



METHANE
GUIDING
PRINCIPLES

Methane Guiding Principles Signatory Reporting

bp

Dec 2022



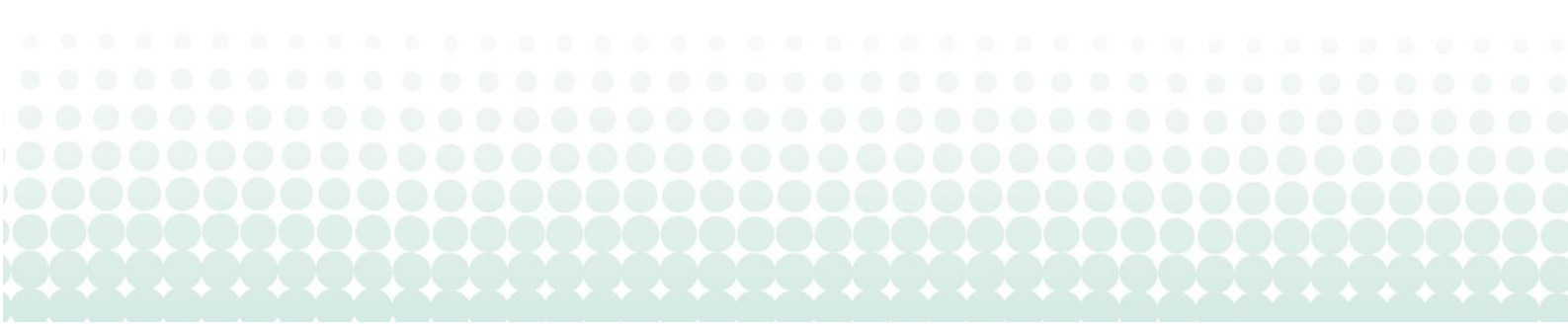


COMPANY: **bp**

DATE: **Dec 2022**

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

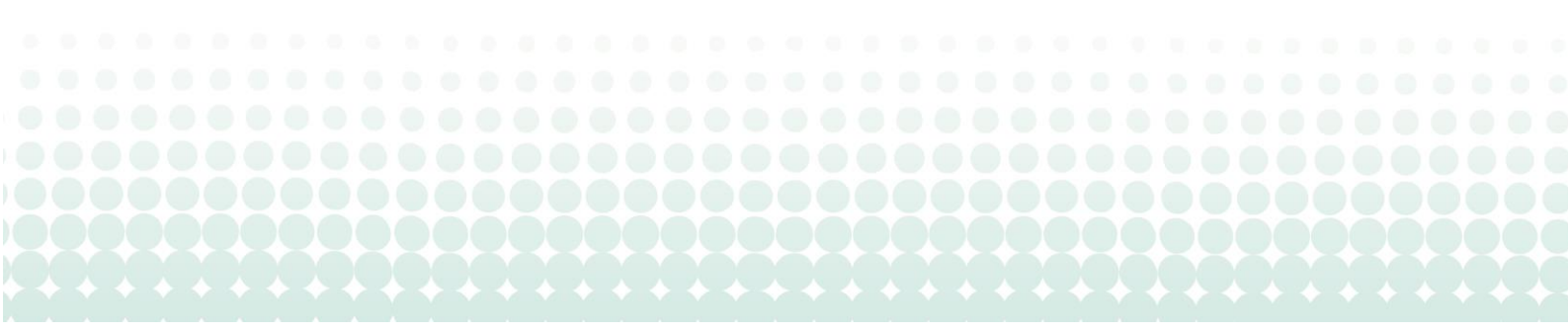
SENIOR REPRESENTATIVE: **Gordon Birrell, EVP Production & Operations**



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.

