



**OGMP2.0-WIDE FACTSHEET**

The charts on the left show total methane emissions reported by OGMP2.0 member companies in 2024 based on 2023 data across all segments and companies. It depicts aggregate share of emissions by reporting level and operatorship as well as total emissions in million tonnes. The dotted pattern indicates that the data reported by companies has missing information (at least one applicable emission source not reported) for those assets.

In these initiative-wide graphs, emissions and reporting levels represent the emissions on a 100% basis for all reported assets. In the individual company factsheets, emissions for non-operated assets are weighed by equity (share as a percentage of the total) that each OGMP2.0 company disclosed for each asset, and the absolute numeric value of emissions in thousand tonnes is shown only for operated assets (on a 100% basis).

For each individual OGMP2.0-member company factsheet:

- For operated assets, graph shows emissions on a 100% basis.
- For non-operated assets, graph shows:
  - emissions, weighted by equity, directly reported by the company, and
  - emissions, weighted by equity, reported by other OGMP2.0 members where the company in question has ownership (if any)
  - total emissions weighted by equity from these non-operated assets will be disclosed in the future.

Additionally, as this is the first report with companies reporting in year 3 (the timeline to achieve Gold Standard Reporting for operated assets is 3 years), two icons were created to differentiate between Gold Standard Pathway and Gold Standard Reporting. If there is no icon under the current reporting year (highlighted in bold) or prior years, this means that the company did not achieve Gold Standard Pathway or Reporting in that year.

Companies may achieve Gold Standard Pathway from their first year of reporting if they establish a methane reduction target, submit an implementation plan and an annual report at asset level. Companies in year 3 of reporting are only eligible for Gold Standard Reporting.

This year, IMEO granted Gold Standard reporting to companies that attempted Level 5, even if those assets were not ultimately recognized at Level 5, provided the company investigated the potential reasons, shared the learnings and submitted a plan to improve. Such assets were recognized at Level 4.

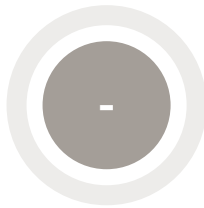
**INDEX**

DATA QUALITY = Reporting levels 1 to 5, where increasing level corresponds to increased use of direct measurements

**SEGMENT**

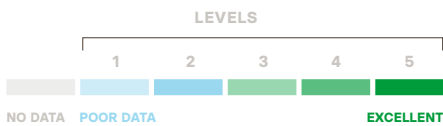
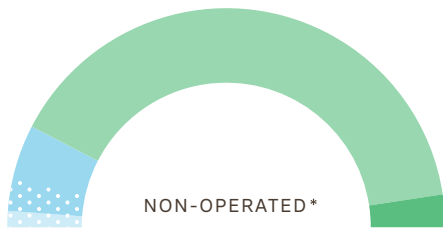
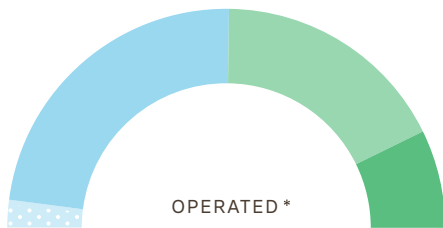


**2025 TARGET**



**DATA QUALITY**

**2023 METHANE EMISSIONS ESTIMATES (Mt)**



\* dotted pattern = incomplete data



**2024**

Gold Standard Pathway



**2024**

Gold Standard Reporting



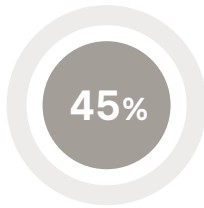
## 2I RETE GAS S.P.A.

2i Rete Gas is the second largest gas distributor in Italy where, at the end of 2023, has come to serve over 4.9 million end clients in more than 2,200 municipalities. In 2023 2i Rete Gas has distributed 5.3 billion cubic meters of natural gas through its 72 thousand km of network.

2i Rete Gas, aiming at minimizing the direct impact of its operations on the environment, is strongly committed to reducing methane fugitive emissions and views the OGMP 2.0 membership as a further stimulus to achieve its targets.

In this regard, over the last three years, the company has intensified its efforts to lower emissions from the network by carrying out extensive leak detection and repair campaigns supported by cutting-edge technology. The results of this activity, in addition to allowing for a more effective identification of dispersions and more timely repair of leaks, also made it possible to acquire a set of information that, in turn, resulted in a more accurate method for quantifying emissions, assessing the actual performance of managed assets and defining data-driven long term CO2e reduction targets.

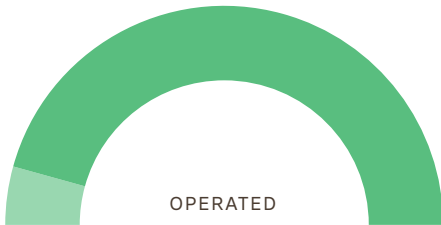
### 2025 TARGET (absolute reduction\*)



\*percentage reduction of annual methane emissions by 2025 based on 2021 estimates

### DATA QUALITY

### 2023 METHANE REPORTED (kt)



### GOLD STANDARD



### INDEX

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### SEGMENT

DOWNSTREAM



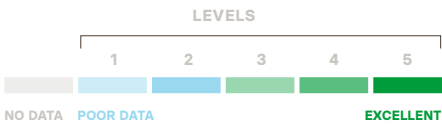
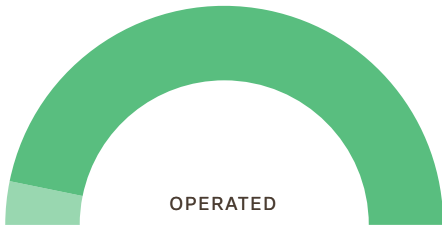
**2025 TARGET (intensity\*)**



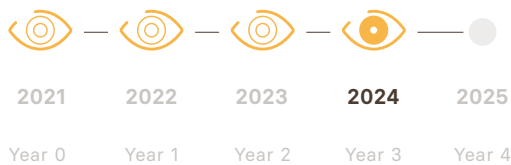
\* per meters of pipelines

**DATA QUALITY**

**2023 METHANE REPORTED (kt)**



**GOLD STANDARD**



**ADRIGAS**

ADRIGAS S.p.A., a company belonging to the SGR Group, is an industrial reality active in the natural gas distribution sector, in which it boasts excellent skills in terms of safety and quality of services. Since 1959 it has been designing, building, and managing a network of gas pipelines mainly located in the Emilia Romagna and Marche regions which today measures over 2,700 kilometers and which has over 800 reduction plants and about 175,000 meters.

The head office is located in Rimini. The activity of ADRIGAS S.p.A. is expressed in a constant commitment to citizens and its 175,000 end customers. Although we are an energy and infrastructure company linked to tradition, we strongly believe in the need to actively operate in the energy transition and our investments are oriented in this direction. Since 2020 Adrigas achieved energy efficiency certificates which led to savings of over 30,000 TOE. Furthermore, the entire SGR group also reported, in 2022, a cumulative value relating to avoided CO2 emissions equal to 33,230 tons (starting report in 2015)

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**SEGMENT**

**DOWNSTREAM**



**CHINA GAS HOLDINGS LIMITED**

CHINA GAS HOLDINGS LIMITED China Gas Holdings Limited ("China Gas"), listed on the Main Board of the Hong Kong, is one of the largest multiregional integrated energy supply and service companies in China. The Company has built a comprehensive business development structure that is led by the pipeline natural gas business, LPG, LNG, propane micropipeline network, hydrogen energy development, and utilization, low-carbon comprehensive energy services, energy internet operation, gas equipment and kitchen appliance manufacturing, and grid electricity.

China Gas has always adhered to its mission and responsibility of "Uniting People Together and Benefiting Society", consciously integrates corporate social responsibility into its strategy, corporate culture, and production and operation activities, and strives to build a harmonious enterprise.providing clean and convenient energy and services to customers, and seeking happiness for society as a whole.

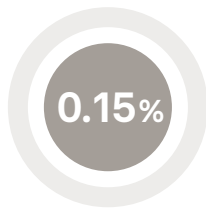
China Gas will adhere to the three major development principles of "maintaining a leading position in the industry, adapting to industry development trends and optimizing business structures, and paying equal attention to accelerating development and strengthening management", and will strive to build a comprehensive energy supply service trend that covers the whole energy, the whole industry, to develop into a world-class comprehensive energy supply service provider and urban and rural green operator with significant social and economic influence.

**2025 TARGET (intensity\*)**



OPERATED

\* maximum amount of annual methane emissions by 2025 as all gas marketed over the annual period

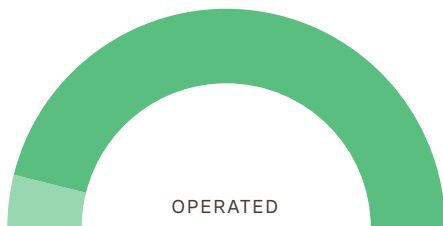


NON-OPERATED

\* maximum amount of annual methane emissions by 2025 as all gas marketed over the annual period

**DATA QUALITY**

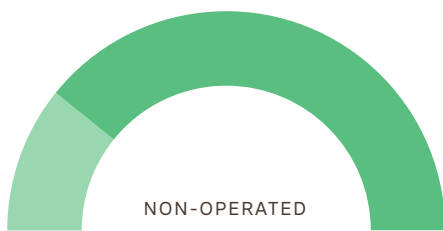
**2023 METHANE REPORTED (kt)**



OPERATED

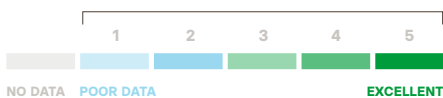


20.7



NON-OPERATED

LEVELS



**GOLD STANDARD**



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**SEGMENT**

**DOWNSTREAM**

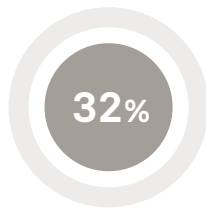


## COTEQ NETBEHEER

Since 1966, the Cogas group has provided energy in the form of electricity, heat and gas to the eastern part of the Netherlands and is situated in Almelo. Coteq Netbeheer is a DSO and part of the Cogas group. Coteq owns a gas distribution grid with a total length of 4444 km that provides gas to 141,513 consumers. Coteq strives to be an excellent DSO by providing a safe and reliable energy infrastructure. The company also aims to support the energy transition in the region and to reduce the impact of the business operations on the environment.

In the Netherlands, all grid operators (TSOs and DSOs) are regulated by the government. Coteq Netbeheer is one of the six DSOs in the Netherlands. These DSOs combine their efforts in the sector association Netbeheer Nederland to learn from each other's experiences and to continuously improve the safety and reliability of the combined networks. Coteq Netbeheer has always put much effort into reducing the amount of gas leakage. Coteq has no grey cast-iron in their gas grids anymore, as in the years before 2013 all the grey cast-iron had been replaced by other materials that cause less leakages. Venting is also strictly limited, stations are multiple times a year maintained and the network monitored. There is a thorough LDAR program in which the whole network is reviewed with a sniffing device. This approach has been developed from a safety perspective. Nevertheless, the obtained insights in the environmental impact of methane emissions combined with the climate goals, make the environmental impact the main argument to reduce the emissions even further.

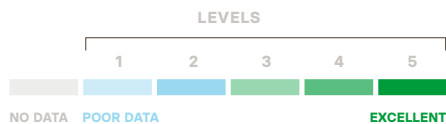
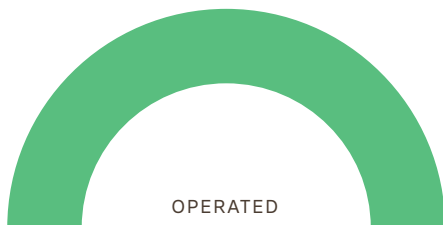
### 2025 TARGET (absolute reduction\*)



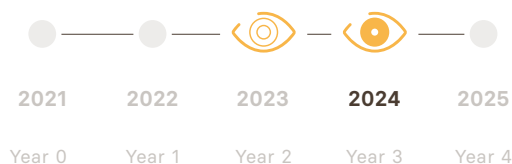
\*percentage reduction of annual methane emissions by 2025 based on 2022 estimates

### DATA QUALITY

### 2023 METHANE REPORTED (kt)



### GOLD STANDARD



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### SEGMENT

DOWNSTREAM

### DISTRIGAZ SUD REȚELE

Distrigaz Sud Retele is the biggest gas distributor within the South of Romania (21 counties and the capital city of Romania, Bucharest).

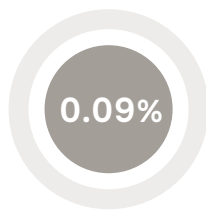
The company has over 2 million customers, 47 years of experience within the gas field and 2,700 specialists working in the company.

Our goal is to provide the gas infrastructure that people need and to maintain and develop the gas distribution network, ensuring that we do this in the most sustainable and responsible way.

Our strategic priorities are industrial safety, environmental protection, assuring the conformity with the legal requirements, economic performance and customer relationships.

By joining the OGMP, Distrigaz Sud Retele aims to reduce methane emissions according to the commitments assumed and improve the process of quantifying methane emissions in order to obtain the gold standard.

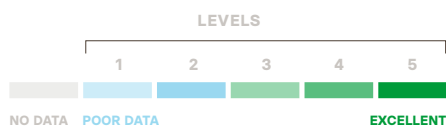
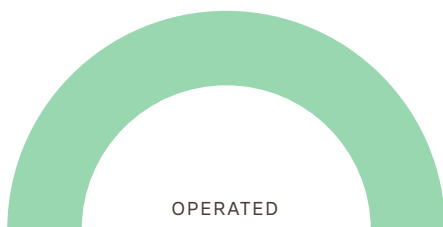
### 2025 TARGET (intensity\*)



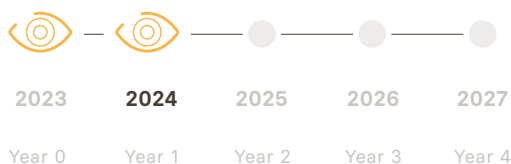
\* maximum amount of annual methane emissions by 2028 as a percentage of marketed gas

### DATA QUALITY

### 2023 METHANE REPORTED (kt)



### GOLD STANDARD



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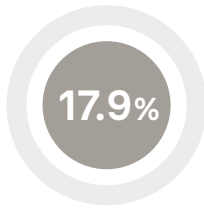
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### SEGMENT

DOWNSTREAM



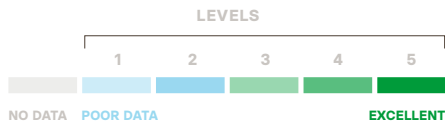
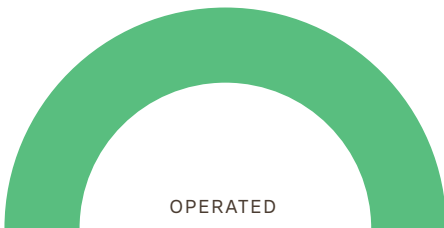
**2028 TARGET (absolute reduction\*)**



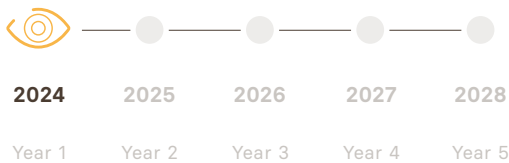
\*percentage reduction of annual methane emissions by 2028 based on 2023 estimates

**DATA QUALITY**

**2023 METHANE REPORTED (kt)**



**GOLD STANDARD**



**ENAON EDA**

ENAON EDA, a dynamic subsidiary of ITALGAS within the ENAON Infrastructure Group, serves as the authorized Natural Gas Distribution Network Operator for a substantial portion of Greece. The company is entrusted with operational duties across multiple regions, as delineated by the Natural Gas Distribution Network Operation Licenses and the associated legal framework. ENAON EDA's operational scope spans across Attika, Eastern Macedonia & Thrace, Central Macedonia, Central Greece, Western Macedonia, Western Greece, Epirus, and Peloponnese.

Additionally, the company oversees gas distribution in the Regional Unit of Thessaloniki and the entire Region of Thessaly. These areas are defined in the Natural Gas Distribution (Gov. Gaz. B' 5922/31.12.2018) and the Natural Gas Distribution Network Operation Licenses (Gov. Gaz. ' 5916/31.12.2018), in compliance with prevailing laws.

At the heart of ENAONS' operational philosophy lies a steadfast commitment to environmental excellence, particularly through the proactive mitigation of methane emissions. This dedication is not only a corporate responsibility but also a strategic imperative ENAON embraces wholeheartedly.

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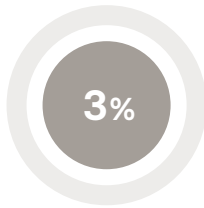
**SEGMENT**

**DOWNSTREAM**



# Energienetze Bayern

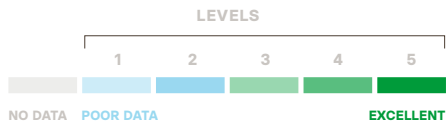
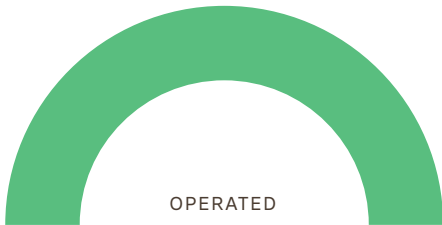
## 2025 TARGET (absolute reduction\*)



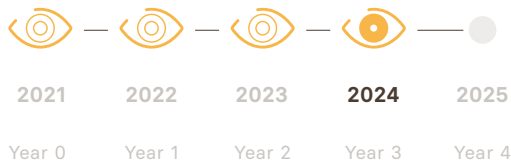
\*percentage reduction of annual methane emissions by 2025 based on 2022 estimates

## DATA QUALITY

## 2023 METHANE REPORTED (kt)



## GOLD STANDARD



## ENERGIENETZE BAYERN

Energienetze Bayern GmbH & Co.KG (ENB) is a gas distribution company, active in the south of Germany in upper and lower Bavaria. ENB is a 100 % subsidiary of Energie Südbayern GmbH with its seat in Munich. ENB distributes 18 TWh of natural gas and biomethane to 155.000 residential, commercial and industrial end-users and connected distribution grids. ENB operates 10.500 km of local and regional gas grids. All cast-iron pipes were substituted in the past years. Due to the high investment of over the last 20 years, 75 % of the grid is made of polyethylene, all steel pipes are equipped with cathodic protection and ENB reports a permanent extremely low rate of methane emissions in its pipeline network.

Joining the OGMP 2.0 in October 2020 was a logical next step in its efforts to measure and quantify the already small proportion of emissions in greater detail and find ways to further reduce them. ENB is committed to follow the path for gold standard. Due to this excellent technical status, the methane intensity has already been reduced to 0,0041 %. Between 2021 and 2023 ENB has increased the measurement efforts especially in the pressure regulations stations, pipeline network and the small local compressors, for which a new German DVGW-lead program has been initiated with several DSO. In addition, new measures were implemented to lower operational emissions by venting and flaring during the construction and repair of distribution grids.

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## SEGMENT

DOWNSTREAM



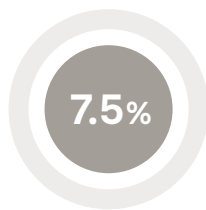


**ENEXIS**

Enexis is a grid operator. We ensure that millions of customers in five provinces in the Netherlands (Groningen, Drenthe, Overijssel, Noord-Brabant and Limburg) have access to electricity and gas every day. 5.490 employees work at Enexis. Beside a safe and reliable energy supply, we are working on increasing the sustainability of the energy system in the Netherlands. On the one hand, by connecting wind farms, solar farms, district heating and charging points for electric mobility and, on the other hand, by working on building the energy system of the future together with our stakeholders. In the future (to be precise no later than in 2050), the Dutch energy system has to be carbon neutral. The government, companies and social organizations have agreed this in the Dutch Climate Agreement. The energy system may then no longer have a negative effect on the climate. This is possible when the switch is being made to renewable energy sources, such as green gas and hydrogen.

