



METHANE
GUIDING
PRINCIPLES

Methane Guiding Principles Signatory Reporting

Wintershall Dea
January 15th 2021



COMPANY: **Wintershall Dea**

DATE: **January 15th 2021**

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

SENIOR REPRESENTATIVE: **Mario Mehren (CEO)**

WORKING LEVEL REPRESENTATIVE: **Julia Schmitt, Thomas Höllbacher**



Principle One:
Continually reduce methane emissions

2020 completed activity	2021 intended activity
<ul style="list-style-type: none"> • Power from shore for our offshore installation in Germany. • Usage of renewable energy in our German assets. • Implementation of Leak Detection And Repair (LDAR) programs in our operated assets (Norway, Netherlands). • Identified and completed planning several projects to increase efficiency of offshore compressors by installation of high efficiency filters in Netherlands (NL). • Shut down offshore production platforms in NL. 	<ul style="list-style-type: none"> • Implementation of LDAR programs in our operated assets not yet covered by such a system (Germany, Mexico, Argentina). • Execution of several facility upgrades in Norway and NL to avoid/mitigate flaring and venting. • Building of a pipeline in Argentina to gas processing plant to avoid flaring during unconventional development in Vaca Muerta. • Investment into a vapour recovery unit in Mexico. • Restart of the gas utilization plant in Libya to eliminate flaring. • Cooperate with Gazprom to increase the efficiency of the energy used in gas compression in Russia. • Initiate investment into power from shore for our offshore assets in Norway and NL. • Execution of several projects to increase efficiency of offshore compressors by installation of high efficiency filters in NL.

What are your organisation’s total methane emissions?

2020 completed activity	2021 intended activity
<p>See Wintershall Dea (WD) sustainability report on this site: WD sustainability performance reporting.</p>	<p>2020 Sustainability report planned to be published on 24. February 2021.</p>



**Does your organisation report methane intensity?
If so, please specify the intensity.**

2020 completed activity	2021 intended activity
<ul style="list-style-type: none"> • 2019, reference is made to WD sustainability report. • WD calculates its methane intensity according to the OGCI methodology. 	<p>Will be stated in 2020 Sustainability Report.</p>

Do you have a methane emission target?

2020 completed activity	2021 intended activity
<p>WD targets a 0.1 methane intensity (OGCI methodology) by 2025 and net zero (scope1 and 2, equity based) GHG emissions by 2030.</p>	<p>Progress to the WD target are reported in the Sustainability Report.</p> <p>Actions that have resulted in reduction of emissions are also published in the Sustainability Report 2020 report available 24.2.21.</p>



Principle Two:

Advance strong performance across the gas supply chain

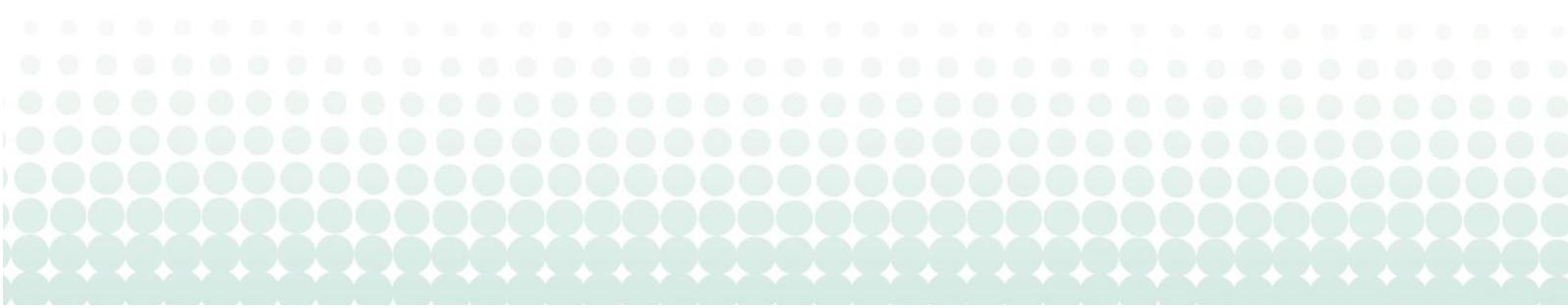
2020 completed activity	2021 intended activity
<ul style="list-style-type: none"> • Methane Guiding Principles Executive Class held, together with Eurogas, undertaken by SGI, on Nov 10, 2020. • Policy Panel with Eurogas, with participation of EDF and European Commission Representatives, on Nov 10, 2020 (more that 500 registered participants). • Participation in numerous webinars (e.g. EDF, FSR, European Commission hosted) regarding measurements and reduction of methane emissions, held throughout 2020. • Held internal workshops with all relevant Business Units on emission targets and WD’s engagement in industry initiatives (IPIECA, MGP, OGMP). • Participation of three of our experts in the MGP “Adressing Methane Emissions from Non-Operated Joint Ventures” workshop series in June 2020. • Internal: Achieved increased level of awareness of methane management. • External: established communication lines in course of Executive Class, very positive feedback, high level of interest. 	<ul style="list-style-type: none"> • Depending on coronavirus situation: organize internal masterclass for asset manager/technical working level. and run an executive class in Latin America. • Participation in 3 Methane Guiding Principles Non-Operated Joint Ventures (NOJV) initiatives. • Follow roadmap towards OGMP 2.0 level 4/5 standard – align with relevant NOCs, partners and asset managers.



