners.</p> <p><i>COMPLETED</i></p> <p>NOJV: Shaping Future Deals</p> <p>Sponsor: EDF Participants: bp, Shell, ENI, ExxonMobil, and Chevron.</p> <p>The initiative aims to influence the inclusion of GHG emissions reduction terms in future joint operating agreements. This working group has successfully completed the objectives and developed a set of GHG tiered contract clauses which were adopted within the Association of International Petroleum Negotiators (AIPN) model contract drafting working group.</p> <p><i>COMPLETED</i></p>	<p>Deploy GHG Language Future & existing NOJVs</p> <p>Sponsor EDF and ExxonMobil Participants bp and other to be confirmed</p> <p>Use the GHG Model Clause Guidance language developed in 2021 in creative ways to influence live and future deals and drive changes in existing NOJVs.</p>

Methane Emissions



<p>Do you report absolute methane emissions within your sustainability report? <i>If so provide link.</i></p>	<p>Yes. More details on our 2020 performance are detailed in bp's Sustainability Report (SR) [pages 38 and 39] and Environment, Social, and Governance (ESG) datasheet (ESG datasheet 2020 (bp.com))[page 6].</p>
<p>Do you report a methane intensity within your sustainability report? <i>If so provide link.</i></p>	<p>Yes. More details on our 2020 performance are detailed in bp's SR [pages 38 and 39] and Environment, Social, and Governance (ESG) datasheet (ESG datasheet 2020 (bp.com))[page 6].</p>
<p>What are your organisation's total absolute methane emissions? Provide a figure in tonnes. Provide latest data publicly available.</p>	<p>2020 Reporting Year, direct methane, scope 1 Operated boundary = 74,775 te Equity share boundary = 89,599 te More details on our 2020 performance are detailed in bp's SR [pages 38 and 39] and ESG datasheet (ESG datasheet 2020 (bp.com))[page 6].</p>
<p>State your methodology.</p>	<p>Details can be found in the Basis of reporting document (Basis of reporting) [page 5].</p>
<p>State your reporting boundary.</p>	<p>Details can be found in the ESG datasheet (ESG datasheet 2020 (bp.com))[page 6].</p>
<p>What are your organisation's methane intensity? Provide latest data publicly available.</p>	<p>In 2020 our reported methane intensity was 0.12 %. Details on our methane intensity and performance are published in our SR – pages 38 and 39.</p>
<p>State your methodology.</p>	<p>Methodology aligns with the Oil & Gas Climate Initiative methodology. Details can be found in the Basis of reporting document (Basis of reporting) [page 11].</p>
<p>State your reporting boundary.</p>	<p>Covers our operated upstream assets with a few, minor exclusions. Details can be found in the Basis of reporting document (Basis of reporting) [page 11].</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>bp announced, in Sept 2020, a new methane intensity target of 0.20% by 2025 using our measurement approach. This utilises our new methane measurement hierarchy [see link here] By 2023 we aim to have assessed all operated in-scope assets against the hierarchy and deployed appropriate quantification and detection technologies. In our 2021 reporting cycle we expect to be able to provide a progress update. Details on 2020 performance are described in our SR – page38 and 39.</p>

