



METHANE
GUIDING
PRINCIPLES

Methane Guiding Principles Signatory Reporting

Chevron

January 15th 2021





COMPANY: **Chevron Corporation**

DATE: **January 15th 2021**

YEAR OF JOINING METHANE GUIDING PRINCIPLES: **May 2018**

SENIOR REPRESENTATIVE: **Bruce Niemieyer**



Principle One: Continually reduce methane emissions

Historical completed activity	2021 intended activity
<p>Chevron supports development of innovative technologies to reduce emissions:</p> <ul style="list-style-type: none"> • Since 2018, we've established a \$100 million future energy fund, and contributed a \$1 billion to the OGCI innovation fund to pursue innovative technologies that could reduce methane emissions and be a part of the future energy mix. • As part of the Collaboratory to Advance Methane Sciences, Chevron has worked with other operators to study the potential for aerial leak detection surveys in the Permian Basin. • Chevron partnered with the NASA Jet Propulsion Laboratory to test one of the first aerial detection technologies for methane, which has been used in studies throughout the US. <p>Other historic actions include:</p> <ul style="list-style-type: none"> • leak detection & repair: using innovative technology and data collection • equipment upgrades: low/no-bleed pneumatic devices and vapor recovery systems • centralized facilities: that create smaller footprints and quicker responses to leaks and losses • flare reduction: industry-leading performance in flare reduction in the Permian basin • industry collaboration: working with peers to develop innovative technologies and best practices. <p>You can read more in our 2020 CSR report: https://www.chevron.com/-/media/shared-media/documents/2019-corporate-sustainability-report.pdf</p>	<p>Chevron supports development of innovative technologies to reduce emissions:</p> <ul style="list-style-type: none"> • We've announced an expected investment of \$100 million in 2021 for lowering our carbon intensity. • As part of the Collaboratory to Advance Methane Sciences, Chevron is working with other operators to understand the emissions sources from LNG shipping. <p>Other planned actions include:</p> <ul style="list-style-type: none"> • leak detection & repair: using innovative technology and data collection • centralized facilities: that create smaller footprints and quicker responses to leaks and losses • industry collaboration: working with peers to develop innovative technologies and best practices. <p>You can read more in our 2020 CSR report: https://www.chevron.com/-/media/shared-media/documents/2019-corporate-sustainability-report.pdf</p>



What are your organisation’s total methane emissions?

Historical completed activity	2021 intended activity
<ul style="list-style-type: none"> Total methane emissions are reported in our Sustainability Report: Performance — Chevron.com <p>See more detail in our climate disclosure report: Climate Change Resilience: A Framework for Decision Making (p 38)</p>	<ul style="list-style-type: none"> Total methane emissions are reported in our Sustainability Report: Performance — Chevron.com <p>See more detail in our climate disclosure report: Climate Change Resilience: A Framework for Decision Making (p 38)</p>

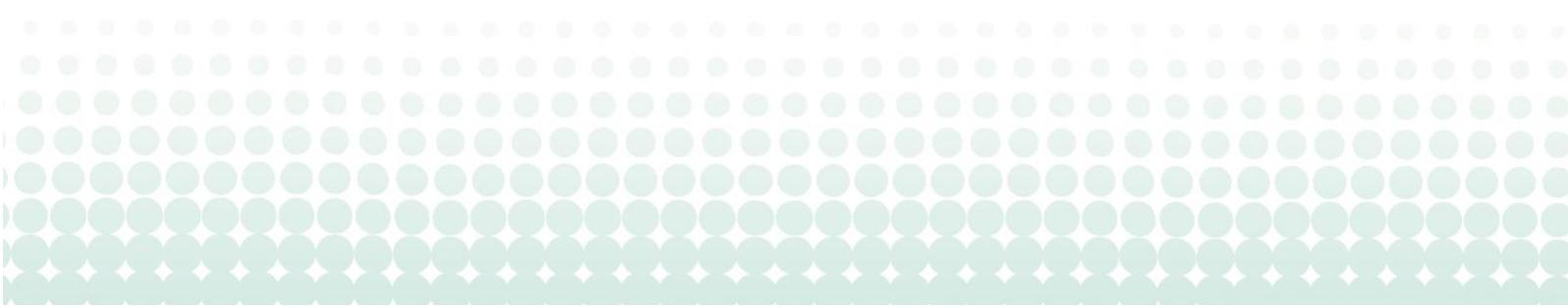
Does your organisation report methane intensity?