Principle Three:

Improve accuracy of methane emissions data

2020 completed activity	2021 intended activity
<ul style="list-style-type: none"> • Implementation of several different LDAR programs in operated assets (Norway, Netherlands). • Level 5 methane emission measurements by ship (Netherlands) and aircraft (Norway) in offshore European assets. 	<ul style="list-style-type: none"> • Implementation of environmental software 'Sphera' covering OGMP level 1 – 5 reporting on methane emissions. • Implementation of LDAR programs in operated assets not yet covered by such a system (Germany, Mexico, Argentina). • Initiate bottom-up measurement campaign with Gazprom in our Russian Joint Ventures. • Extend level 5 top down emission measurement to selected offshore assets. • Survey selected onshore production assets with satellite technology.



Principle Four:

Advocate sound policy and regulations on methane emissions

2020 completed activity	2021 intended activity
<ul style="list-style-type: none"> • Active participation in IPIECA flaring reduction task force. • Signing and advocating the European Policy Proposals on Methane Emissions (May 2020), shared with the Federal Ministry of Economics, Federal Ministry for the Environment, Federal Chancellery, German Permanent Representation to Brussels, Members of Parliament (Germany), Members of European Parliament, German and European energy associations. • Continuous discussion with relevant German ministries on a sound and ambitious methane policy, also with a view on its international promotion. • Executive class together with Eurogas, operated by SGI (besides WD partners and Eurogas stakeholders, participation of German Bundesnetzagentur and Federal Ministry of Economics). • Participation in German and European associations' expert groups on methane emissions, promoting an ambitious stance on avoiding methane emissions. • Policy Panel with Eurogas (see above under 2), with promotion of the European policy proposals signed by WD in May 2020. • Active participation in webinar on methane emissions (speaker role in webinar by Deutsche Umwelt Hilfe/EDF, additional speakers: Members of German Parliament, DUH, Federal Ministry of Economics, EDF). • Promotion of our new methane intensity target for 2025 among political stakeholders (e.g. by our energy newsletter). 	<ul style="list-style-type: none"> • Continuing the promotion of the European policy proposals with a view on shaping the implementation of the European Methane Strategy. • Continued promotion of an ambitious methane policy in Germany, e.g. by our regular energy newsletter (distributed widely among political stakeholders). • Continued active participation in webinars and workshops on methane emissions, searching for active speaker opportunities. • Continued engagement in a number of German and European association expert groups on methane emissions. • Participation in a high level conference of the German Federal Ministry of Economics on methane emissions (February 2021). • Promotion of and support for international activities of the German government with a view to promoting an ambitious methane policy on a worldwide scale.

Principle Five: Increase transparency

Historical completed activity	2021 intended activity
Joined OGMP 2.0 in November 2020. Participated actively in task forces and shadow groups (topics covering a reporting template, uncertainty and reconciliation, and technical guidance documents).	Provide methane emission data according to OGMP reporting template.

Commentary:

A large part of the Wintershall Dea portfolio and production is partner- or Joint Venture-operated. We consider it of crucial importance to work jointly with our partners and set the focus as a first step on Measurement, Reporting and Verification, to be able to act on key sources of emissions. Getting the baseline right and learning about emission sources and volumes will aid to in building understanding of the importance of methane management, and ultimately help us in scoping and executing high impact reduction projects.