Enexis Netbeheer plays a central role in the energy chain. We distribute energy safely to customers. We work every day on the construction, maintenance, development and operation of the electricity and gas grids. We work together with many parties on innovations to make the energy supply more efficient and sustainable. Besides technological innovations, such as energy storage or congestion management, data also plays an important role. We facilitate an open energy market by making energy data available to suppliers and market parties in a safe manner. As a result switching from energy supplier and the settlement of energy flows proceeds flawlessly for customers and market parties. Our ambition is clear: we realize the energy transition in our service area in close cooperation with our stakeholders.

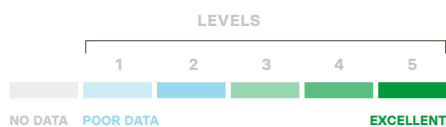
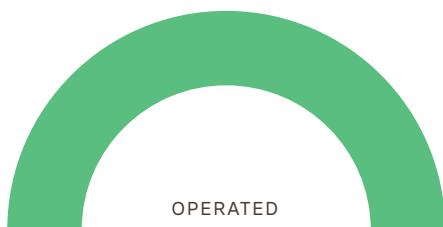
**2025 TARGET (absolute reduction\*)**



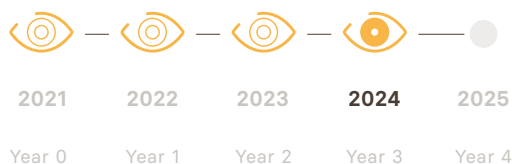
\*percentage reduction of annual methane emissions by 2025 based on 2015 estimates

**DATA QUALITY**

**2023 METHANE REPORTED (kt)**



**GOLD STANDARD**



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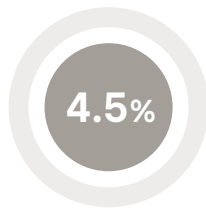
**SEGMENT**

**DOWNSTREAM**

## EWE NETZ

EWE NETZ GmbH is an OGMP member with different assets in the downstream sector. EWE NETZ operates the largest natural gas distribution grid in Germany with a total length of over 57,000 km in the regions of Lower Saxony, Brandenburg and Rügen. The entire supplied area covers more than 2,800 km<sup>2</sup> and more than 798,000 households and companies. The distribution grid including main and service gas lines are operated in the pressure level of low pressure, medium pressure and high pressure. The high-pressure distribution grid covers a total network length of approx. 3,800 km and has an operating pressure of up to 70 bar. In order to distribute the gas in such a large area and between different network pressure levels, there are over 1,600 gas pressure regulating and/or metering stations with different capacities and operating pressures. These also include stations to upstream and downstream operators like transmission/transport grids (withdrawal stations) as well as stations for (light) industrial consumer supply and injection stations for biogas. EWE NETZ has been certified an energy management system according to DIN ISO 50001 since 2016 to systematically and sustainably reduce energy consumption. In addition, EWE NETZ demonstrates secure network operations and a high level of security of supply through the Technical Security Management (TSM). EWE NETZ has been repeatedly TSM-tested by the German Association of Gas and Water Professionals (DVGW) in the field of natural gas since 2002. EWE NETZ has set itself the goal of reducing operational and incident methane emissions in the distribution grid. Due to the in Germany applicable Set of Rules by the DVGW, different technical specifications and extensive measures that actively contribute to the reduction in damage and methane emissions are already mandatory for the distribution grid. In the past decades, EWE NETZ has been established measures like e.g. substitute grey cast iron with modern material or downsizing shut-off sections. This already leads to a low intensity factor less than 0.1%. This proven strategy that led to fewer methane emissions will be continued.

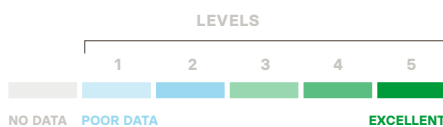
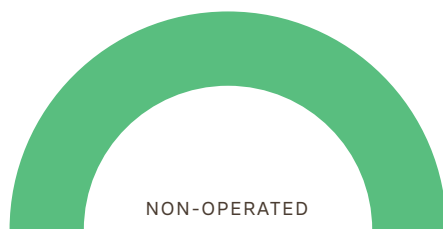
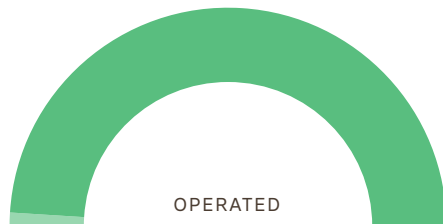
### 2027 TARGET (absolute reduction\*)



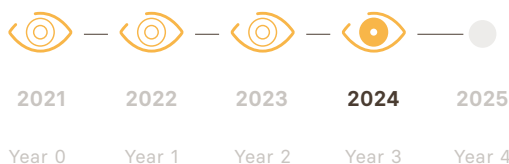
\*percentage reduction of annual methane emissions by 2027 based on 2015 estimates

### DATA QUALITY

### 2023 METHANE REPORTED (kt)



### GOLD STANDARD



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### SEGMENT

DOWNSTREAM



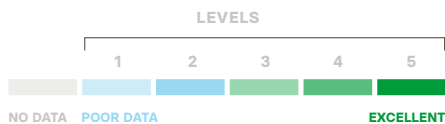
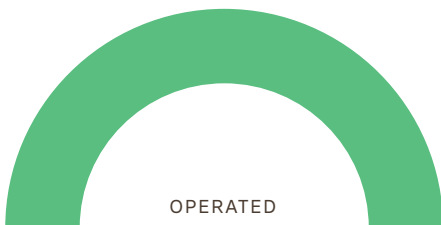
**2025 TARGET (absolute reduction\*)**



\*percentage reduction of annual methane emissions by 2025 based on 2015 estimates

**DATA QUALITY**

**2023 METHANE REPORTED (kt)**



**GOLD STANDARD**



**FLUVIUS**

Fluvius is the Flemish utility company responsible for building, managing and maintaining distribution grids for electricity, gas, sewerage, district heating and public lighting.

Fluvius manages over 2.4 million gas connections.

The key mission as a natural gas distribution company is to ensure the delivery of gas to our residential, commercial and industrial customers with high standards of quality, security and affordability and find and implement innovative solutions.

- The gas distribution assets consist of 57.000 km of gas distribution grid.
- The gas distribution grid connects about 2,3 million customers. The majority are residential customers connected to the low pressure grid.

During the past decades, Fluvius has taken several measures such as substituting grey cast iron with modern materials and reducing operational and incident methane emissions in the distribution grid.

As an ambitious OGMP member Fluvius strengthens its efforts to further reduce methane emissions and collect more data via specific measurements.

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**SEGMENT**

**DOWNSTREAM**



**G.E.I. GESTIONE ENERGETICA IMPIANTI SPA**

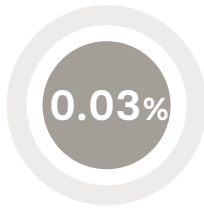
GEI Gestione Energetica Impianti SpA is an Italian gas distribution company (DSO) operating for 70 years in the north of Italy.

The company currently manages 150.000 point of delivery located in 3 Italian regions (Lombardy, Piedmont, and Veneto), 1.000 reducing and/or metering stations along 2.600 km of gas network.

We deliver up to 267 million standard cubic meters of gas natural to end users, with a strong focus on quality of our services, people's safety, and environmental sustainability.

We work day-by-day to maintain a high level of efficiency and to reach this target we are constantly and strongly committed on our company's specific mission: deliver natural gas to people with maximum effectiveness and efficiency, making sustainable innovation our strategic pillar.

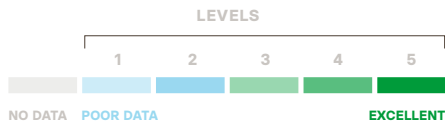
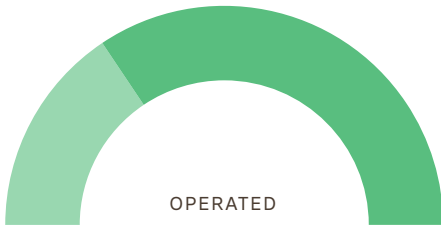
**2025 TARGET (intensity\*)**



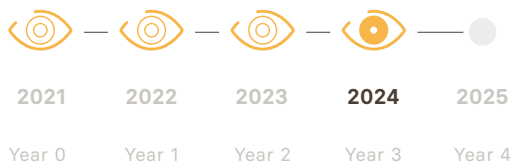
\* kg emitted per kg of transported gas

**DATA QUALITY**

**2023 METHANE REPORTED (kt)**



**GOLD STANDARD**



**INDEX**

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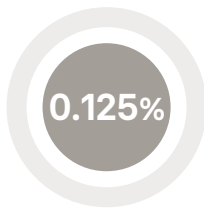
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**SEGMENT**

**DOWNSTREAM**



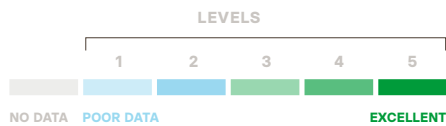
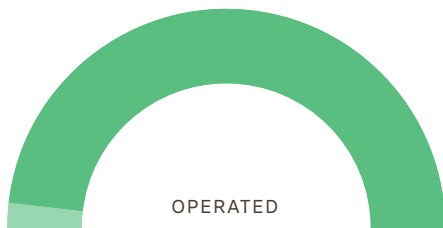
**2025 TARGET (intensity\*)**



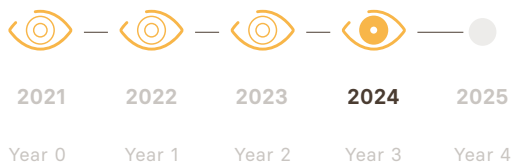
\*per amount of gas distributed in GWh HCV

**DATA QUALITY**

**2023 METHANE REPORTED (kt)**



**GOLD STANDARD**



**GRDF**

GRDF is France's main natural gas distribution system operator, distributing natural gas to more than 11 million customers for different uses - heating, cooking, mobility, and industrial processes - regardless of their supplier.

GRDF works in close contact with local and regional authorities, the owners of gas distribution networks. We also interact with other stakeholders in the energy world, from public organizations to economic and social operators.

Performing a public service mission, we build, operate, and maintain the largest gas distribution network in Europe (205,800 km) safely. We guarantee that gas is supplied under the best conditions of quality, safety, performance and cost, and we give all gas suppliers access to the network with complete impartiality. Our role as a distributor is to deliver gas to our customers, maintain and develop the gas distribution network with innovative solutions.

GRDF has strong CSR commitments and is especially involved to reduce the environmental impact of its activities. Concerning methane emissions issues, we have developed a bottom-up methodology to evaluate periodically the methane emissions of gas distribution network. Beyond this quantification, this tool is used to measure the efficiency of the mitigation action plan we carry out to decrease methane emissions of gas distribution network.

Furthermore, at GRDF we are convinced that the future of energy goes with renewable gas, operating a gas network already well developed and flexible to distribute and store renewable energies. Our goal is to reach 100% of renewable gas in gas network by 2050.

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**SEGMENT**

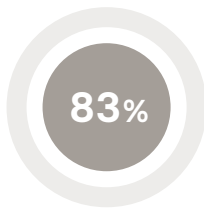
**DOWNSTREAM**

**ITALGAS**

Italgas is the leading gas distributor in Italy and Greece and the third in Europe: with its affiliates and the work of 4,281 people at the various offices across Italy and Greece, it manages 81,309 kilometers of gas distribution network, through which, in 2022, it distributed more than 8,500 million cubic meters of gas to almost 8 millions users.

Italgas firmly believes in pursuing technological and operational excellence and aims at inspiring other European and world gas DSO in entering a path of deep innovation and digitization and in supporting renewable gas development at the service of a just, fast and sustainable energy transition.

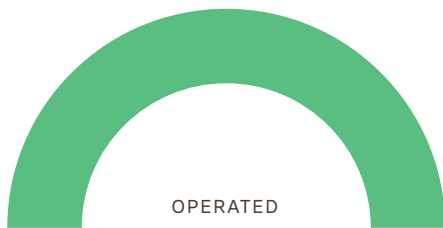
**2025 TARGET (absolute reduction\*)**



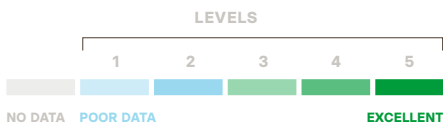
\*percentage reduction of annual methane emissions by 2025 based on 2015 estimates

**DATA QUALITY**

**2023 METHANE REPORTED (kt)**

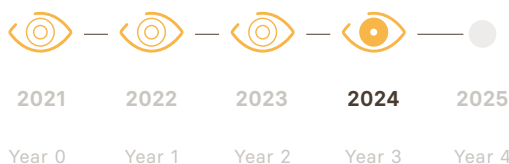


5 non-operated assets out of 5 assets in scope reported with missing data in at least one of the sources (dotted pattern)



\*\*dotted pattern = incomplete data

**GOLD STANDARD**



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**SEGMENT**

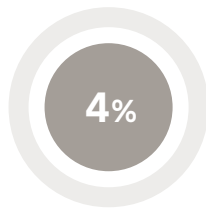
**DOWNSTREAM**



## LIANDER

For over 100 years Liander or her predecessors have been active in gas and electricity distribution. In the Netherlands the gas distribution grid operator function has been separated from the energy supply side since the Dutch Gas Law in the year 2000. The grid distribution operations under the name of Continuon were separated from the NUON company and resulted in the Network company Alliander. In the Netherlands all grid operators (TSOs and DSOs) are regulated by the government. Within the incentive regulation the tariffs are yearly adjusted for each individual system operator by the regulator (ACM). Network operator Liander, which is an Alliander subsidiary, has been statutorily tasked with managing and further developing the gas and electricity network. The other Alliander units facilitate markets by providing products and services that help create a future-proof energy network. Alliander's shares are held by Dutch provinces and municipalities. Liander is responsible for the construction and operations of the electricity and gas distribution grids in a large part of the Netherlands (six Dutch regions Gelderland, Noord Holland, Friesland en Flevoland). Liander distributes gas to over 3,2 million private households and commercial businesses and operates over 42,000 km gas distribution grid. The operating pressure ranges from 30 mbar up to 8 bar in the gas distribution grid. Methane emission reduction goals at Liander are currently solely based on the replacement of cast iron pipes. Furthermore the main focus in reducing gas leaks is safety. By reducing gas leaks indirectly also methane emission is reduced at Liander. Alliander stands for an energy supply system where everyone has access to reliable, affordable and renewable energy on equal terms. This is the social mission we work to achieve every day. We make sure the lights are on, homes are heated in the winter and stay cool in the summer, and businesses can keep operating, not just today, but in a sustainable tomorrow too. Our strategy comprises four pillars, which stand firmly on a solid and future-proof foundation: a safe, cost-conscious, sustainable and inclusive organisation. These are: excellent network management, support for customers in making choices, investing in new open networks and digitalization. This combination of strategy and structure helps us to fulfil our social mission both now and in the future.

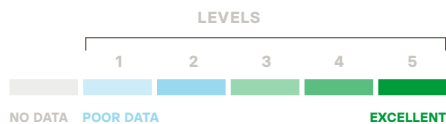
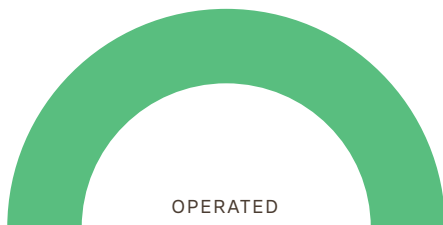
### 2025 TARGET (absolute reduction\*)



\*percentage reduction of annual methane emissions by 2025 based on 2015 estimates

### DATA QUALITY

### 2023 METHANE REPORTED (kt)



### GOLD STANDARD



### INDEX

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### SEGMENT

**DOWNSTREAM**



**MADRILEÑA RED DE GAS, SAU**

MRG is the first company in Spain to operate a distribution network in a completely independently manner from the rest of the businesses in the gas value chain. It is also the third largest gas distribution company in Spain by number of supply points. It currently has 904,606 natural gas supply points at December 31, 2023. It began its activity on May 1, 2010 in 38 municipalities of the Community of Madrid, currently distributing gas in 61 municipalities of the Autonomous Community, including the municipality of Madrid capital, where the activity is maintained in 5 districts. As part of the gas supply, MRG has operated in 2023 a total of 5 liquefied natural gas plants, all of them with vaporization boilers. Madrileña Red de Gas, is aware of the great contribution to global warming generated by greenhouse gases, including methane gas emissions from the oil and gas sector, for this reason, we have developed different initiatives, to determine the impact of our operations (distribution of natural gas) and thus be able to develop responsible actions with society and the environment. For Madrileña Red de Gas, as a company in the energy sector, our challenge is to satisfy the growing energy demand of a developing world, and furthermore, we must do so in an increasingly cleaner, safer and more reliable way; proactively betting on sustainability and the circular economy. We want to provide solutions and we join the transformation of current energy and production models. Madrileña red de Gas had joined OGMP 2.0 on 2023 according to our commitment with the methane emissions reduction in the oil and gas sector. Our interest in adhering to OGMP 2.0 is to be informed about future methane reductions commitments and also know the latest technologies to identify and measure fugitive leaks in order to apply it to reduce our emissions. Madrileña Red de Gas has set long-term objectives, aimed at improving efficiency in the management of its distribution assets, to mitigate fugitive natural gas emissions, with the consequent forecast of reducing methane gas emissions.

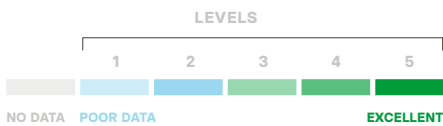
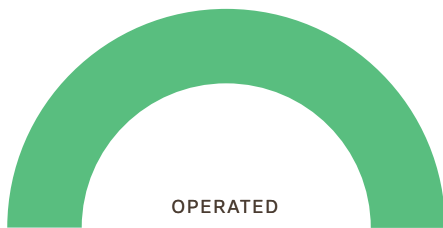
**2028 TARGET (absolute reduction\*)**



\*percentage reduction of annual methane emissions by 2028 based on 2022 estimates

**DATA QUALITY**

**2023 METHANE REPORTED (kt)**



**GOLD STANDARD**



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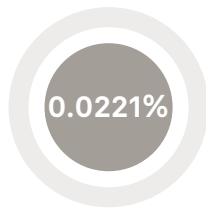
**SEGMENT**

**DOWNSTREAM**





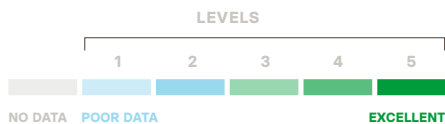
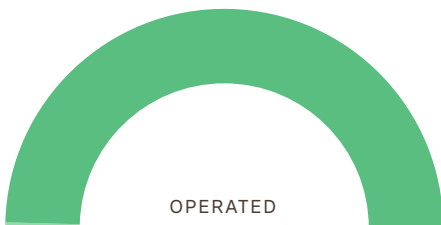
**2025 TARGET (intensity\*)**



\* Emissions Intensity (based on conveyed methane volume)  
(kg CH<sub>4</sub> emission/ kg conveyed CH<sub>4</sub>) (%)

**DATA QUALITY**

**2023 METHANE REPORTED (kt)**



**GOLD STANDARD**



**NEDGIA**

Nedgia, part of Naturgy Group, is the leading company in the natural gas distribution activity in Spain, supplying natural gas to 70 % of consumers. With a long history of more than 180 years, Nedgia is currently operating in 11 autonomous communities with around 6 million of supply points. Its main asset is almost 60,000 km of infrastructures allowing the energy supply of natural gas to be delivered safely and efficiently today, and also the distribution of renewable natural gas (like biomethane) and hydrogen in the future.

Nedgia has a longstanding commitment on network innovation to enhance operations, improve safety and minimize impact of our activity on the environment. The company works to develop innovative and efficient solutions to minimize methane emissions, as part of its Sustainability Plan, and contributing to build a carbon-free energy system to fight climate change. In the last years, we have been working in a proactive way to mitigate our methane emissions through voluntary programs and by driving research initiatives together with some of the main European gas associations and organizations, highlighting the fact that we remain strongly committed to tackle this issue and contribute to achieve the EU's climate neutrality objective.