If so, please specify the intensity.

Historical completed activity	2021 intended activity
<p>Chevron has established goals to reduce equity net GHG emission intensity from Upstream and natural gas. We report methane intensity in our sustainability report. Our 2019 data can be found here: 2019 Corporate Sustainability Report (chevron.com)</p> <p>See updated* metrics in our updated 2019 climate disclosure report: update-to-climate-change-resilience.pdf (p. 18)</p>	<p>Chevron has established goals to reduce equity net GHG emission intensity from Upstream and natural gas.</p> <ul style="list-style-type: none"> We continue to take action to further reduce methane emissions and have set a target to reduce methane intensity 20-25% by 2023. (Based on 2016 emissions) Achieving this target is tied to the compensation of all our executives and nearly all of our global employees. <p>See updated* metrics in our updated 2019 climate disclosure report: update-to-climate-change-resilience.pdf (p. 18)</p>

Do you have a methane emission target?

Historical completed activity	2021 intended activity
<p>Our targets are also available on our sustainability site:</p> <p>Chevron Greenhouse Gas Management — Chevron.com</p>	<p>Our targets are also available on our sustainability site:</p> <p>Chevron Greenhouse Gas Management — Chevron.com</p>



Principle Two:

Advance strong performance across the gas supply chain

Historical completed activity	2021 intended activity
<p>Chevron collaborates with industry and peers to develop new innovative technologies and best practices, some examples:</p> <ul style="list-style-type: none"> • Chevron is a member of the Oil and Gas Climate Initiative, which is committed to industry leading methane performance with a collective upstream methane intensity target below 0.25%, with the ambition to achieve 0.2% by 2025. • Chevron partners with CalBio and Brightmark to produce and market renewable natural gas, helping reduce agricultural methane emissions while providing lower-carbon fuels to our customers. • We are a proud founding member and chair for The Environmental Partnership, a voluntary industry effort to cut U.S. methane emissions. In 2019, members of the initiative conducted 184,000 leak detection surveys and replaced over 13,000 pneumatic controllers with low/ non-emitting technology. • Chevron is an active participant of the World Bank's Global Gas Flaring Reduction Public Private Partnership (GGFR) voluntary standard which has recently partnered with the Payne Institute for Public Policy at the Colorado School of Mines to develop a transparent web platform to support real-time mapping and tracking of global gas flaring data. • Chevron serves on the Industrial Advisory Board of Methane Emissions Test and Evaluation Center (METEC), a Colorado State University and US Department of Energy advanced research facility to test low-cost methane sensing technologies. 	<p>In 2021, Chevron will participate in the Methane Guiding Principles Non- Operated Joint Venture initiative.</p> <p>Chevron collaborates with industry and works with peers to develop innovative technologies and best practices, some examples:</p> <ul style="list-style-type: none"> • Chevron is a member of the Oil and Gas Climate Initiative, which is committed to industry leading methane performance with a collective upstream methane intensity target below 0.25%, with the ambition to achieve 0.2% by 2025. • We are a proud founding member and chair The Environmental Partnership, a voluntary industry effort to cut U.S. methane emissions, conducting 184,000 leak detection surveys and replacing over 13,000 pneumatic controllers with low/ non-emitting technology. • Chevron is an active participant of the World Bank's Global Gas Flaring Reduction Public Private Partnership (GGFR) voluntary standard which has recently partnered with the Payne Institute for Public Policy at the Colorado School of Mines to develop a transparent web platform to support real-time mapping and tracking of global gas flaring data. • Chevron serves on the Industrial Advisory Board of Methane Emissions Test and Evaluation Center (METEC), a Colorado State University and US Department of Energy advanced research facility to test low-cost methane sensing technologies.