2022 completed activity	2023 intended activity
<p>Methane Source Identification, Calculation and Mitigation Tool</p> <p>Sponsor: bp</p> <p>Participants: TotalEnergies, Exxon, Repsol, Equinor, Wintershall and EDF, OGUK, MiQ, Chevron, UNEP</p> <p>bp led a project to enhance a third-party, free to use web tool by any O&G company to support identification of relevant methane sources, configuration and calculation of those sources, and then mitigation potential by source.</p> <p><i>COMPLETE</i></p>	<p>Methane Source Identification, Calculation and Mitigation Tool – Phase 2</p> <p>Sponsor: bp</p> <p>Participants: UNEP, OGCI others tbc</p> <p>Continuation of the 2022 project with focus on launch of Upstream, expansion to mid and /or downstream sector as well as further development of the mitigation capability</p>



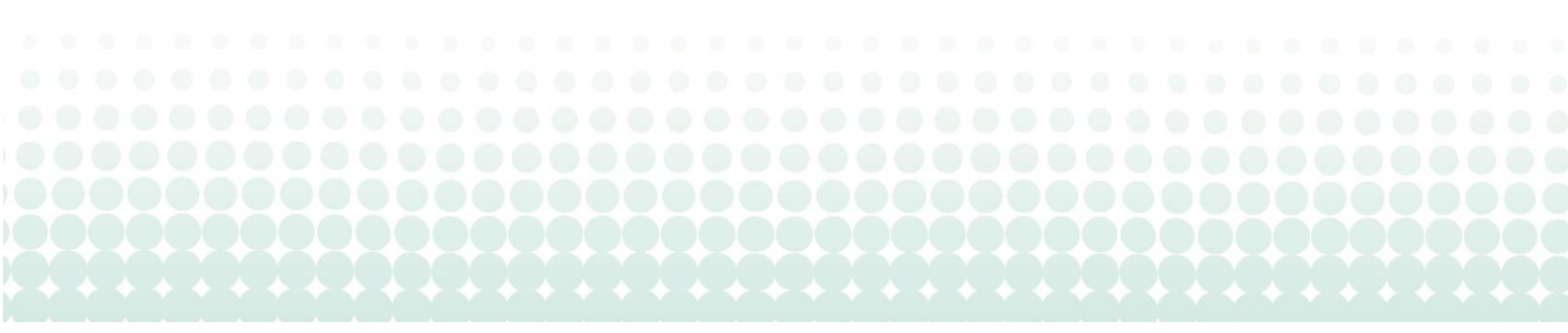
Principle Two:

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.

2022 completed activity	2023 intended activity
<p>NOJV: Partner Collaboration Campaign (PCC)</p> <p>Sponsor: bp Participating: Chevron, ENI, Equinor, Oxy, Shell, TotalEnergies and Wintershall Dea</p> <p>To identify shared NOJV partners among MGP signatories where a meaningful methane reduction opportunity exists then 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>Identify shared JV partner(s) among MGP signatories and/or focus country where a meaningful methane reduction opportunity exists; jointly develop a compelling offer and engagement plan;</p> <p>NOJV: Managing and Reducing GHGs in Future JVs</p> <p>Sponsor: EDF, Exxon Participating: bp, Chevron, ENI, Repsol, Shell, TotalEnergies, Woodside</p> <p>Finalize AIEN approval of model JOA GHG clause guidance; look for opportunities to incorporate the draft language developed into live deals</p> <p>NOJV: Managing and Reducing GHGs in Existing JVs</p> <p>Sponsor: EDF, Exxon Participating: bp, Repsol, Woodside</p> <p>Use the draft AIEN GHG clause guidance in creative ways to drive changes in existing joint venture</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.

2022 completed activity	2023 intended activity
<p>Project: Methane from Flares</p> <p>Sponsor: bp, Rosneft Participants: 27 companies inc. non-MGP signatories</p> <p>Toolkit launched in 2022 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.</p> <p><i>COMPLETED</i></p>	<p>Embedding Methane across O&G Value Chain</p> <p>Sponsor: IOGP, EI Participating: Beijing Gas, bp, EDF, Enagas, Energy Community, ENI, OGCI, Schlumberger, Shell, Wintershall Dea</p> <p>Embed methane management best practices within the operations of oil and gas companies worldwide as a result of targeted outreach and engagement.</p>
<p>Embedding Methane across O&G Value Chain</p> <p>Sponsor: IOGP, EI Participating: Beijing Gas, bp, EDF, Enagas, Energy Community, ENI, OGCI, Schlumberger, Shell, Wintershall Dea</p> <p>xxxxx</p> <p><i>ON-GOING PROJECT</i></p>	