We also work on a coordinated basis with Naturgy companies around the world in an effort to minimize methane emissions. This is part of our Sustainability Plan to reduce GHG emissions, aligned with the European Green Deal.

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**SEGMENT**

**DOWNSTREAM**



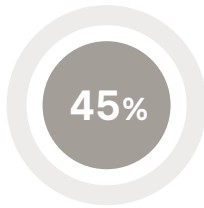
**NETZE GESELLSCHAFT SÜDWEST**

Netze-Gesellschaft Südwest mbH (Netze Südwest) and its predecessor companies can look back on a history of more than 30 years of natural gas supply in Baden-Württemberg. Netze Südwest is regulated by the state regulatory authority of Baden-Württemberg, where it is the largest gas network operator supervised by the authority.

Our core tasks include the reliable and secure supply of gas to network customers. This includes the construction, operation and maintenance of distribution networks, including network connections. However, our tasks as a network operator also include community support through concession management as well as regulatory and network access and energy data management as defined by the Energy Industry Act (EnWG).

In addition, Netze Südwest ensures a reliable, economical and environmentally friendly supply to customers in its concession areas, as well as secure operation and continuous expansion of the network. In this context, the entry of renewable energies into the heating market is explicitly taken into account, thus laying the foundation for efficient energy use. In this way, Netze Südwest helps to ensure that the communities supplied remain attractive to households and industry and can grow, using natural gas as an efficient and sustainable energy source and integrating regional energy sources.

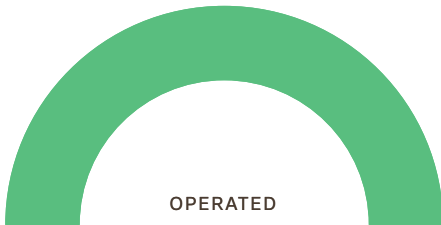
**2025 TARGET (absolute reduction\*)**



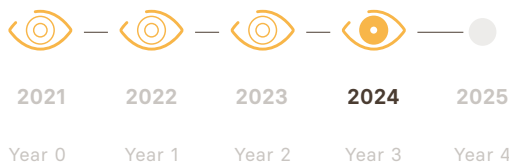
\*percentage reduction of annual methane emissions by 2025 based on 2020 estimates

**DATA QUALITY**

**2023 METHANE REPORTED (kt)**



**GOLD STANDARD**



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**SEGMENT**

**DOWNSTREAM**

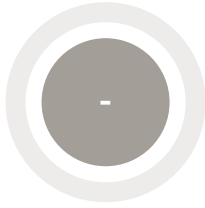


## PORTGAS

Gas distribution Network provider in the north litoral of Portugal.

[www.portgas.pt](http://www.portgas.pt)

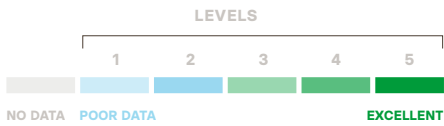
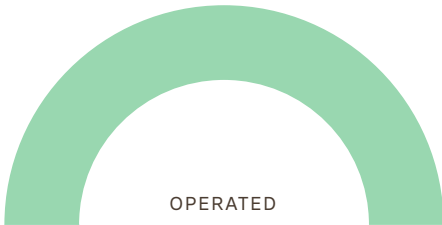
### 2025 TARGET (absolute reduction\*)



### DATA QUALITY

### 2023 METHANE REPORTED (kt)

0.3



### GOLD STANDARD



### INDEX

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### SEGMENT

DOWNSTREAM



**RENDONETBEHEER**

N.V. RENDO is a local grid operator, responsible for an adequate distribution of gas and electricity in South Drenthe and North Overijssel. N.V. RENDO strives to continuously improve its current strong position as a grid operator. N.V. RENDO wants to be active as a grid operator in facilitating new developments in the field of sustainable use of energy and the transition to a sustainable energy supply.

Important company values are in addition to a safe, high-quality, reliable and affordable energy network: customer focus, flexibility and sustainable entrepreneurship.

N.V. RENDO has three important stakeholders: customers/public, staff and the ultimate shareholders.

For customers/public, N.V. RENDO offers a safe, reliable and efficient energy network, good service at relatively low cost and attractive (sustainable) products and services for the free market.

For employees, N.V. RENDO is a good company for committed employees, which acts on the basis of respect and mutual responsibility and a company with a good working climate.

For the ultimate shareholders, N.V. RENDO is: a well-organized and transparent company and a company that always realizes positive value development in a broad sense.

N.V. RENDO distributes gas to over 100,000 private households and commercial businesses and operates over 3,500 kilometers gas distribution grid. Around 2,700 kilometer of the grid is known as a low pressure network with a pressure of 100 millibar. The other 800 kilometer is known as a high pressure network with pressures of 1, 4 and 8 bar.

**INDEX**

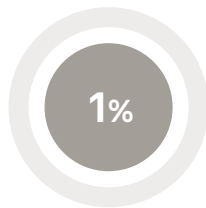
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**SEGMENT**

**DOWNSTREAM**

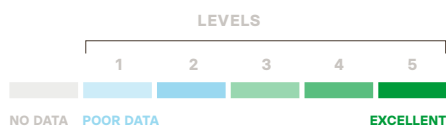
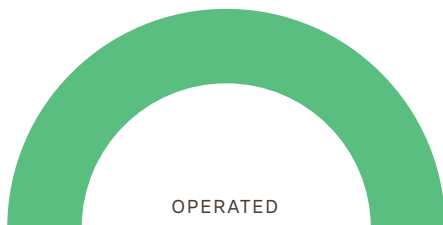
**2025 TARGET (absolute reduction\*)**



\*percentage reduction of annual methane emissions by 2025 based on 2022 estimates

**DATA QUALITY**

**2023 METHANE REPORTED (kt)**



**GOLD STANDARD**



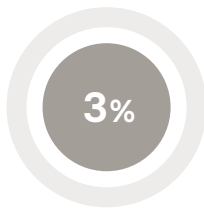
2021      2022      2023      2024      2025  
 Year 0    Year 1    Year 2    Year 3    Year 4



**SCHWABEN NETZ**

schwaben netz GmbH is a gas distribution company, active in Western Bavaria in Southern Germany. Schwaben Netz is a 100 % subsidiary of energie schwaben GmbH with its headquarter in Augsburg. Moreover, it is part of the Thüga group, an alliance of 100 local and regional utility companies. schwaben netz joined OGMP in 2020 together with two other distribution system operators (DSO) of the Thüga group – Energienetze Bayern (ENB) and Thüga Energienetze (THEN). schwaben netz is continuously expanding and improving its knowledge, workflows and expertise in the measurement, quantification, and mitigation of methane emissions.

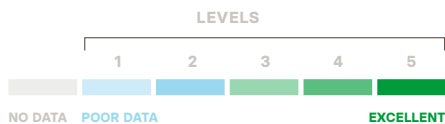
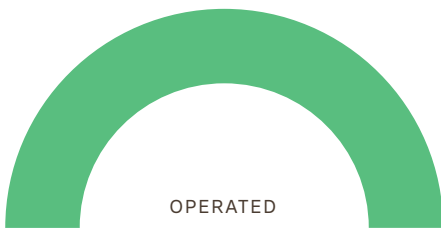
**2025 TARGET (absolute reduction\*)**



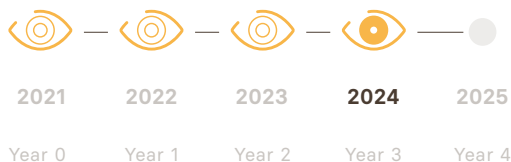
\*percentage reduction of annual methane emissions by 2025 based on 2022 estimates

**DATA QUALITY**

**2023 METHANE REPORTED (kt)**



**GOLD STANDARD**



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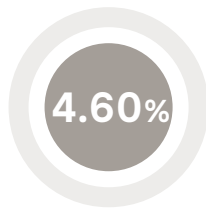
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**SEGMENT**

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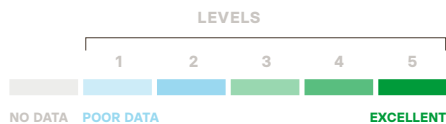
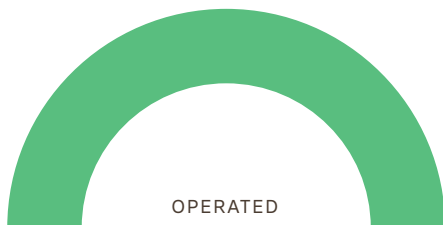
**2025 TARGET (absolute reduction\*)**



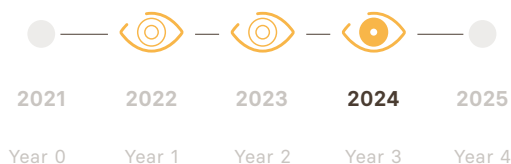
\*percentage reduction of annual methane emissions by 2025 based on 2015 estimates

**DATA QUALITY**

**2023 METHANE REPORTED (kt)**



**GOLD STANDARD**



**STEDIN**

Stedin is Dutch grid operator and part of the Stedin Group. This is a semi-public organization in the Netherlands whose shares are owned by namely 42 municipalities and the Dutch state.

We manage and maintain the energy networks in most of the provinces of South Holland, Utrecht and Zeeland. Also a smaller part in the provinces Nort Holland and Friesland. About 5.5 million people live within our area. Three of the four largest cities in the Netherlands are included, plus the Rotterdam and Zeeland port- and industrial areas and greenhouse horticulture. Stedin Group operates and is located in the Netherlands. Our head office is located at Blaak 8, 3011 TA in Rotterdam.

With our gas and electricity networks, we are a vital link for economic activities in our operating area. We work together with other parties that are part of the energy chain. These are producers of electricity and gas, the national distributors of electricity and gas TenneT and Gasunie, our suppliers, the other regional grid operators and the organizations that monitor the reliability, affordability, safety and sustainability of our energy supply.

**INDEX**

**DATA QUALITY** = Reporting levels 1 to 5, where increasing level corresponds to increased use of direct measurements

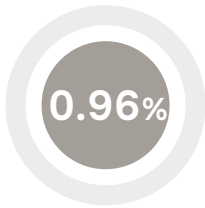
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**SEGMENT**

**DOWNSTREAM**



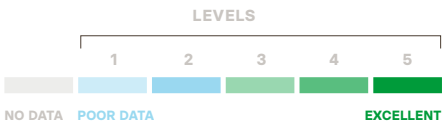
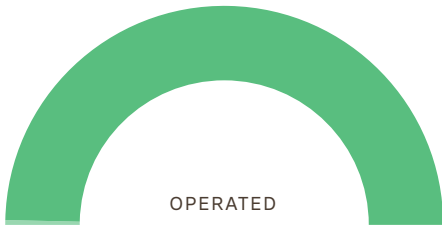
**2025 TARGET (absolute reduction\*)**



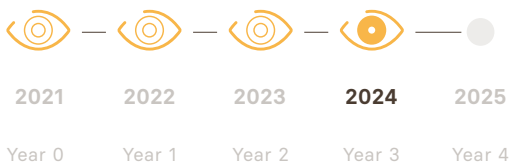
\*percentage reduction of annual methane emissions by 2022

**DATA QUALITY**

**2023 METHANE REPORTED (kt)**



**GOLD STANDARD**



**THÜGA ENERGIENETZE**

Thüga Energienetze GmbH (THEN) is a distribution company operating gas and electricity grids, active in south and southwest Germany with its seat in Schifferstadt. THEN is a 100 % subsidiary of Thüga Aktiengesellschaft AG Munich and is part of the Thüga group, an alliance of 100 local and regional utility companies. Together with two other members of Thüga group that joined OGMP, we want to expand the expertise within the Thüga Group on the measurement, estimation and mitigation of methane emissions, coordinated by Thüga AG. Thereby THEN is continuously expanding and improving its knowledge, workflows and expertise.

THEN is a very active member of the German associations. We share best practices with other DSO in the associations but also in working groups within the Thüga group. As a member of the regional DVGW Landesgruppe in Baden-Württemberg and Rheinland-Pfalz we promote the work on the reduction on methane emissions locally. We see this as an important step towards the decarbonization of the gas grid. All experiences and measurements are shared with the DVGW to be incorporated into the German-wide database which is growing continuously.

THEN is audited to following standards: ISO 14001 "Eco Management and Audit Scheme" (EMAS); ISO 50001 "Energy management systems"; ISO 45001 "occupational health and safety (OH&S)"; Information Security Management System (ISMS); TSM - Technical Security Management System of the DVGW.

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**SEGMENT**

**DOWNSTREAM**



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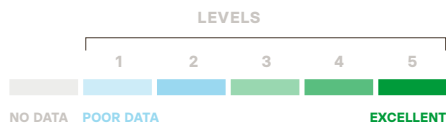
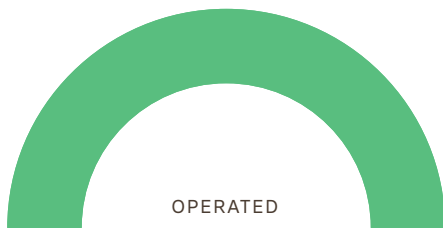
## 2025 TARGET (absolute reduction\*)



\*percentage reduction of annual methane emissions by 2025 based on 2019 estimates

## DATA QUALITY

## 2023 METHANE REPORTED (kt)



## GOLD STANDARD



## UNARETI

UNARETI is involved in gas distribution across various regions in the northern area of Italy. Conditions of networks vary significantly from plant to plant. The company provides over 480 million cubic meters of gas each year to one million users along more than 5,130 kilometers of grids.

UNARETI is moving towards both improving the methodology to quantify emissions and increasing inspection frequency across all plants' grids. In this regard, during 2023, more than 1,500 kilometers have been inspected using PICARRO® technology. By combining PICARRO® technology with other inspection methods, UNARETI can ensure the inspection of over 75% of its network annually.

Surveys of both main grids and all other distribution plant assets (buried and aerial branches or meters) have been intensified and improved. Various instruments capable of detecting very small volumes of dispersed gas are used to detect any kind of leakage as soon as it occurs.

The health of lines is continuously monitored, and older, more fugitive sections have been substituted, resulting in a visible reduction in methane emissions rate.

The reduction of methane emissions is a crucial point for UNARETI's sustainability report. All objectives set in the OGMP implementation plan are coherent with all activities carried out in the perspectives of methane emissions reduction and improvements of estimation methodology.

## INDEX

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## SEGMENT

DOWNSTREAM



## WESTLAND INFRA NETBEHEER

As a network company, including a grid operator, we work towards a livable and sustainable society for everyone. We believe in powering innovation and collaboration to achieve our goals and taking care of availability for energy, as well now as in the future. Transforming the current energy supply systems into a sustainable energy system in the coming decades is seen as our biggest challenge.

Specialized in transport of energy and related products and services, within the legal frameworks, we take the initiative by seeking connections with all stakeholders. By working together, we arrive at the best solutions. We see the transformation of the current energy supply into a sustainable, reliable and cost-efficient energy system as the greatest challenge for the coming decades.

For the inhabitants of the Westland and Midden-Delfland regions, for the greenhouse horticulture sector and for our customers in industry, business services and other sectors.

The goal is clearer and at the same time more challenging than ever. Global, European, Nationwide, Regional. And as N.V. Juva, we have one common goal: To reduce CO2 and methane emissions to virtually zero by 2050.

We are intrinsically motivated and have a strong intention of contributing to the climate objectives. It also applies to our organisation that there are still steps to be taken in business operations in order to realise our impact. This means that we must constantly adjust our choices and considerations.

N.V. Juva has three subsidiaries, each with its own specialization: Westland Infra Netbeheer B.V. (grid operator network management gas and electricity), Capturam B.V. (sustainable & innovative activities and (heat)projects) and Anexo B.V. (commercial medium and low voltage, measuring & data company).

## INDEX

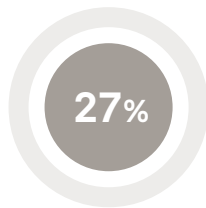
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## SEGMENT

**DOWNSTREAM**

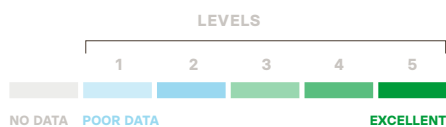
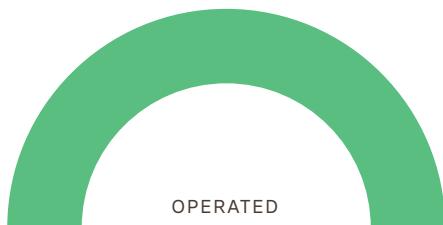
## 2029 TARGET (absolute reduction\*)



\*percentage reduction of annual methane emissions by 2029 based on 2022 estimates

## DATA QUALITY

## 2023 METHANE REPORTED (kt)



## GOLD STANDARD





**ADRIATIC LNG**

Our Vision – Be a world class LNG terminal enabling new energy supply to Italy and beyond.

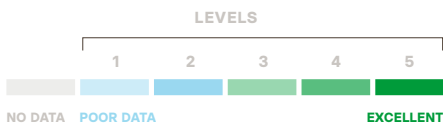
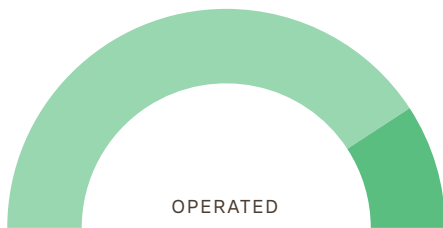
Our Mission – Be safe and reliable while protecting the environment and maximizing value for all stakeholders.

**NO TARGET**



**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



**PROGRESS TOWARDS GOLD STANDARD**



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**SEGMENT**

**MIDSTREAM**



**ATLANTIC LNG**

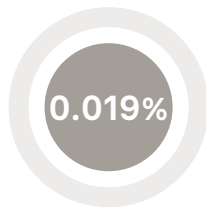
Atlantic, a major global producer of Liquefied Natural Gas (LNG) has over twenty-five years of LNG production experience and notably, was the first LNG plant built in the Caribbean and South America.

It produces LNG from natural gas delivered from fields in and around Trinidad and Tobago to its three- train liquefaction facility in Point Fortin, on Trinidad's southwest coast.

Atlantic's world-class facility, which represents an almost fully depreciated asset has a total capacity of 12 million metric tonnes per annum (tpa) and utilizes the Phillips Optimised Cascade Process, which uses refrigerants to cool natural gas until it liquefies at atmospheric pressure.

At the core of Atlantic's operations is the ability to leverage strengths, identify areas for improvement, collaborate and innovate to ensure sustained success in safety, plant utilization, gas turbine reliability and sustainability.

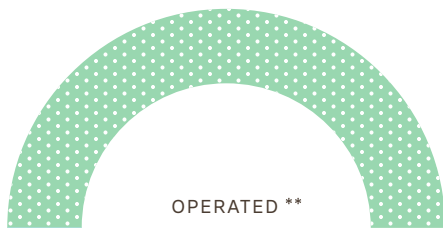
**2028 TARGET (intensity\*)**



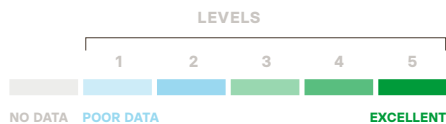
\*metric tonnes methane per metric tonnes LNG Produced

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**

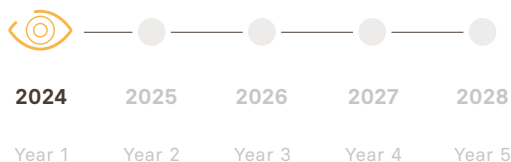


1 operated assets out of 1 assets in scope reported with missing data in at least one of the sources (dotted pattern)



\*\* dotted pattern = incomplete data

**PROGRESS TOWARDS GOLD STANDARD**



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**SEGMENT**

**MIDSTREAM**



**BAHÍA DE BIZKAIA GAS (BBG)**

Bahía de Bizkaia Gas (BBG) is the owner of a Liquefied Natural Gas (LNG) Regasification Plant in the port of Bilbao. We get LNG from tankers from all over the world and transform it into natural gas for domestic, commercial and industrial consumption and for the generation of electric power.