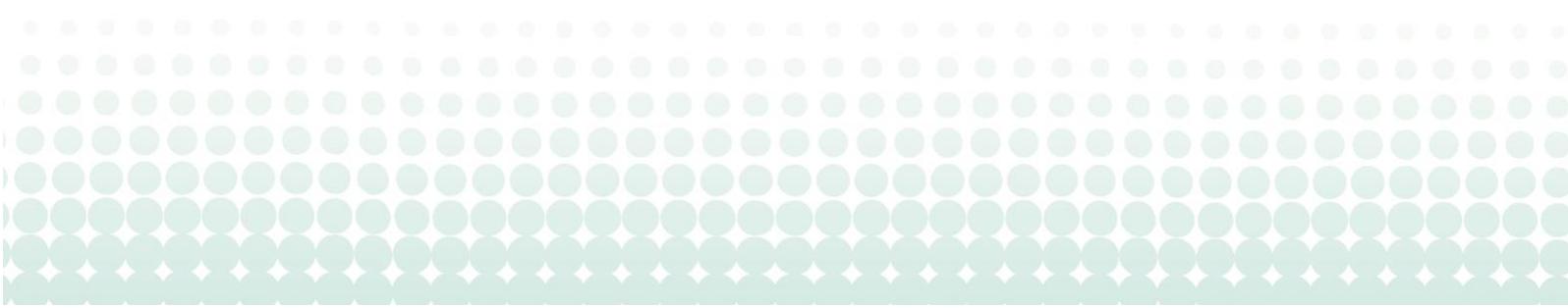


Principle Three:
Improve accuracy of methane emissions data

Historical completed activity	2021 intended activity
<ul style="list-style-type: none"> In 2018, Chevron became a member of Collaboratory to advance methane science (CAMS), an industry-led collaborative research consortium working to advance methane science to better understand methane emissions solutions. 	<p>We participate in industry initiatives aimed at improving accuracy of emissions data.</p> <ul style="list-style-type: none"> In 2018, Chevron became a member of Collaboratory to advance methane science (CAMS), an industry-led collaborative research consortium working to advance methane science to better understand methane emissions solutions.

Principle Four:
Advocate sound policy and regulations on methane emissions

Historical completed activity	2021 intended activity
<p>Chevron supports well-designed and properly enacted methane regulation, in the energy industry and in other key emitting sectors:</p> <ul style="list-style-type: none"> Performance-based regulation: policy should set appropriate methane targets, while providing flexibility for companies to determine the optimal way to meet those targets. Technological innovation: policy should flexibly incorporate new and future technologies, such as aerial and drone monitoring, which can identify and address methane emissions most effectively. Industry best practices: methane emissions are disproportionately concentrated among a small number of operators, sites, and equipment. Reasonable minimum equipment standards help ensure all operators are working to curtail methane emissions. All sectors contributing: improving methane emissions performance is important for oil and natural gas sector (28% of U.S. methane emissions), as well as other sectors (which make up the remaining 72%). Policy should apply to all key sectors. 	<p>Chevron supports well-designed and properly enacted methane regulation, in the energy industry and in other key emitting sectors:</p> <ul style="list-style-type: none"> Performance-based regulation: policy should set appropriate methane targets, while providing flexibility for companies to determine the optimal way to meet those targets. Technological innovation: policy should flexibly incorporate new and future technologies, such as aerial and drone monitoring, which can identify and address methane emissions most effectively. Industry best practices: methane emissions are disproportionately concentrated among a small number of operators, sites, and equipment. Reasonable minimum equipment standards help ensure all operators are working to curtail methane emissions. All sectors contributing: improving methane emissions performance is important for oil and natural gas sector (28% of U.S. methane emissions), as well as other sectors (which make up the remaining 72%). Policy should apply to all key sectors.





Principle Five:
Increase transparency

Historical completed activity	2021 intended activity
See updated* metrics in our updated 2019 climate disclosure report: update-to-climate-change-resilience.pdf (p. 18)	See updated* metrics in our updated 2019 climate disclosure report: update-to-climate-change-resilience.pdf (p. 18)

Commentary:

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