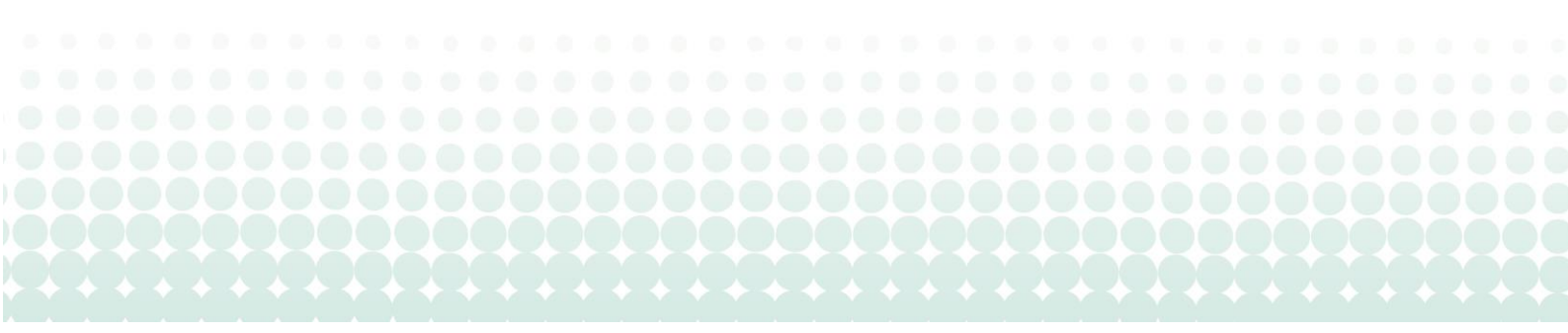
Principle Four:

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.

2022 completed activity	2023 intended activity
<p>Oil & Gas toolkit: Global Methane Pledge</p> <p>Sponsor: IEA Participants: bp, EDF, Shell, Exxon + others tbc</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 O&G sector contribution (MGP’s Principle 4 on Advocacy). The plan is to develop an O&G 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>COMPLETE</p>	<p>Operationalising the Global Methane Pledge</p> <p>Sponsor: Exxon Participants: bp, Chevron, MiQ, OEUK, RMI and Shell</p> <p>Jumpstart action toward emissions reductions and policy adoption, with MGP member leadership. MGP members take on a leading role in specific countries working with relevant NOCs and governments to achieve emission reductions through adoption of a regulatory framework based on global industry best practices</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.

2022 completed activity	2023 intended activity
<p>Deploy GHG Language Future & existing NOJVs</p> <p>Sponsor EDF and Exxon Participants bp plus other tbc</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>	<p>Covered under other Principles</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 2021 performance are detailed in bp’s SR [pages 25 and 26] and Environment, Social, and Governance (ESG) datasheet (ESG datasheet 2021 (bp.com)) [page 4-5].</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 2021 performance are detailed in bp’s SR [pages 25 and 26] and Environment, Social, and Governance (ESG) datasheet (ESG datasheet 2021 (bp.com)) [page 4-5].</p>
<p>What are your organisation’s total absolute methane emissions? Provide a figure in tonnes. Provide latest data publicly available.</p>	<p>2021 Reporting Year, direct methane, scope 1 Operated boundary = 45,209 te Equity share boundary = 69,839 te More details on our 2021 performance are detailed in bp’s SR [pages 25 and 26] and Environment, Social, and Governance (ESG) datasheet (ESG datasheet 2021 (bp.com)) [page 4-5].</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 2021 (bp.com)) [page 4-5]. and Basis of Reporting</p>
<p>What are your organisation’s methane intensity? Provide latest data publicly available.</p>	<p>In 2021 our reported methane intensity was 0.07 %. Details on our methane intensity and performance are published in our SR – pages 25 and 26.</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 13].</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 13].</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. By 2023 we aim to deployed appropriate quantification technologies across all in-scope operated assets. In our 2022 reporting, we expect to be able to provide a progress update. Details on 2021 performance are described in our SR – page 25 and 26.</p>