Our reception, storage and regasification operations are key to the supply of energy in the Basque Country and to support the Spanish and European gas systems.

Our storage capacity amounts to 450,000m<sup>3</sup> in three tanks (150,000m<sup>3</sup> each), while our send out rate is 800,000Nm<sup>3</sup>/h. Finally, our jetty has a capacity up to vessels of 270,000m<sup>3</sup> storage capacity.

We also have a truck tank loading station to deliver LNG to satellite plants by road and the necessary facilities for LNG carrier load.

Our partners:

Enagás Transporte S.A.U owns a 50% share in BBG. The Basque energy (EVE) owns the remaining 50% share in BBG.

Mission and vision:

Our mission is to promote and contribute to sustainable development of Europe from the Basque Country guaranteeing the efficient and safe supply of natural gas, committing to create value for all our stakeholders.

Our interest in our participation in the OGMP 2.0 is to know about the latest technologies to measure the fugitive leaks and being informed about the CH<sub>4</sub> future regulations to allow us to prepare ourselves technically for possible new requirements.

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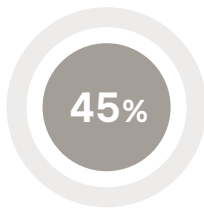
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**SEGMENT**

**MIDSTREAM**

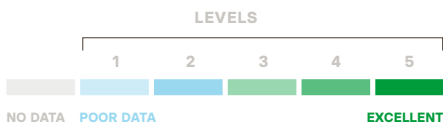
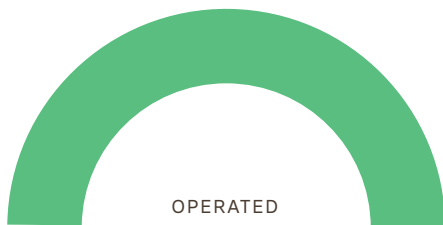
**2025 TARGET (absolute reduction\*)**



\*percentage reduction of annual methane emissions by 2025 based on 2015 estimates

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



**PROGRESS TOWARDS GOLD STANDARD**





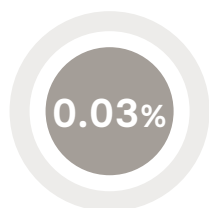
**CHENIERE**

Cheniere Energy Inc. (Cheniere) is the largest producer of liquefied natural gas (LNG) in the United States and the second largest LNG operator in the world. As the leading U.S. LNG exporter, we connect customers to a secure source of affordable, reliable and cleaner-burning energy, supporting our customers' energy needs and helping power the global transition to a lower-carbon future. Cheniere owns and operates two natural gas liquefaction facilities on the U.S. Gulf Coast and three transmission pipelines across Louisiana, Texas and Oklahoma. Cheniere accounted for 11% of the global LNG market in 2022 and has produced over 3,000 LNG cargoes that have been exported to 39 markets worldwide since 2016.

Cheniere's climate strategy focuses on science, transparency and collaboration along our supply chain to measure life cycle greenhouse gas (GHG) emissions to identify strategic and cost-effective opportunities to mitigate emissions. Joining OGMP 2.0 is enhanced by Cheniere's climate strategy initiatives, including our collaborative Quantification, Monitoring, Reporting and Verification (QMRV) programs to better calculate emissions in partnership with natural gas suppliers, midstream companies, shipping companies and academic institutions.

In 2022, Cheniere initiated its QMRV program at its liquefaction facilities using multi-scale measurements. We believe an accurate accounting of emissions is essential in setting any emissions target and propose to develop a methane emissions target informed by the QMRV program.

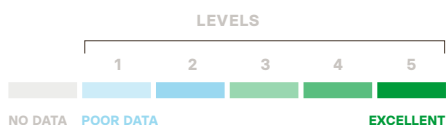
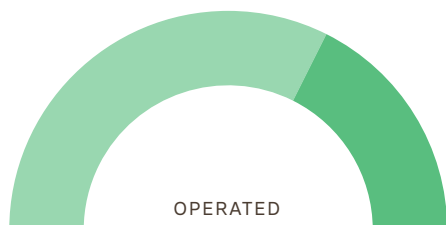
**2025 TARGET (intensity\*)**



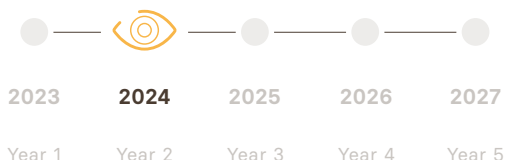
\*per LNG produced for sales

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



**PROGRESS TOWARDS GOLD STANDARD**



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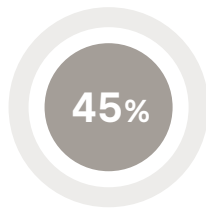
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**MIDSTREAM**



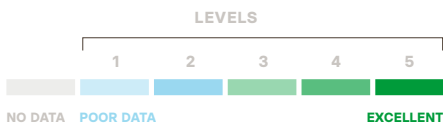
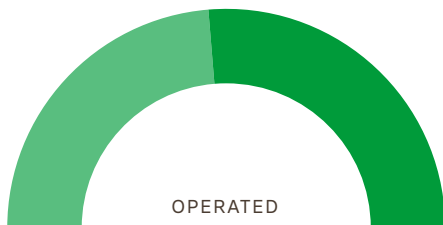
**2025 TARGET (absolute reduction\*)**



\*percentage reduction of annual methane emissions by 2025 based on 2015 estimates

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



**PROGRESS TOWARDS GOLD STANDARD**



**DESFA**

DESFA SA, the leading gas infrastructure company in Greece, is responsible for the operation, management, utilization and development of the national gas grid and its interconnections, in a technically sound and economically efficient way, in order to best serve its users with safety, reliability and adequacy. DESFA operates 1466 km of Gas network, 55 Metering and/or Regulating Stations, 4 Entry Point Stations, 1 Compressor Station and 1 LNG terminal of useful storage capacity 225000 m3 LNG. Currently, DESFA has no non-operated assets.

DESFA is committed to manage all its activities for ensuring protection of the environment, taking into account the principles of sustainability and maximum preservation of natural wealth. In line with the EU energy and climate goals, DESFA is contributing to the net-zero decarbonisation by 2050. The reduction of the direct and indirect emissions of greenhouse gases is our distinct and strong commitment. Focusing on methane emissions, DESFA set an absolute performance target of 45 % methane emissions reduction from the company's activities until 2025, in comparison with the base year 2015, in line with the UN Global Methane Alliance initiative. To achieve this target, DESFA implements several best available techniques (minimize venting by optimizing operations, intense leak detection and repair programs, boil off recovery in LNG terminal etc). DESFA optimized specific preventive maintenance operations leading to significant methane emissions reduction. DESFA's new projects are designed predominantly to minimize methane emissions. Moreover, DESFA participates in associations, workshops and R&D projects to share knowledge and adopt novel techniques on methane emissions reduction.

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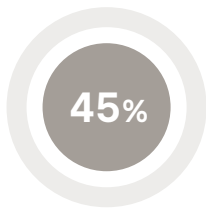
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**MIDSTREAM**



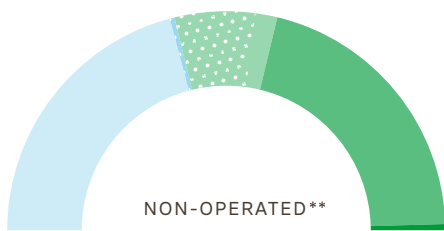
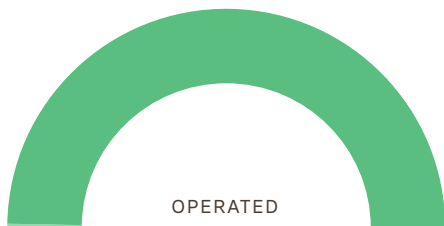
**2025 TARGET (absolute reduction\*)**



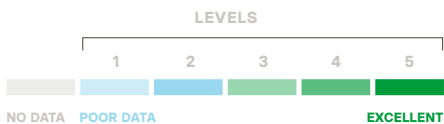
\*percentage reduction of annual methane emissions by 2025 based on 2015 estimates

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



3 non-operated assets out of 9 assets in scope reported with missing data in at least one of the sources (dotted pattern)



\*\*dotted pattern = incomplete data

**PROGRESS TOWARDS GOLD STANDARD**



**ENAGÁS**

Enagás, a midstream company and independent European TSO, is an international reference in the development and maintenance of gas infrastructure and in the operation and management of gas networks. Enagás operates more than 12,000 km of gas pipelines, 19 compressor stations, 493 regulation and metering stations, 3 underground storages and 4 LNG terminals. Enagás also has national and international non-operated facilities holding stakes in assets. Enagás is committed to achieving carbon neutrality by 2040. To this end, it has outlined a decarbonization pathway with emission reduction targets aligned with the 1.5°C temperature increase scenario. The reduction of methane emissions is a cornerstone of our Decarbonisation Strategy. Enagás' efforts to reduce these emissions are based on the following pillars:

- The Scope 1&2 emission reduction targets include the Global Methane Alliance methane emissions reduction commitment, which will reduce methane emissions from our business by 45% by 2025 and 60% by 2030 (vs 2015).
- Improvement of data accuracy: Quantification according to the most accurate methods.
- Mitigation measures: Implementation of the best available techniques to minimize the emissions.
- Implement specific actions that Enagás has identified and planned as part of its Energy Efficiency and Emission Reduction Plans (Electrify turbochargers with electric ones by 2040 (during 2023 the turbocharger at Coreses and Almendralejo has been replaced) and proposes the use of renewable gases (biomethane and hydrogen) as operating gas).

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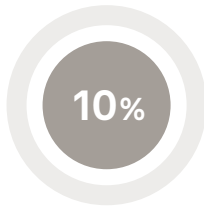
**SEGMENT**

**MIDSTREAM**

# ENERGINET

## Gastransmission

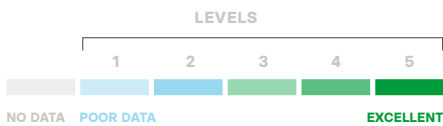
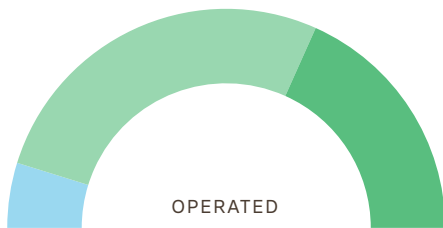
### 2025 TARGET (absolute reduction\*)



\*percentage reduction of annual methane emissions by 2025 based on 2019 estimates

### DATA QUALITY

### 2023 METHANE ESTIMATES (kt)



### PROGRESS TOWARDS GOLD STANDARD



### ENERGINET GASTRANSMISSION

Energinet Gastransmission is the Danish gas transmission operator. Energinet Gastransmission is operating around 1250 kilometres of pipeline with two larger compressor stations, five smaller compressor stations for injection of biomethane, and 44 regulation and metering stations.

Energinet Gastransmission is part of Energinet that is owned by the Danish Government, and the framework for Energinet's portfolio of tasks has been determined by law.

Energinet has overall climate goals to:

- Work towards emissions from natural gas being carbon-neutral by 2050
- Transmission losses and energy consumption for the transmission grid are carbon-neutral by 2030

The Danish Gas Transmission network is expanding rapidly according to its size in the last few years and the years to come. Some of the expansions are due to an increasing biomethane production in Denmark where the production is higher than the consumption of the local grids and therefore needs to be injected into the transmission grid. The grid is also expanded by politically decided gas infrastructure projects, including Baltic Pipe.

Energinet Gastransmission has decided on an absolute reduction target of 10 % by 2025, but due to the large increase in assets the real reduction is 40-50%.

### INDEX

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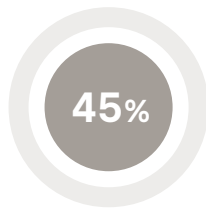
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### SEGMENT

MIDSTREAM



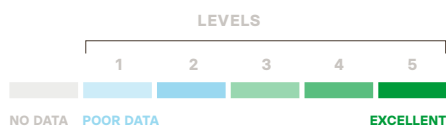
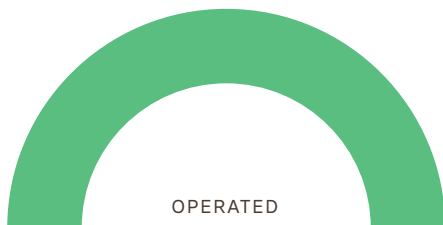
**2025 TARGET (absolute reduction\*)**



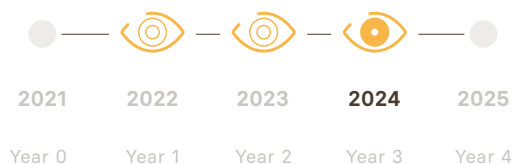
\*percentage reduction of annual methane emissions by 2025 based on 2015 estimates

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



**PROGRESS TOWARDS GOLD STANDARD**



**EUSTREAM**

Eustream is the operator of the major high-pressure gas transmission system in the territory of Slovakia. It is an important energy transmission hub in Central Europe.

Eustream provides:

- Bi-directional west-east transit backbone, supplying gas from the European Union to Ukraine,
- Bi-directional north-south transit corridor, enabling access to LNG terminals in Poland and Croatia.

Since 1972, about 3,000 billion cubic meters of gas have been transported by eustream. The transmission system consists of four to five parallel pipelines with a diameter of 1200 or 1400 mm. The energy required for the continuous flow of gas is provided by four compressor stations with an installed power of about 420 MW. Eustream is actively involved in a number of activities aimed at reducing its carbon footprint, in particular the transport of low-carbon and renewable gases and in activities of reduction of methane emissions. Eustream is developing numerous green hydrogen projects, including outstanding hydrogen backbone projects connecting Ukraine with the EU, which has recently obtained the official status of Important Project of the European Union Interest.

Eustream has excellent results in methane emission reduction, having coordinated effort for more than decade in various fields:

- Significant modernization of the network towards low emission technologies,
- Minimization of venting in operations,
- Implementation of detailed and coordinated LDAR system

These three sets of measures have contributed to a significant and gradual reduction of methane emissions at Eustream. Eustream is a member of OGMP from 2020 and systematically continues to work to reduce methane emissions and improve reporting accuracy.

**INDEX**

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**SEGMENT**

**MIDSTREAM**



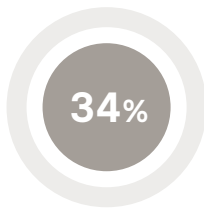
### EWE GASSPEICHER GmbH

Since the seventies of the past century EWE GASSPEICHER GmbH (EWE) plans, builds and operates cavern storages for natural gas in northern Germany. Until now, EWE owns four locations with a total number of 38 caverns.

Over last 50 years of operation, EWE has continuously improved the operating procedures and has modernized the existing constructions and installations. Beside commercial interests, these measurements served the environmental protection, especially when it comes to the mitigation of methane emissions. Examples of measures introduced include thermal use of vapors in gas drying facilities, reverse compression of seal leakages by reciprocating compressors or flaring of operational gas releases.

Currently, with highly developed mature and complex facilities and by using innovative procedures EWE ensures a state-of-the-art emissions management, which is considered to be above the industry average. In addition to this, EWE strives to make further improvements.

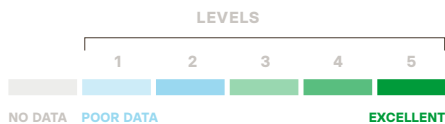
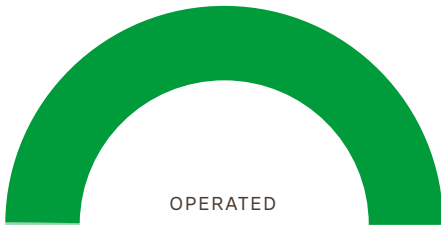
### 2025 TARGET (absolute reduction\*)



\*percentage reduction of annual methane emissions by 2025 based on 2020 estimates

### DATA QUALITY

### 2023 METHANE ESTIMATES (kt)



### PROGRESS TOWARDS GOLD STANDARD



### INDEX

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### SEGMENT

MIDSTREAM



## FGSZ

FGSZ Ltd is the owner and operator of the Hungarian high-pressure natural gas pipeline system servicing gas distribution companies, power plants and large industrial consumers.

FGSZ is the only transmission system operator (TSO) in Hungary, conducting its activities in a regulated market environment. We operate in accordance with the applicable Hungarian and EU laws at all times, and FGSZ is one of the first European independent TSOs to hold an ITO certificate. In addition to its domestic gas transmission activity, FGSZ transmits gas from Austria to Hungary, and it is also engaged in bi-directional deliveries with Romania, Croatia, Ukraine, Serbia, and Slovakia, while we constantly examine the interconnection possibilities with Slovenia

### Physical properties

- 5.889 km of pipelines, looped system
- 7.229 km telecommunications cable network
- 6 cross-border interconnections
- 10 compressor stations
- 25 physical entry points
- ~400 delivery facilities
- ~700 employees

### Partners

- 7 adjacent TSOs
- 1 dominant and several smaller producers
- 2 storage operators
- 6 large DSOs
- 45 shippers
- 80+ wholesale shippers

## INDEX

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MIDSTREAM

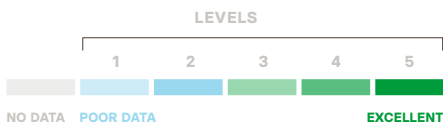
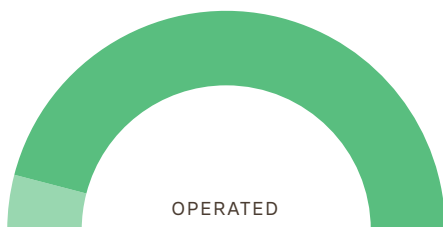
## 2025 TARGET (absolute reduction\*)



\*percentage reduction of annual methane emissions by 2025 based on 2015 estimates

## DATA QUALITY

## 2023 METHANE ESTIMATES (kt)

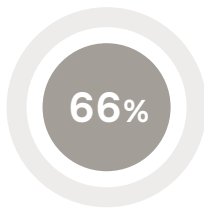


## PROGRESS TOWARDS GOLD STANDARD





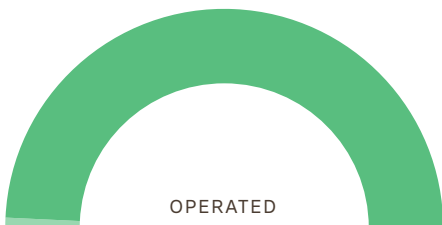
**2025 TARGET (absolute reduction\*)**



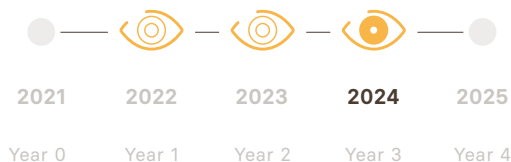
\*percentage reduction of annual methane emissions by 2025 based on 2017 estimates

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



**PROGRESS TOWARDS GOLD STANDARD**



**FLUXYS BELGIUM**

Fluxys Belgium is an independent energy infrastructure company with no interests in the generation or sale of energy. In 2012, CREG, the Belgian federal regulator, certified Fluxys Belgium as a transmission system operator that works entirely separately from natural gas suppliers and producers. The company has more than 90 years of experience in the development, financing, construction, operation and maintenance of gas infrastructures.

With 1000 employees, the company operates 4,000 km of high pressure transmission pipelines and associated infrastructure (4 compressor stations and 192 pressure reduction stations), a liquified natural gas terminal totalling a yearly regasification capacity of 104 TWh and an underground storage facility with a total capacity of 8.7 TWh.

As a purpose-led company, Fluxys Belgium together with its stakeholders contributes to a better society by shaping a bright energy future. Building on the unique assets of gas infrastructure and its commercial and technical expertise, Fluxys Belgium is committed to transporting hydrogen, biomethane or any other carbon-neutral energy carrier as well as CO<sub>2</sub>, accommodating the capture, usage and storage of the latter.

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**SEGMENT**

**MIDSTREAM**

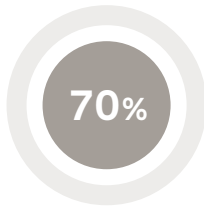


**GASCADE GASTRANSPORT GmbH\***

The fully regulated and certified transmission system operator GASCADE Gastransport GmbH\* independently operates a gas pipeline network throughout Germany. Based in Kassel, the company offers its customers state-of-the-art and competitive transport services for gases in the heart of Europe via the company's own high-pressure pipeline network, which is around 3,250 kilometres long. For the decarbonized energy future, GASCADE is pursuing the goal of converting its transmission network to the transport of hydrogen and is therefore active in several specific onshore and offshore projects for the transportation of hydrogen.

\*With the entry in the commercial register on August 31, 2023, the 80 percent fractional ownership of W & G Transport Holding GmbH (WGTH) in the OPAL was transferred to GASCADE Gastransport GmbH (GASCADE) by way of spin-off of the regulated part of the operation. GASCADE's pipeline system is now more than 3,700 kilometers long.

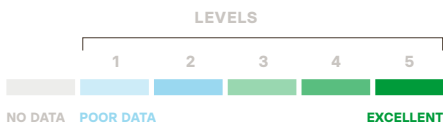
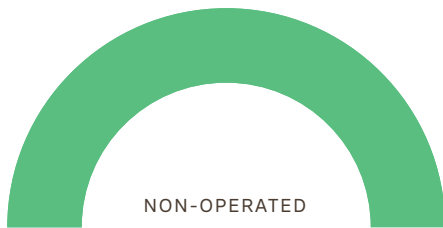
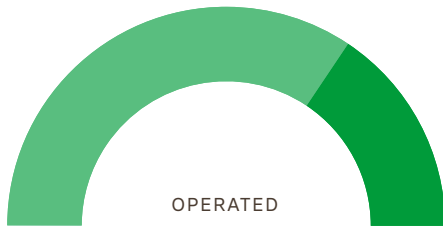
**2025 TARGET (absolute reduction\*)**



\*percentage reduction of annual methane emissions by 2025 based on 2015 estimates

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



**PROGRESS TOWARDS GOLD STANDARD**



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**SEGMENT**

**MIDSTREAM**



**GAS CONNECT AUSTRIA GmbH**

Gas Connect Austria is an Austrian transmission system operator with a high-pressure natural gas pipeline network of around 900 km. It is clear from our mission statement that we take sustainable account of the impact on people and the environment. We therefore focus also on the reduction of methane emissions. We use established management systems to reduce and avoid environmental pollution.

We have introduced and practiced management systems such as ISO 9001 (quality management system), ISO 14001 (environmental management system), ISO 50001 (energy management system), ISO 45001 (occupational health and safety management system) and ISO 27001 (information security management system).

These management systems are continuously monitored and audited by external certified inspection bodies.

In the past we did a lot of initiatives to avoid and reduce methane emissions. We are generally subject to a continuous improvement process, which we naturally also apply to our environmental performance. This approach is confirmed, for example, by our participation in OGMP 2.0. In the course of this participation, we have refined our reporting system with regard to methane emissions and, among other things, initiated new reduction and avoidance measures. Of course, we are striving to achieve the Gold Standard by im-plementing the requirements resulting from our participation in OGMP 2.0 to the best of our ability and within the specified timeframe. In general the decarbonisation requirements to net zero is a major chal-lenge for us. To meet this challenge, we have developed reduction targets for CO2 and CH4 to be achieved through the implementation of planned reduction measures.

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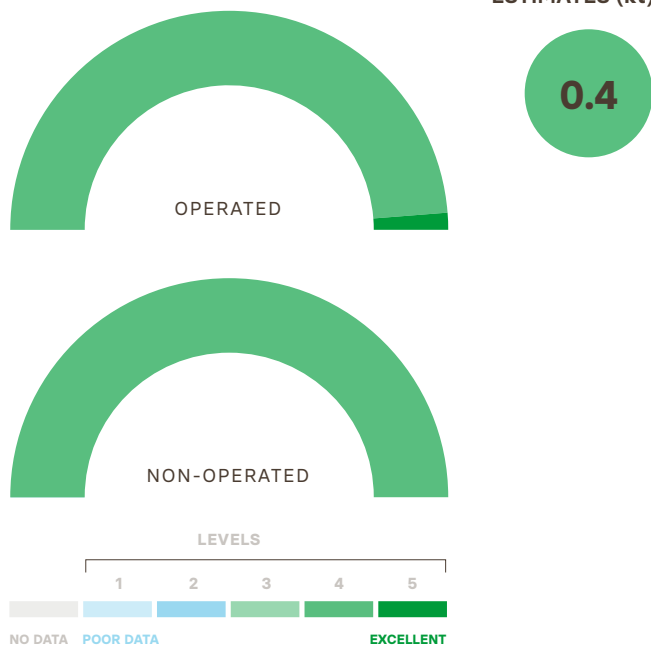
**2025 TARGET (absolute reduction\*)**



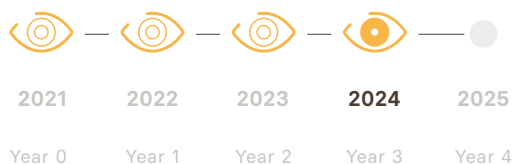
\*percentage reduction of annual methane emissions by 2025 based on 2015 estimates

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



**PROGRESS TOWARDS GOLD STANDARD**



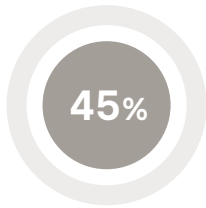


### GAS STORAGE DENMARK

Gas Storage Denmark owns and operate 2 storage sites in Denmark. Stenlille is an aquafer storage and LI. Torup is a salt cavern storage.

Gas Storage Denmark wants to contribute to the green transition of the energy systems, by transforming underground storage from methane storage to multi storage of methane, biomethane, hydrogen, CO2 e.g., but also take part of bringing down the emission of methane.

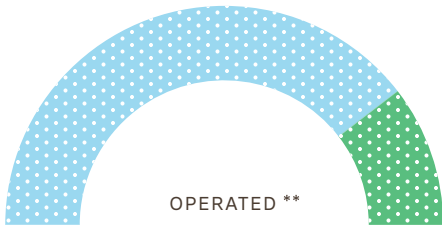
### 2025 TARGET (absolute reduction\*)



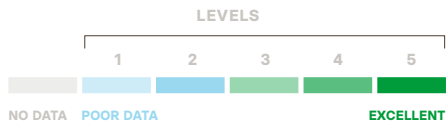
\*percentage reduction of annual methane emissions by 2025 based on 2021 estimates

### DATA QUALITY

### 2023 METHANE ESTIMATES (kt)



2 operated assets out of 2 assets in scope reported with missing data in at least one of the sources (dotted pattern)



\*\* dotted pattern = incomplete data

### PROGRESS TOWARDS GOLD STANDARD



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MIDSTREAM

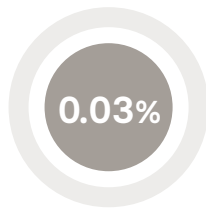


**GAS TRANSMISSION OPERATOR GAZ-SYSTEM**

GAZ-SYSTEM plays a strategic role in the Polish economy. The company is responsible for natural gas transmission, operates major gas pipelines in Poland and the Baltic Pipe undersea gas pipeline, and controls the President Lech Kaczyński LNG Terminal in Świnoujście.

As part of the 2015-2025 investment programme, GAZ-SYSTEM is developing over 2000 km of new gas pipelines in western, southern and eastern parts of Poland. Interconnections with Lithuania and Slovakia have been completed, as well as the design of onshore gas pipelines that will connect the planned FSRU floating terminal in the Gdansk Bay to the national transmission system. The LNG Terminal in Świnoujście is also being expanded, which will increase its regasification capacity by more than half.

**2025 TARGET (intensity\*)**



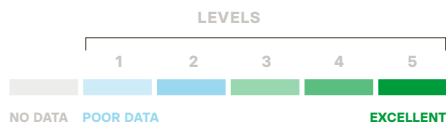
\* m<sup>3</sup> lost methane/ m<sup>3</sup> transmitted natural gas

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



12 operated assets out of 15 assets in scope reported with missing data in at least one of the sources (dotted pattern)



\*\* dotted pattern = incomplete data

**PROGRESS TOWARDS GOLD STANDARD**



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**SEGMENT**

**MIDSTREAM**





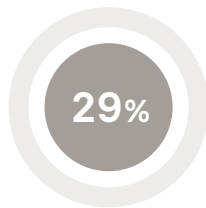
## GASUNIE DEUTSCHLAND TRANSPORT SERVICES GmbH

Gasunie Deutschland Transport Services GmbH (GUD) is an independent subsidiary company part of the Dutch energy infrastructure company N. V. Nederlandse Gasunie. Gasunie's whole network is one of the largest high-pressure pipeline networks in Europe and consists of over 17,000 kilometers of pipelines in the Netherlands and Germany. In Germany GUD operates a high pressure pipeline network of approx. 3,000 km and is a JV partner for approx. 1,800 km high pressure pipeline grid.

Gasunie is helping to accelerate the transition to a CO<sub>2</sub>-neutral energy supply. The company believes that innovations in the gas sector can make an important contribution to this, for example in the form of renewable gases such as hydrogen and green gas. When it comes to hydrogen, scale and an integrated approach to the entire hydrogen chain are important. Gasunie is therefore investing in innovative partnerships and a hydrogen backbone for transport and storage. Both existing and new gas infrastructure are important in this context.

Gasunie, as a founding member of the European Green Gas Initiative, has set itself the goal of achieving a 100% climate-neutral gas transport infrastructure by 2050. The transport of hydrogen, synthetic methane or biogas are the decisive steps to achieve this goal.

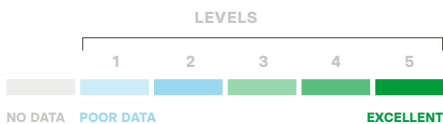
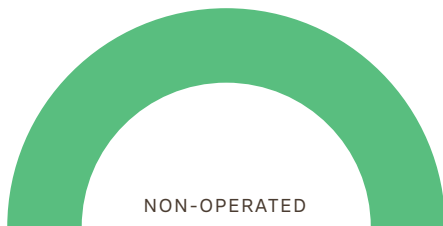
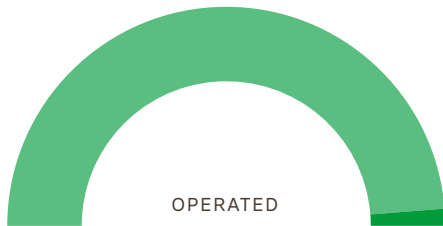
### 2025 TARGET (absolute reduction\*)



\*percentage reduction of annual methane emissions by 2025 based on 2015 estimates

### DATA QUALITY

### 2023 METHANE ESTIMATES (kt)



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### SEGMENT

MIDSTREAM

**N.V. NEDERLANDSE GASUNIE**

Gasunie manages and maintains the infrastructure for large-scale transport and storage of gas in the Netherlands and the northern part of Germany. Safety, reliability, sustainability and cost-effectiveness are central in everything we do. Our company was founded in 1963, four years after the discovery of natural gas in the northern Dutch province of Groningen. We are a public limited company under Dutch law and fully owned by the State of the Netherlands. Gasunie has two subsidiaries that manage the gas transport network: Gasunie Deutschland in Germany, and Gasunie Transport Services (GTS) in the Netherlands.

Our mission:

Gasunie is a leading European energy infrastructure company whose core activities are gas transport and gas storage. We serve the public interest and facilitate the energy transition by providing integrated infrastructure services. We focus on value creation for our shareholder(s) and other stakeholders and apply the highest safety and business standards used in the sector.

Our vision:

We believe in a sustainable future with a balanced energy mix and a lasting role for diversified gas. We believe that we serve our customers best with innovative gas and related infrastructure solutions.

Our three pillars

- Ensuring a safe, reliable, affordable and sustainable gas infrastructure in our core area.
- Contributing to an efficient gas infrastructure and services for a properly functioning European natural gas and LNG market.
- Accelerating the transition to a carbon-neutral energy supply.

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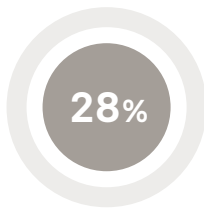
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**SEGMENT**

**MIDSTREAM**

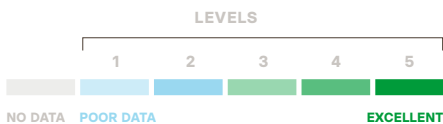
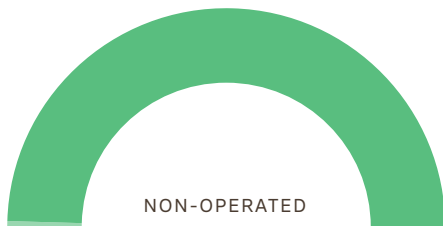
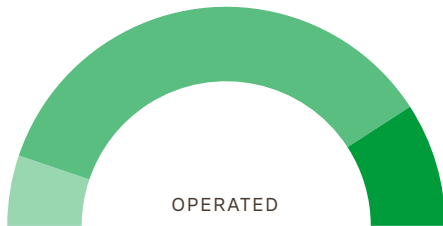
**2025 TARGET (absolute reduction\*)**



\*percentage reduction of annual methane emissions by 2025 based on 2020 estimates

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



**PROGRESS TOWARDS GOLD STANDARD**





**GRTGAZ**

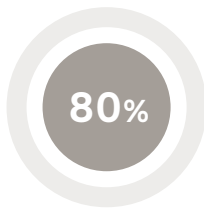
GRTgaz is the main gas transmission system operator in France with more than 32,000 km of pipelines to transport gas from suppliers to consumers connected to its network. GRTgaz has 2 subsidiaries: Elengy, a leader in LNG terminal services in Europe, and GRTgaz Deutschland, a German transport network operator. Due to the legal constraints of the French Energy Code, Elengy has its own methane-reduction trajectory and is therefore reported as non-operated. As an OGMP member, GRTgaz Deutschland is reported separately from GRTgaz.

In 2016, GRTgaz set an ambitious strategic objective of dividing its methane emissions by 3 in 2020. GRTgaz successfully achieved this target and is now pursuing the efforts to continuously reduce its methane emissions.

GRTgaz is now targeting to divide by 5 its methane emissions by 2025, compared to 2016. This represents a decrease of 16.2 kt CH<sub>4</sub> between 2016 and 2025.

GRTgaz is an active member of the OGMP 2.0 Task Forces, the Methane Guiding Principles, GIE / Marcogaz working groups, and European GERG R&D projects. Among the R&D projects carried out by RICE (the GRTgaz research centre), GRTgaz participates in the GERG research project on top-down measurements. Within GIE/Marcogaz methane Working Group, GRTgaz is a main contributor to recommendation documents and advocates for better methane management through several presentations in seminars and webinars. In France, GRTgaz works closely with the other gas infrastructure operators to promote methane reduction actions and will keep on promoting sound and thorough methane reduction practices across the gas supply chain in the upcoming years.

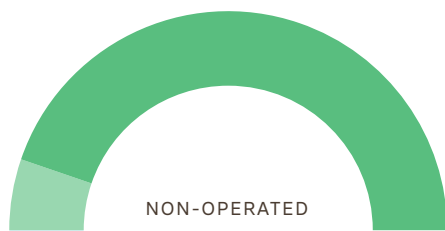
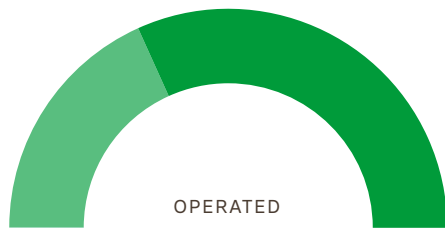
**2025 TARGET (absolute reduction\*)**



\*percentage reduction of annual methane emissions by 2025 based on 2016 estimates

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



**PROGRESS TOWARDS GOLD STANDARD**



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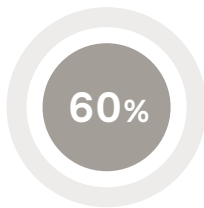
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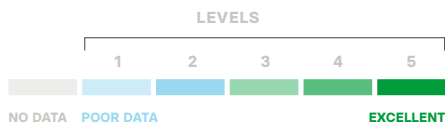
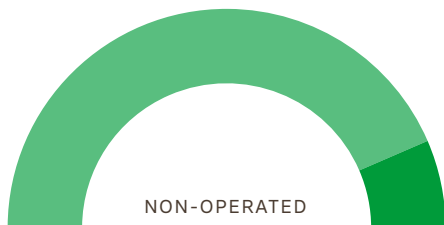


**2025 TARGET (absolute reduction\*)**



\*percentage reduction of annual methane emissions by 2025 based on 2009 estimates

**DATA QUALITY**



**PROGRESS TOWARDS GOLD STANDARD**



**GRTGAZ DEUTSCHLAND**

GRTgaz Deutschland is a shareholder of MEGAL GmbH & Co. KG, the pipeline system of the same name in Germany. The MEGAL pipeline system is a part of the market area THE and offers a bi-directional cross border point at the German-Czech border in Waidhaus, at the German-French border in Medelsheim as well as at the bi-directional cross border point at the German-Austrian border in Oberkappel. The MEGAL pipeline system consists of two pipelines: the MEGAL Nord (North) pipeline and the MEGAL Süd (South) pipeline which are connected via a 40 km-long connection line between Schwandorf and Rothenstadt.

As the main connector of Eastern and Western Europe, GRTgaz Deutschland manages a transport system that moves large amounts of natural gas through Southern Germany. Our network connects the gas infrastructure of Germany with that of our parent company in France as well as the networks of Czechia and Austria. As part of the German and European gas infrastructure, we play a critical role in securing a lasting gas energy supply in German and Europe. As a team, we ensure first-class services, a discrimination-free network access, and maintain close contact with our customers.

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**SEGMENT**

**MIDSTREAM**



**JS AMBER GRID**

Operator of the Lithuanian natural gas transmission system, responsible for the transmission of natural gas to consumers and the operation, maintenance, and development of infrastructure.

The goal of Amber Grid is to transform the natural gas system by 2030, adapting it to transport renewable energy resources safely and creating a cleaner future for everyone. We plan to adapt the gas transmission system to new energy so that Lithuania's pipelines carry not only natural gas and biogas but also hydrogen.

We aim to contribute to a climate-friendly economy. By transporting green energy in Lithuania and abroad as well as changing gas using equipment with clean electric engine compressors, boilers. We reduce the impact on climate change by focusing on energy from renewable sources.

**2028 TARGET (absolute reduction\*)**



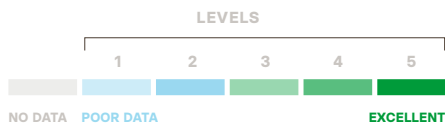
\*percentage reduction of annual methane emissions by 2028 based on 2023 estimates

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



2 operated assets out of 4 assets in scope reported with missing data in at least one of the sources (dotted pattern)



\*\*dotted pattern = incomplete data

**PROGRESS TOWARDS GOLD STANDARD**



**INDEX**

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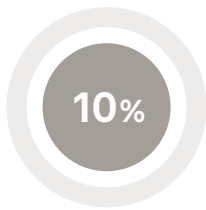
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**SEGMENT**

**MIDSTREAM**



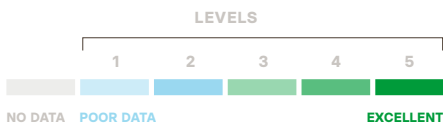
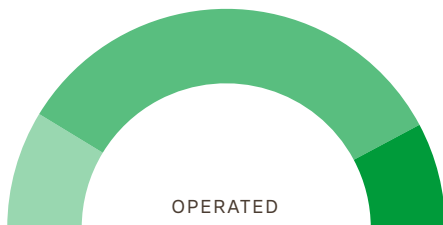
**2025 TARGET (absolute reduction\*)**



\*percentage reduction of annual methane emissions by 2025 based on 2020 estimates

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



**PROGRESS TOWARDS GOLD STANDARD**



**MEDGAZ**

Medgaz is in charge of operating the direct gas pipeline from Algeria to Spain. Medgaz started the activity on April 2011, with a capacity of 8 BCM/year of natural gas and without interruption since then. After the entry into operation of the fourth turbocompressor on 1st July 2022 (the Expansion project) the capacity of the pipeline has increased up to 10,16 BCM/year.

Medgaz operates the system comprising a compressor station in Beni-Saf, Algeria with 4 turbocompressors, an offshore pipeline from Beni Saf to Almería, Spain with a length of 210 km, 24 inches ND and a maximum depth of 2.165 meters, and a reception terminal in Almería.

After the Expansion project performed between 2018 and 2022, the yearly emissions have been modified according to production (4 turbocompressors installed instead of 3).

Medgaz, respectful of the environment, is applying best practices and looking for technical and procedure improvements to help preserving our surroundings. In that sense, Medgaz HSE department reports methane emissions from main emission sources on a monthly basis, both internally and to our shareholders. The reporting involves main equipment depressurization as well as natural gas self-consumed (burned). Yearly targets established have the aim of reducing the impact of Medgaz activity.

Medgaz has been engaged in methane emissions reduction by joining the OGMP and designing a reduction plan for the upcoming years. Performance target is to reduce emissions up to 10% of reported quantity by 2025.

In addition, as part of its commitment to position Medgaz as a low carbon energy infrastructure, Medgaz is analyzing initiatives to reduce its carbon footprint (methane, CO2) and improve its ESG metrics.

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**SEGMENT**

**MIDSTREAM**



## MOLDOVAGAZ

The Joint Stock Company "Moldovagaz," in its current form, was established in 1999. The corporate structure of JSC "Moldovagaz" includes several limited liability companies that perform various functions, such as 12 gas distribution enterprises, each with a branch office in the regional centers; Moldovatransgaz, a key enterprise responsible for the maintenance of the main gas pipelines and related installations; and Transautogaz, the operator of compressed natural gas-filling stations, along with other legal entities.

Moldovagaz serves over 800,000 consumers, including more than 15,000 non-residential customers, with an annual gas supply to the right bank of Moldova averaging 1 billion cubic meters. The company's workforce comprises around 5,000 employees, who play a key role in efficiently managing and operating the country's extensive natural gas infrastructure.

Moldovagaz holds a significant position as a public service provider, ensuring a stable and reliable gas supply throughout the country. The company ensures that natural gas is available to households, businesses, and critical industries, contributing to both daily life and the broader economy of Moldova.

As part of Moldova's efforts to align with the European Union's Third Energy Package, in 2023, the unbundling of gas transmission and supply services was initiated to prevent market monopolies and ensure fair access to infrastructure for all market participants.

Moldovagaz plays a crucial role in ensuring a reliable gas supply and maintaining energy security across the country.

## INDEX

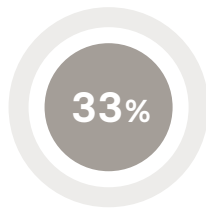
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## SEGMENT

MIDSTREAM

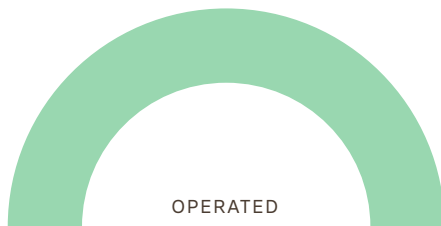
## 2025 TARGET (absolute reduction\*)



\*percentage reduction of annual methane emissions by 2025 based on 2022 estimates

## DATA QUALITY

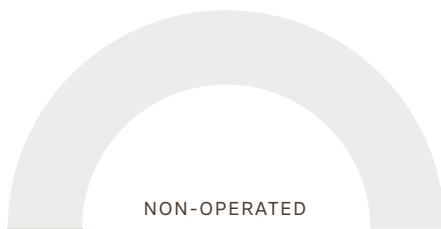
## 2023 METHANE ESTIMATES (kt)



OPERATED

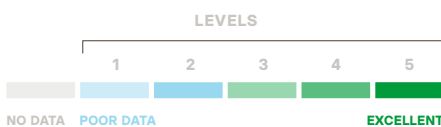


8 operated assets out of 20 assets in scope not reported



NON-OPERATED

2 non-operated assets out of 2 assets in scope not reported



## PROGRESS TOWARDS GOLD STANDARD



2021 2022 2023 2024 2025

Year 0 Year 1 Year 2 Year 3 Year 4



# THE NATIONAL GAS COMPANY OF TRINIDAD AND TOBAGO LIMITED

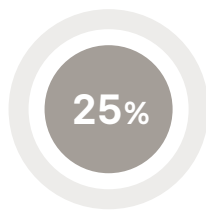
## THE NATIONAL GAS COMPANY OF TRINIDAD AND TOBAGO

The National Gas Company of Trinidad and Tobago Limited (NGC) and its subsidiaries are an integrated group of energy companies operating in Trinidad and Tobago's energy sector, with a growing presence in other jurisdictions. A profitable and high-performing state enterprise, parent company, NGC plays a pivotal role in Trinidad and Tobago's gas-based energy sector and is strategically positioned along the entire natural gas value chain. Through its people, investments, strategic partnerships and pioneering gas pricing model, NGC has secured the profitability of the local gas-based energy sector and catalysed the social and economic development of Trinidad and Tobago for four and a half decades.

NGC's core business is the aggregation, purchase, sale, transportation, and distribution of natural gas in Trinidad and Tobago. Other areas of business include (non-operated) joint venture oil production; marketing and trading of energy commodities; portfolio investments; technical services; engineering; procurement and construction services and activities in the sustainable energy space, including renewable energy and energy efficiency projects and investments.

NGC owns, maintains, and operates most of Trinidad and Tobago's gas pipeline network of approximately 1,000 km, both offshore and onshore. The capacity of the network is 4.4 billion standard cubic feet per day (Bcf/d), supplying power generation, world-scale petrochemical plants, and a wide range of non-petrochemical light manufacturing, industrial and commercial enterprises.

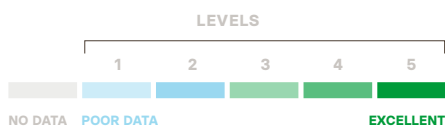
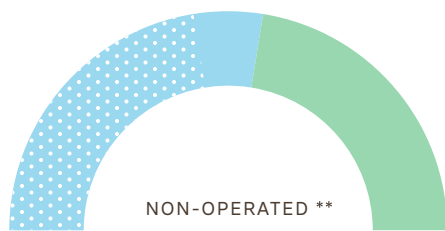
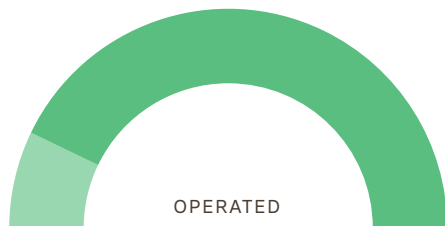
### 2025 TARGET (absolute reduction\*)



\*percentage reduction of annual methane emissions by 2025 based on 2021 estimates

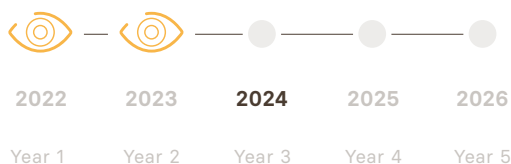
### DATA QUALITY

### 2023 METHANE ESTIMATES (kt)



\*\* dotted pattern = incomplete data

### PROGRESS TOWARDS GOLD STANDARD



### INDEX

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### SEGMENT

MIDSTREAM

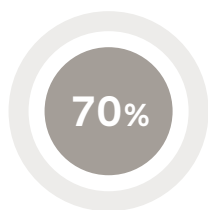




**NEL Gastransport GmbH (NGT)**

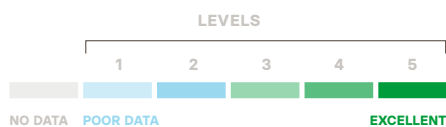
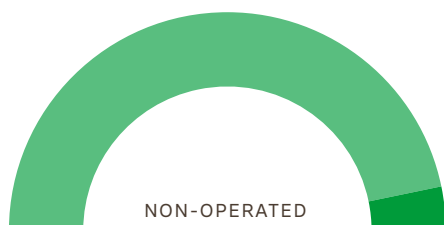
The fully regulated and certified transmission system operator NEL Gastransport GmbH (NGT) independently operates the North European Natural Gas Pipeline (Nordeuropäische Erdgasleitung – NEL) and is responsible for transporting natural gas in a safe and reliable manner.

**2025 TARGET (absolute reduction\*)**

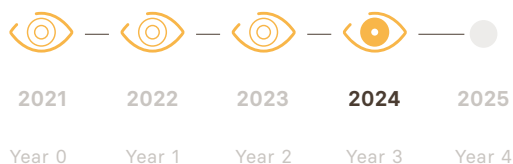


\*percentage reduction of annual methane emissions by 2025 based on 2015 estimates

**DATA QUALITY**



**PROGRESS TOWARDS GOLD STANDARD**



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**SEGMENT**

**MIDSTREAM**

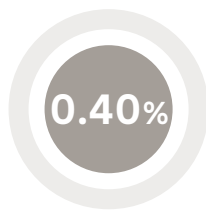


## NIGERIA LNG LTD

Nigeria LNG Limited (NLNG) is one of the world's top suppliers of LNG. NLNG was incorporated as a Limited Liability Company on May 17, 1989, to harness Nigeria's vast natural gas resources and produce Liquefied Natural Gas (LNG) and Natural Gas Liquids (NGLs) for export. NLNG is an Incorporated Joint Venture owned in the following proportions: Nigerian National Petroleum Company Limited (NNPCL) (49%), Shell Gas B.V. (25.6%), TotalEnergies Gaz & Electricité Holdings (15%), and Eni International N.A. N.V. S.à.r.l (10.4%). NLNG has a total production capacity of 22 Million Tons Per Annum (mtpa) of LNG and 5mtpa of Natural Gas Liquids (NGLs) from its six-train plant complex.

In 2019, NLNG shareholders took the Final Investment Decision (FID) on its 7th train and awarded the Engineering, Procurement and Construction (EPC) contracts for the plant expansion in 2020. The long-awaited expansion will increase production capacity by 35 per cent from 22mtpa to 30mtpa and enhance NLNG's competitiveness in the global market. Train 7 is expected to start production in 2026.

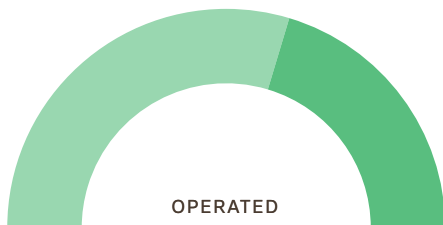
### 2025 TARGET (intensity\*)



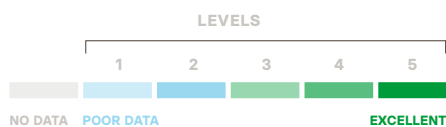
\* kg emitted per LNG produced (kg)

### DATA QUALITY

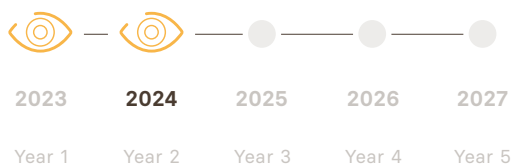
### 2023 METHANE ESTIMATES (kt)



23 operated assets out of 25 assets in scope reported with missing data in at least one of the sources (dotted pattern)



### PROGRESS TOWARDS GOLD STANDARD



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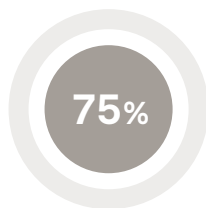
### SEGMENT

MIDSTREAM

Wir transportieren Gas.



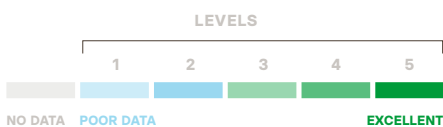
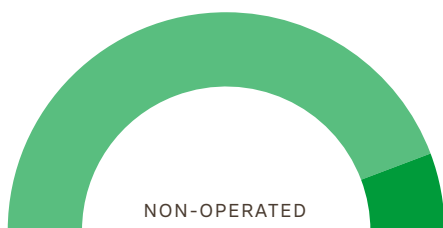
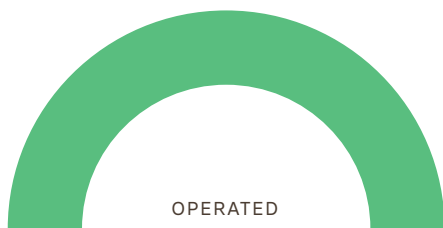
**2025 TARGET (absolute reduction\*)**



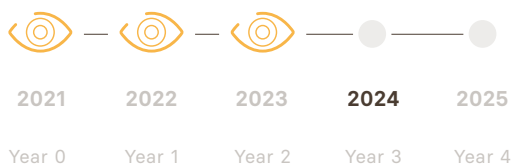
\*percentage reduction of annual methane emissions by 2025 based on 2015 estimates

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



**PROGRESS TOWARDS GOLD STANDARD**



**NOWEGA GmbH**

Nowega is a TSO based in Münster with a workforce of over 100. We currently operate and market around 1500 km of high-pressure gas pipelines - from the Dutch border across Lower Saxony and through parts of North Rhine Westphalia. Our network structure has grown historically together with the production activities in the North German region and is unique among its kind in Germany. In our grid network we operate also three biogas feed-in plants with a total capacity of 2 MW.

Nowega is acutely aware of its responsibility not only towards its own employees, but towards the environment, the community, and the customers. With the reliable and economic operation of pipeline networks and plants, we make an important contribution to the security of supply. For decades, we have been carrying out maintenance and servicing measures (e.g., LDAR measures), some of which go above and beyond the requirements of the DVGW regulations, with the aim of reducing the impact on the environment. Reducing emissions while maintaining security of supply is of paramount importance to us, which is why we always follow the best practice approach, looking for new technologies and methods, e.g., for gas leak detection.

Nowega is a founding member of the GET H2 Initiative, which aims to establish a Germany-wide hydrogen infrastructure - the basis for the gradual transition from a natural gas grid to a hydrogen infrastructure. In our view, an H2 infrastructure will make a significant contribution to the CO2-neutral energy supply of the future.

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**SEGMENT**

**MIDSTREAM**



**NTS (Nova Transportadora do Sudeste S/A – NTS)**

NTS transports natural gas through a pipeline system connecting the most industrialized Brazilian region with safety and responsibility.

There are more than 2,000 kilometers of pipelines with transport contractual capacity of 158.2 million m<sup>3</sup> of gas per day. The NTS gas pipelines connect the states of Rio de Janeiro, Minas Gerais and São Paulo (responsible for approximately 50% of Brazil's gas consumption) to the Brazil-Bolivia pipeline, LNG terminals and gas processing plants.

NTS considers that climate issues are the key to the path to sustainability, but we also recognize the important role of natural gas in the transition towards a low-carbon economy. Thus we aim to minimize the environmental impact of our operations through solutions that allow us to reduce our energy consumption, minimizing our carbon footprint.

Based on the GHG inventory - 2022, we are structuring our Climate Strategy, considering mitigation and adaptation actions, aligned with the challenges and opportunities of the climate agenda.

NTS Climate strategy includes:

1. Improving carbon measurement and monitoring. NTS's adherence to OGMP, together with efforts to reduce the uncertainty of these data, will drive improvements in the methodology for quantifying emissions. This exhaustive improvement could extend until 2026, when NTS intends to achieve level 5.
2. Reducing GHG emissions. The company has a decarbonization plan with a near-term target. The OGMP target is to reduce methane emissions up to 30% of reported volume by 2025.
3. Monitoring the bests technologies available to reduce GEE emissions.

**INDEX**

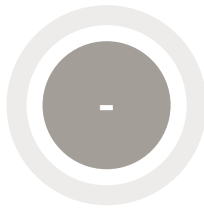
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**SEGMENT**

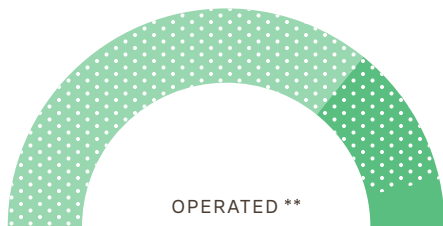
**MIDSTREAM**

**NO TARGET**

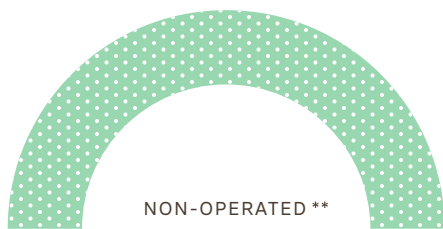


**DATA QUALITY**

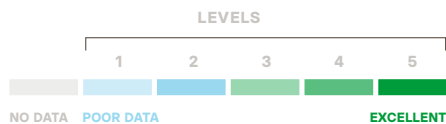
**2023 METHANE ESTIMATES (kt)**



5 operated assets out of 6 assets in scope reported with missing data in at least one of the sources (dotted pattern)

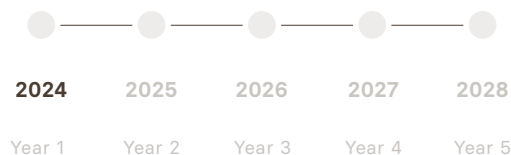


2 non-operated assets out of 2 assets in scope reported with missing data in at least one of the sources (dotted pattern)



\*\* dotted pattern = incomplete data

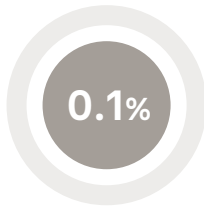
**PROGRESS TOWARDS GOLD STANDARD**





# الشركة العمانية للغاز الطبيعي المسال ش.م.ع. Oman LNG L.L.C.

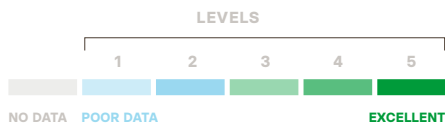
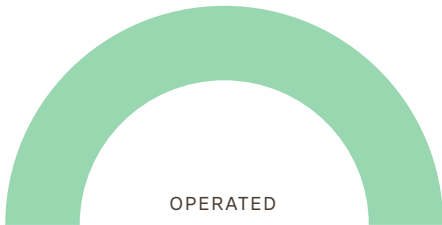
## 2025 TARGET (intensity\*)



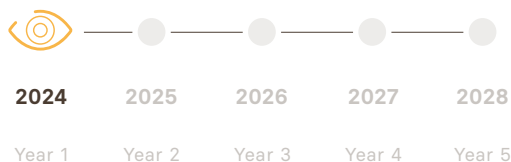
\*per Total LNG Rundown

## DATA QUALITY

## 2023 METHANE ESTIMATES (kt)



## PROGRESS TOWARDS GOLD STANDARD



## OMAN LNG

Oman Liquefied Natural Gas LLC (OLNG) is a Joint Venture established by Royal Decree in 1994, operating under the Law of Sultanate of Oman. OLNG produces & sells Liquefied Natural Gas & its by-product, by managing all aspects of liquefying, storing, transporting & marketing LNG to customers. The liquefaction plant is located in Qalhat, near Sur & operates three liquefaction trains with a capacity of 11.4 MTPA. OLNG shareholders committee was established under the Shareholders' Agreement with Oman Investment Authority, Shell, Total Energies, Korea LNG, Mitsubishi Corporation, Mitsui & Co. Ltd, PTTEP Oman E&P Corporation & Itochu Corporation as esteemed shareholders. OLNG's vision is to be "The best at what we do".

Since its inception, OLNG has consistently prioritized environmental excellence. OLNG embarked on a focused journey of enhancing its GHG & Energy Management performance since the beginning of last decade when Leak Detection and Repair Program was adopted. The company is actively picking up momentum in the space of methane management with adoption of OGMP2.0 with UNEP. OLNG acknowledges Global Methane Pledge & collaborates with Government for MARS initiative & methane management journey for Oman. Additionally, OLNG has been a core member in Oman's national delegation for UN Conference of Parties & the National GHG forum established by Ministry of Energy & Minerals. OLNG along with Oman Government acknowledges Zero Routine Flaring initiatives by World Bank & already achieved zero routine flaring policy.

OLNG started to participate in the Methane Mitigation Summits to be part of the international community combating methane emissions. OLNG is aspiring to join more global methane initiatives such as MGP, OGI, IOGP & CLEAN.

## INDEX

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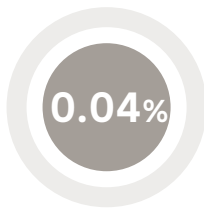
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## SEGMENT

MIDSTREAM

# ONTRAS

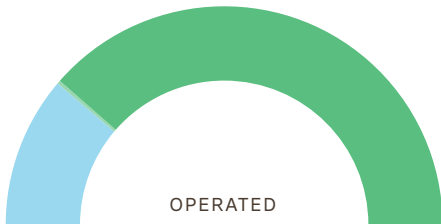
## 2025 TARGET (intensity\*)



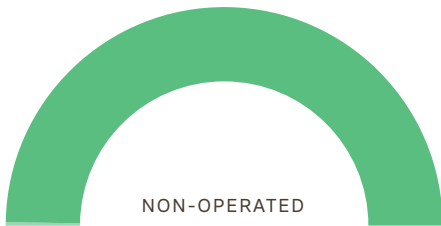
\* m<sup>3</sup> emitted per m<sup>3</sup> transported gas

## DATA QUALITY

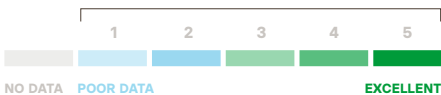
## 2023 METHANE ESTIMATES (kt)



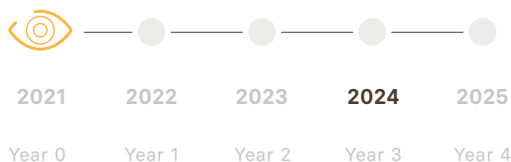
3 operated assets out of 9 assets in scope not reported



LEVELS



## PROGRESS TOWARDS GOLD STANDARD



## ONTRAS

ONTRAS Gastransport GmbH (ONTRAS) operates the 7,700 kilometre gas transmission system in eastern Germany and is responsible for the reliable and efficient transport of gaseous energy - today and in the future. We are actively shaping the energy market of the future, contributing ideas and developing sustainable solutions for our infrastructure. In doing so, we rely on reliable technology, many years of experience and a dedicated team.

Our gas infrastructure is compatible with renewable gases and thus also supports a variety of use cases for hydrogen, such as material applications, mobility and heat. As part of this effort we are constantly working on making our infrastructure ready for the integration of renewable gases such as hydrogen and biomethane and strengthening our efforts in reducing the carbon-footprint of our activities.

We are therefore delighted to be part of the OGMP 2.0 initiative enabling us to work together with renowned partners from across the entire value chain supporting us to monitor, report and reduce verifiably the methane emissions of our operations and thereby contribute to the decarbonisation of our energy system.

With the ONTRAS H2-Startnetz, we want to lay the foundation for the hydrogen infrastructure in eastern Germany. By 2030, a network of more than 900 kilometres of pipelines is to be created.

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## SEGMENT

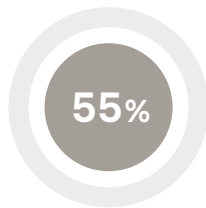
MIDSTREAM



**OPEN GRID EUROPE**

OGE is one of Europe’s leading gas transmission system operators. We operate the longest pipeline network of all German TSOs and play a key role in ensuring safe and reliable transport of gaseous energy carriers throughout Europe. We continue to further develop the infrastructure to move natural gas today and green gases in the future. We want to make a significant contribution to climate protection in Germany and Europe. Hence, we are actively working on the transformation of natural gas to green gases. Furthermore, we are engaged in efforts to increase the security and quality of our natural gas transmission services. That includes tackling the issue of methane emissions within our pipeline network. OGE is actively working to reduce methane emissions from the transmission of natural gas. We have long been taking various measures to reduce methane emissions in our part of the value chain and we are striving for more. To further reduce our methane emissions and continue to take the lead on this issue, we have set ourselves the goal of achieving a 55% reduction by 2025 compared to 2009. To this end, we have identified and are applying meaningful new technical measures to curb emissions. These include, for example, the use of mobile compressors, a technology which we will continue to develop and strengthen. We are a committed member of several initiatives and associations to work alongside our public and private partners to tackle the issue of methane emissions throughout the gas industry.

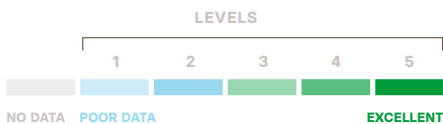
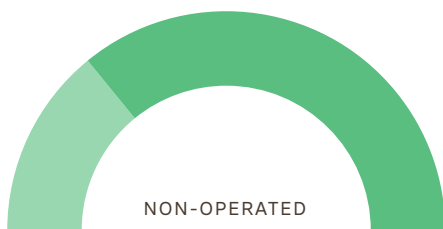
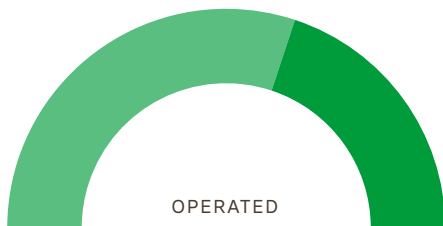
**2025 TARGET (absolute reduction\*)**



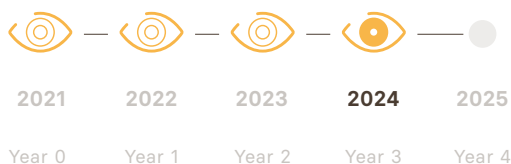
\*percentage reduction of annual methane emissions by 2025 based on 2009 estimates

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



**PROGRESS TOWARDS GOLD STANDARD**



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**SEGMENT**

**MIDSTREAM**



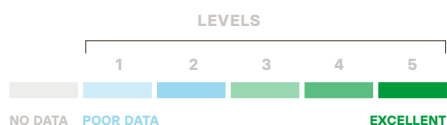
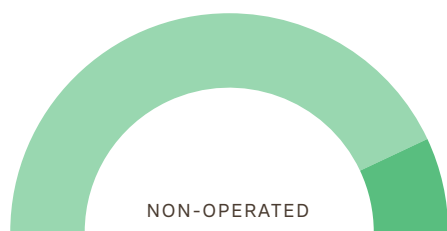
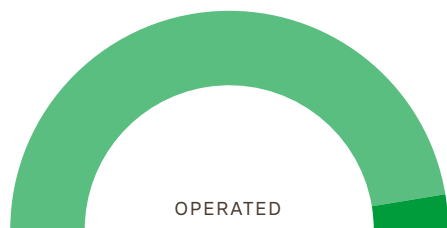
**2025 TARGET (absolute reduction\*)**



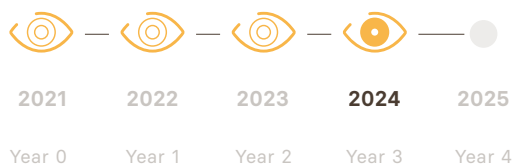
\*percentage reduction of annual methane emissions by 2025 based on 2018 estimates

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



**PROGRESS TOWARDS GOLD STANDARD**



**REN**

REN is the Portuguese high pressure natural gas transmission system operator, and very high voltage electricity transmission system operator, and undertakes the global system management of both national electric and natural gas systems under the framework of public service concessions. REN is additionally the concession holder for the Portuguese LNG plant in Sines and the Underground Storage facility in Carriço.

REN also holds stakes in Electrogas, a Chilean gas transmission system operator, whose facilities constitute non-operated assets for REN.

Along with its ambition of maintaining one of Europe's leading position, when it comes to renewable energy sources integration and as a leading player in operational performance, REN is committed to UN's sustainable development goals, engaging in several initiatives in the environmental, social and governance area, such as reforestation, global warming limitation or gender equality.

Sustainable development is thus one of REN's core values and present throughout all its activities. Motivated by the overarching goal of becoming carbon neutral by 2040, REN participates in the Oil & Gas Methane Partnership as part of the United Nations Environmental Program, which aims at systematically and responsibly reduce methane emissions. By implementing best practices in the natural gas sector, REN seeks to actively contribute to the improvement of the quality of life of citizens and to fighting climate changes by cutting down noxious gas emissions and setting the stage for a transformational change that will help preserve and restore nature and biodiversity.

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**SEGMENT**

**MIDSTREAM**





## RETRAGAS

Retragas srl, a company of A2A S.p.A. Group, is a regional natural gas transport company operating in northern Italy whose network is located downstream of the regional network of the largest transport company and is directly interconnected to the latter.

Retragas efficiently manages the service through its regional transport system, handling more than 360 million cubic meters of natural gas last year 2022.

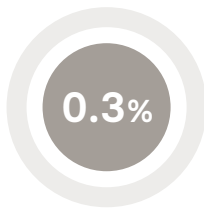
We are present with our networks (over 400 km) and plants (8 primary interconnection cabins) in Lombardy and Trentino-Alto-Adige.

Basic service provided is the continuous and interruptible transport of natural gas on the regional network to accredited sector operators (shippers, traders).

Gas is received at the delivery points of a network scope and transported to the redelivery points of the same scope. Service is subject to transport tariffs determined according to the indications of the Regulatory Authority for Energy, Networks and Environment.

To manage the provision of the basic service in conditions of safety and economy, Retragas makes available ancillary services such as, by way of example, the management of transport data, the transfer of capacity, transfers and transfers of capacity, the operational balancing of the transport system, administrative balancing, compliance with the minimum pressure values at the redelivery points and the permissible gas quality intervals, the planning and management of maintenance, invoicing and management of service emergencies.

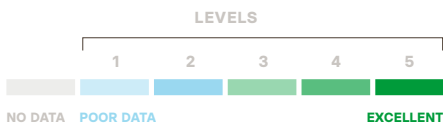
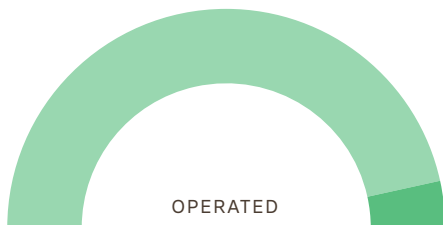
### 2025 TARGET (intensity\*)



\*Emissions from pipeline gas not returned to the user

### DATA QUALITY

### 2023 METHANE ESTIMATES (kt)



### PROGRESS TOWARDS GOLD STANDARD



### INDEX

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### SEGMENT

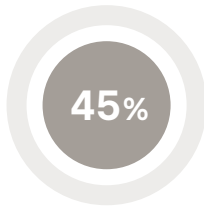
MIDSTREAM



**SAGGAS - PLANTA DE REGASIFICACIÓN DE SAGUNTO, S.A.**

The Saggas Company owns the regasification plant located in the port of Sagunto, a key infrastructure of the Spanish energy sector. Saggas provides greater security and efficiency to the national gas system by diversifying the natural gas entry points and placing ourselves close to the final consumption points. The proximity to the main producing countries in Africa and the Middle East means that Sagunto plant is strategically located. Liquefied natural gas (LNG) arrives at Saggas facilities by LNG vessels; it is changed the liquid to a gas and place it into the basic network of gas pipelines. Saggas services includes: vessel unloading, storage of LNG, regasification, loading of road tankers, reloading of methane tankers, loading of LNG to small-scale vessels. All processes use state-of-the-art technologies and are carried out under the strictest safety and quality controls. As a member of the energy sector, Saggas aims to improve its global performance and provide a solid base in order to develop initiatives in the areas of Sustainable Development, Energy and Climate Change. Saggas guarantees the development and use of efficient technologies. Saggas Carbon Strategy Plan 2014 – 2020 was our first goal, so that, we are on the verge of being more ambitious in our second Carbon Strategy Plan 2021 - 2026. We move forward together.

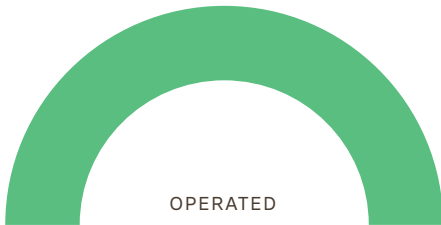
**2025 TARGET (absolute reduction\*)**



\*percentage reduction of annual methane emissions by 2025 based on 2015 estimates

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



**PROGRESS TOWARDS GOLD STANDARD**



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**SEGMENT**

**MIDSTREAM**



## SNAM

Snam is Europe's leading operator in natural gas transport. The company also deals with storage, of which it holds more than 17% of the European capacity, and regasification, with 13.5 billion cubic meters of gas per year that will rise to 18.5 billion cubic meters to 2025 thanks to the plant in Ravenna.

Snam ensures supply security and promotes the energy transition through investments in green gases (biomethane and hydrogen), energy efficiency, and CCS (Carbon Capture and Storage) technology. Snam is committed to renewing its infrastructure with hydrogen-ready standards and to developing integrated projects along the green gas value chain.

To account methane emissions, Snam developed an international methodology in collaboration with GRI - US EPA for over 20 years, integrated with emission factors based on field measurements carried out by external companies since the 1990s. Over the last years, emission factors for fugitive emissions have been updated, based on measurement campaign in representative facilities, in accordance with EN 15446.

Since 2021 Snam increased its absolute methane emissions reduction target from -45% to -55% by 2025 vs. 2015 related to the operated business. During 2023 Snam defined a new absolute methane emissions reduction target of -70% by 2030 vs. 2015 related to the operated business, a target aligned to what recommended by the OGMP 2.0. In 2023 Snam methane emissions decreased by 57% vs 2015. Snam also aims to reduce direct greenhouse gas emissions by 25% by 2027, 40% by 2030 reaching carbon neutrality (100%) by 2040.

Snam is also actively participating in different Working Groups and Task Forces at EU / international level (IGU, Marcogaz, GIE, CEN, GERG, MGP and others), including CDP activities reaching "Climate Change A List". Snam's targets, results and activities to reduce emissions are disclosed in Annual and Sustainability reports <https://www.snam.it/en/documents/annual-reports.html>

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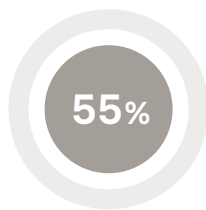
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## SEGMENT

MIDSTREAM

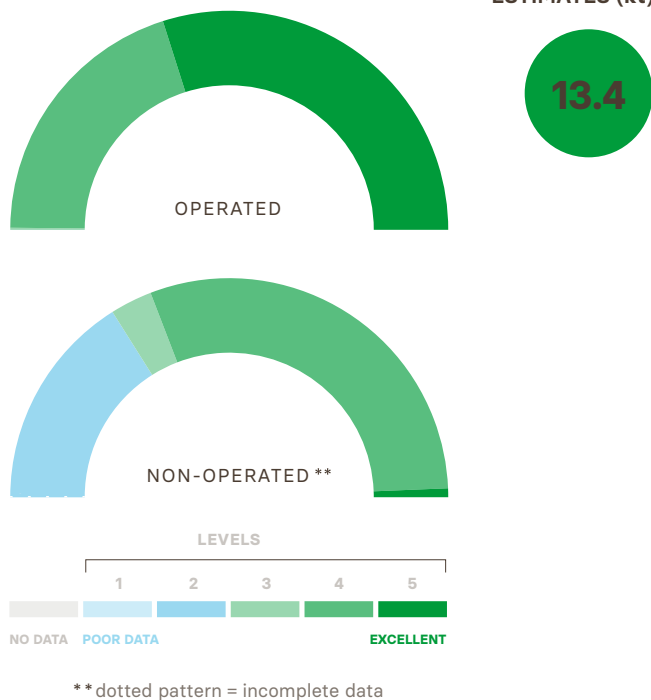
## 2025 TARGET (absolute reduction\*)



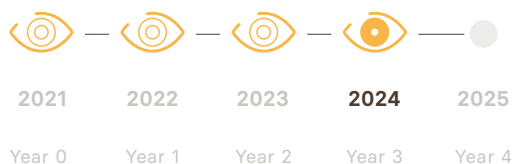
\*percentage reduction of annual methane emissions by 2025 based on 2015 estimates

## DATA QUALITY

## 2023 METHANE ESTIMATES (kt)



## PROGRESS TOWARDS GOLD STANDARD





**SOCIEDAD GNL MEJILLONES**

GNL Mejillones (GNLM), a subsidiary of ENGIE Group, is a leading Chilean company in gas infrastructure, specializing in the reception, storage, and regasification of liquefied natural gas (LNG). Located in Mejillones, Chile, it operates the second largest LNG facility in the country supplying the demand of the northern region. The company employs less than 100 workers and reported revenues around 120 MUSD in 2023.

GNLM offers flexible regasification services, with a daily capacity of 5.5 million Nm<sup>3</sup> of natural gas. It also runs a loading bay for tanker trucks, distributing LNG to regions beyond pipeline coverage.

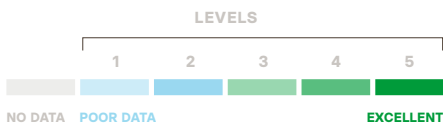
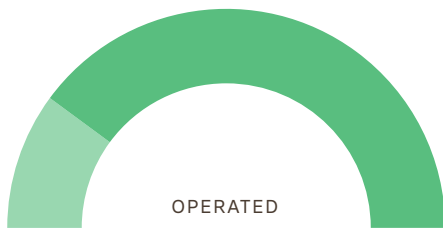
**2028 TARGET (absolute reduction\*)**



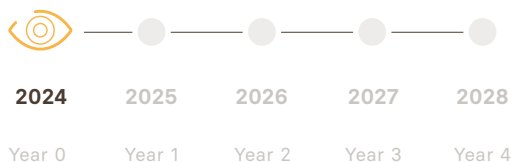
\*percentage reduction of annual methane emissions by 2028 based on 2023 estimates

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



**PROGRESS TOWARDS GOLD STANDARD**



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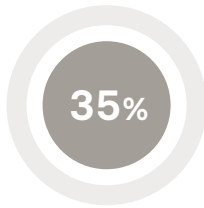
**SEGMENT**

**MIDSTREAM**



A company of ENGIE

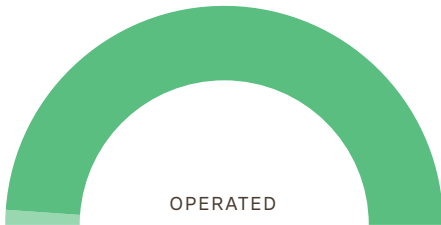
**2025 TARGET (absolute reduction\*)**



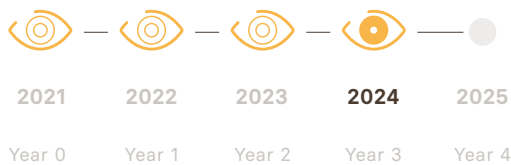
\*percentage reduction of annual methane emissions by 2025 based on 2016 estimates

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



**PROGRESS TOWARDS GOLD STANDARD**



**STORENGY DEUTSCHLAND GmbH**

Storengy Deutschland GmbH bundles the ENGIE group's gas storage activities in Germany. Its core business includes planning, construction and operation of storage facilities and marketing of gas storage capacities. Storengy operates six gas storage facilities across Germany and offers storage services for third parties: technical operations management, technical dispatching and maintenance.

Already below the "near zero" emissions intensity threshold (as defined by the OGCI), Storengy Deutschland GmbH engages itself, through its participation to OGMP 2.0, to continue its efforts to reduce its environmental impact, especially in term of methane emission. Storengy Deutschland GmbH wants to act on all the possible sources of methane emissions in its processes.

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**SEGMENT**

**MIDSTREAM**



A company of ENGIE

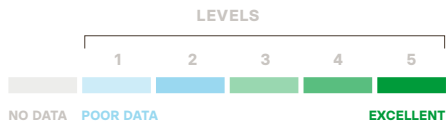
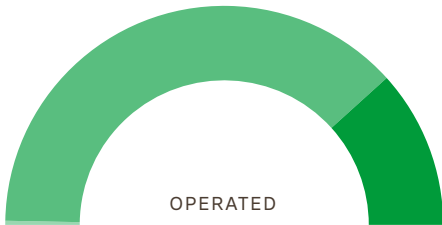
### 2025 TARGET (absolute reduction\*)



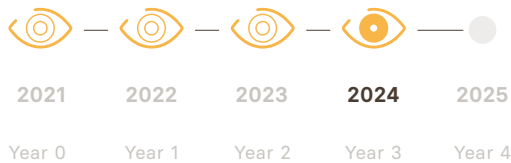
\*percentage reduction of annual methane emissions by 2025 based on 2016 estimates

### DATA QUALITY

### 2023 METHANE ESTIMATES (kt)



### PROGRESS TOWARDS GOLD STANDARD



### STORENGY FRANCE

Storengy France, a subsidiary of ENGIE, holds a significant position within the underground gas storage sector. Leveraging over six decades of expertise, the company manages and operates 14 storage facilities (9 in aquifers layers, 4 in salt caverns and 1 in a depleted field) in France. Offering cutting-edge solutions, Storengy France is committed to enhancing market flexibility and bolstering energy supply security. With a storage capacity of 10 billion cubic meters, Storengy France not only currently stores natural gas but also aims to incorporate renewable alternatives such as biomethane and hydrogen in its storage portfolio.

As a committed actor to the energy transition, Storengy France has identified the mitigation of methane emissions from its energy-related operations, especially those associated with underground storage as a significant strategic challenge. Consistently, Storengy France is committed on reducing by -40% the methane emissions of all storage sites in operation.

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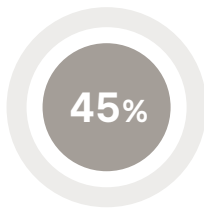
### SEGMENT

MIDSTREAM



A company of ENGIE

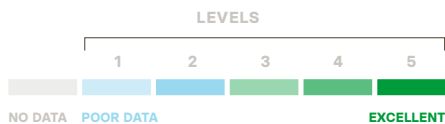
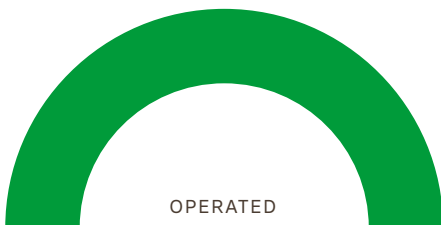
### 2025 TARGET (absolute reduction\*)



\*percentage reduction of annual methane emissions by 2025 based on 2016 estimates

### DATA QUALITY

### 2023 METHANE ESTIMATES (kt)



### PROGRESS TOWARDS GOLD STANDARD



### STORENGY UK

Storengy UK is a subsidiary of ENGIE, we developed and now operate the Stublach Natural Gas Storage site in Cheshire, the largest onshore in the UK. Storengy UK has operated the Stublach Gas Storage Project, a salt cavern storage facility in Cheshire, Northwich since 2007.

Stublach comprises 20 underground salt caverns, created between 2009 and 2018. Each of these caverns stores natural gas over 500 metres below the surface. Now fully completed, the scheme is the largest on-site gas storage facility in the country, enhancing the security of supply to the UK gas market. We are actively participating in the energy transition and supporting the UK government strategy to reach net zero by 2050.

#### Key Stats:

- Commercial Storage capacity 4.5 TWh
- The site can hold enough gas to supply the UK for 2 days (or to meet the gas needs of a big city like Greater Manchester - 1.2 million homes - for 120 days)

At Storengy UK we are passionate about actively supporting the transition to Net Zero carbon emissions. We have set ourselves an ambitious target of being net zero by 2025. We intend to deliver net zero through a range of projects including:

- Installation of gas recompression station for maintenance blowdowns
- Providing Hydrogen Refuelling Stations to facilitate the move away from diesel powered vehicles
- Hydrogen storage instead of natural gas
- Investing in the development of biogas plants using farm and food waste to produce net zero gas
- Geothermal Energy opportunities

### INDEX

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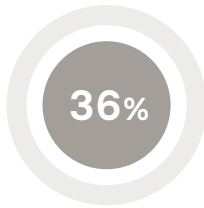
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### SEGMENT

MIDSTREAM



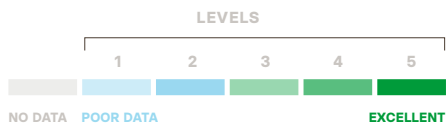
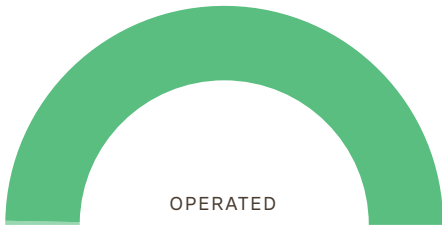
**2025 TARGET (absolute reduction\*)**



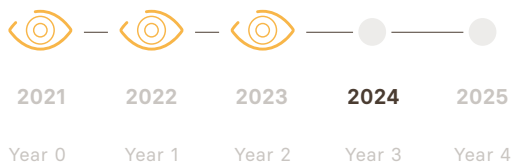
\*percentage reduction of annual methane emissions by 2025 based on 2017 estimates

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



**PROGRESS TOWARDS GOLD STANDARD**



**TERÉGA**

As a major European actor in the energy market, Teréga has been developing and operating gas transport and storage infrastructures for more than 75 years.

Representing about 15% of the french natural gas transport grid and 25% of french storage capacity, Teréga is committed to the safety, maintenance and enhancement of its infrastructures, to provide everyone with an ever safer, more efficient, and more environmentally integrated network.

As a responsible actor in the energy sector and fully aware of the challenges of environmental and energy transition, Teréga has been involved for several years in projects to reduce its carbon footprint, through its internal strategy relying on the "Avoid - Reduce - Offset" approach.

The engagement of Teréga in the OGMP initiative is a natural evidence, supporting the fact that the MRV (Measure - Reporting - Verification) process is the first key to a strong reduction path of CH4 emissions.

Teréga is committed to -34% Green House Gases emissions by 2030 (versus 2021) and -36% of methane emissions by 2025 (versus 2017). Thus, Teréga tests and implements solutions to reduce direct emissions of methane, including re-compression units for vented gas, replacing venting by flaring in various conditions, collection and reinjection of seal leaks.

Teréga aims at contributing to the energy transition through the development of projects to lower the carbon footprint of the energy supplied to its clients.

Therefore, Teréga has launched several studies for the development of hydrogen transmission and storage infrastructures, the development of biomethane infrastructures, and explores solutions for carbon capture & storage.

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**SEGMENT**

**MIDSTREAM**





**TERMINAL DE LNG DE ALTAMIRA, S. DE R.L. DE C.V.**

TLA Mission: In TLA we safely receive, store, re-gasify and deliver natural gas.

**Our Purpose:**

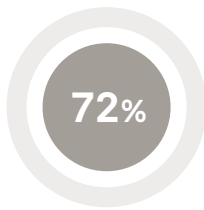
We aspire to help Mexico and other countries to ensure the necessary energy for the well-being of people and the development of their economies, and thus play a crucial role in the global energy transition.

**Our Integral Policy:** At TLA we are committed to the employees through the development of talent, to our clients, to our shareholders and to the entire community where TLA has an impact through its operations.

As first-level corporate citizens, we maintain a firm Commitment regarding the promises we make to our employees, customers, shareholders, suppliers and the community in general, to deserve their trust.

- TLA is proudly a JV of Vopak and Enagas
- Facilities covering 45.3 Hs., including Port Infrastructure, with a total LNG Storage Capacity of 300,000 m3 (132,000 Ton.) in two LNG tanks.
- Our operations are certified as Clean Industry, Environment ISO 14001:2015, Quality ISO 9001:2015, Security ISO 45001:2018, PASST (STPS) and ISPS Code Certification
- TLA is a Socially Responsible Company and currently employs 77 people.

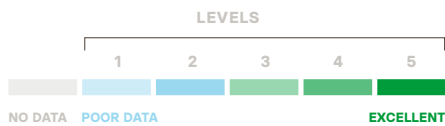
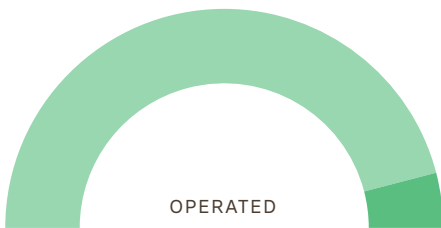
**2025 TARGET (absolute reduction\*)**



\*percentage reduction of annual methane emissions by 2025 based on 2019 estimates

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



**PROGRESS TOWARDS GOLD STANDARD**



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**SEGMENT**

**MIDSTREAM**



# terrane**ts** bw

## TERRANETS BW

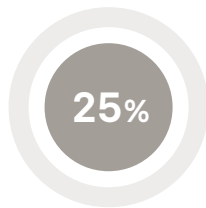
terrane**ts** bw is an independent transmission system operator for gas and has been operating a gas network in Baden-Württemberg, Germany since 1961. With its approximately 2.750 km long pipeline grid, terrane**ts** bw guarantees the non-discriminatory transmission of gas from Lower Saxony to Lake Constance. terrane**ts** bw provides its customers with a broad range of services related to gas transmission and telecommunication infrastructure. Around 300 employees work for the company in nine locations in Baden-Württemberg and Hessen.

Along with pursuing the highest level of supply security and to reduce CO<sub>2</sub>eq. emissions, terrane**ts** bw aims to reduce its methane emissions till 2028 by 25 % compared to 2023, but even before joining OGMP 2.0 the company has been working towards the goal of reducing emissions by 50 % by 2025 compared to 2015, which will already be achieved this year.

In addition to the expansion of renewable energies, a sustainable energy supply will continue to require high-performance gas infrastructure and a significant use of green hydrogen. terrane**ts** bw is planning all conversion and expansion measures to be "H<sub>2</sub> ready" and thus designed for the transport of hydrogen. By 2032, the hydrogen core network will be the first Germany-wide hydrogen network with a length of almost 10.000 km.

On the platform "H<sub>2</sub> for BW" initiative ([www.h2-fuer-bw.de](http://www.h2-fuer-bw.de)), terrane**ts** bw transparently shares its plans, concrete conversion projects and identifies future hydrogen requirements. Together with grid operators and hydrogen producers, the company is working in reliable transport routes from the sources to main areas of demand in Baden-Württemberg.

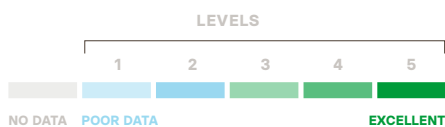
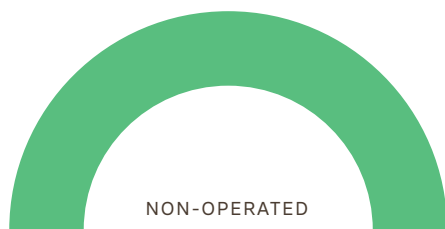
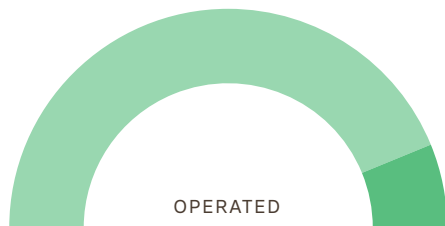
### 2028 TARGET (absolute reduction\*)



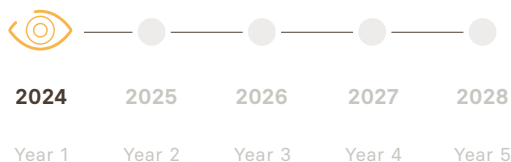
\*percentage reduction of annual methane emissions by 2028 based on 2023 estimates

### DATA QUALITY

### 2023 METHANE ESTIMATES (kt)



### PROGRESS TOWARDS GOLD STANDARD



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### SEGMENT

MIDSTREAM



# Trans Adriatic Pipeline

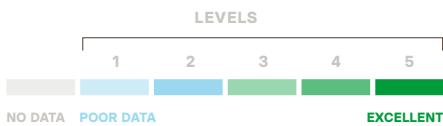
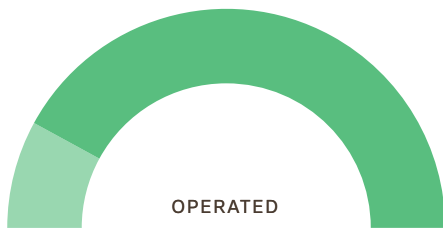
## 2025 TARGET (intensity\*)



\*per Nm<sup>3</sup> of gas transported

## DATA QUALITY

## 2023 METHANE ESTIMATES (kt)



## PROGRESS TOWARDS GOLD STANDARD



## TRANS ADRIATIC PIPELINE

TAP transports natural gas from the giant Shah Deniz field in the Azerbaijani sector of the Caspian Sea to Europe. The 877 km long pipeline connects with the Trans Anatolian Pipeline (TANAP) at the Turkish-Greek border, crosses Greece and Albania and the Adriatic Sea, before coming ashore in Southern Italy.

TAP facilitates gas supplies to South Eastern European countries through existing and prospective interconnectors. TAP is connected to Interconnector Greece Bulgaria (IGB) which started its commercial operations in October 2022, providing Caspian gas to Bulgaria, enhancing security of energy supplies in one more European country.

TAP is strategically and economically important to Europe and essential in providing reliable access to a new source of natural gas. TAP plays a significant role in boosting Europe's energy security, supply diversification, as well as its decarbonisation objectives.

As Europe transitions to climate neutrality, we are focused on making sure this happens in a sustainable manner. We placed ourselves on a decarbonisation pathway aiming to ensure that our operations are climate neutral by 2050. Our short-term target is to reduce our carbon footprint by 5, the methane emissions by 8 and the fugitive emissions by 54% between now and 2025. Moreover, in the context of our expansion framework, we are assessing the potential of electrifying our new compressor units and stations, ideally with renewables-generated power.

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## SEGMENT

MIDSTREAM

**TRANS AUSTRIA GASLEITUNG GMBH**

TAG GmbH with its approximately 1,140 km long pipeline system and 5 compressor stations (approx. 420 MW of power installed) is a certified Austrian Independent Transmission Operator with its main activities in the transport of gas and the operation and maintenance of high-pressure gas pipelines and facilities for the reliable and secure supply of energy to Austria and neighboring countries.

We are aware of the common challenges to tackle climate change and considerable efforts have been made in the past to continuously reduce emissions with a positive impact on environment (reduction of GHG emissions).

The company aims to reduce its absolute methane emissions by 27% by 2025 and is therefore particularly keen to be an active partner in the Oil and Gas Methane Partnership.

The TAG Pipeline System is continuously being adapted to the state of the art and operated in compliance with the strict legal requirements. In addition, we implement measures to achieve a continuous and sustainable reduction of GHG emissions. For example, ten heavy duty gas-operated compressor units were decommissioned and replaced by four electric driven compressors within the last five years.

The harmonized recording and reporting of emissions and the professional exchange within OGMP make it possible to identify further potentials in the prevention of methane emissions in gas transportation. The company is also a member of the European Hydrogen Backbone (EHB), to actively contribute future steps towards a carbon-free society.

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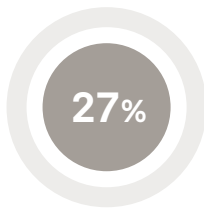
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**SEGMENT**

**MIDSTREAM**

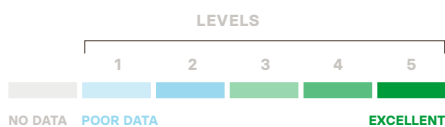
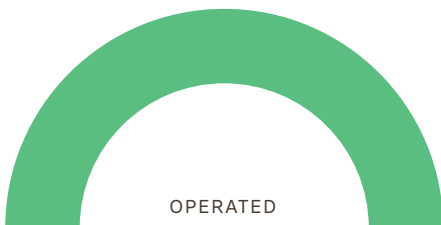
**2025 TARGET (absolute reduction\*)**



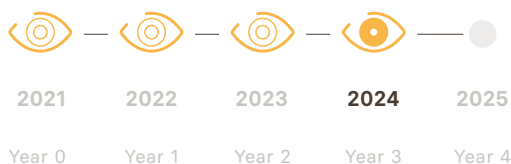
\*percentage reduction of annual methane emissions by 2025 based on average 2015-2020 estimates

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**

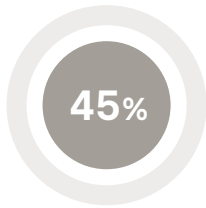


**PROGRESS TOWARDS GOLD STANDARD**





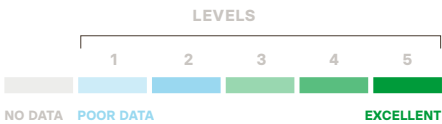
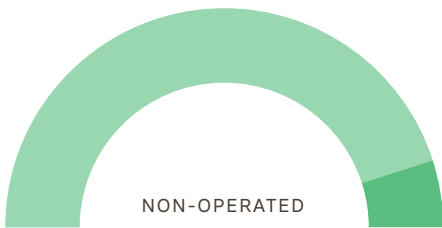
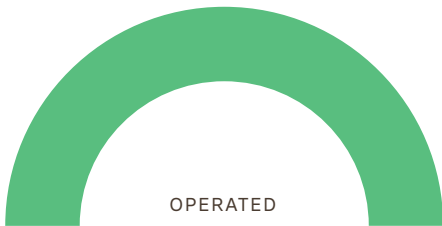
**2025 TARGET (absolute reduction\*)**



\*percentage reduction of annual methane emissions by 2025 based on 2015 estimates

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



**PROGRESS TOWARDS GOLD STANDARD**



**UNIPER ENERGY STORAGE**

Uniper Energy Storage operates underground gas storage facilities and holds interests in non-operated facilities in Germany, Austria and the UK. Providing an overall storage capacity of around 83 TWh – around 7% of all Europe’s gas storage capacity - the company is one of the top 5 storage operators in Europe in terms of capacity. Based on its solid operating experience, acquired over several decades through its predecessor companies, Uniper Energy Storage identified the importance of methane emission reductions early on and became a launching member of the Oil and Gas Methane Partnership (OGMP) 2.0 in 2020.

Uniper Energy Storage reported in 2020 until 2022 the majority of its methane emissions from operated assets on a level 4 reporting standard, received Gold Standard in these years and has already successfully achieved substantial emission reductions compared to the base year 2015. Uniper Energy Storage is committed to monitor closely its methane emissions, to record them in accordance with aligned, reliable and comparable methodologies and is actively promoting the OGMP 2.0 reporting framework with its Joint Venture partners for non-operated assets.

Uniper Energy Storage stays with the already submitted absolute reduction target which is to reduce the methane emissions of active and self-operated assets by 45% compared to 2015 until 2025.

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**SEGMENT**

**MIDSTREAM**

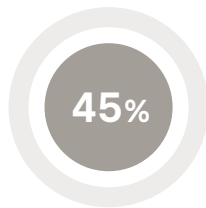
## VNG GASSPEICHER

VNG Gasspeicher GmbH has been building and operating underground gas storage facilities for half a century. Accordingly, all of our technical gas storage processes are safe, reliable and efficient. This is backed up by a highly qualified team at all storage sites, state-of-the-art telecontrol technology - and integrated quality and safety management.

At the same time, development never stands still. We are constantly working with market partners and scientists on the storage facilities and technologies of tomorrow. Key issues here are sustainability and environmental protection.

Our society is undergoing a profound transformation to combine a secure energy supply with effective climate protection. To ensure that we, as a gas storage company, can make a contribution to the transformation within our means, we are voluntarily committed, among other things as an OGMP member, to measuring and reducing our methane emissions. At the same time, we are implementing the mandatory provisions of the EU Methane Regulation internally. We are also implementing the mandatory provisions of the EU Methane Regulation internally.

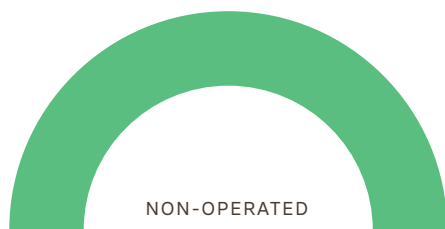
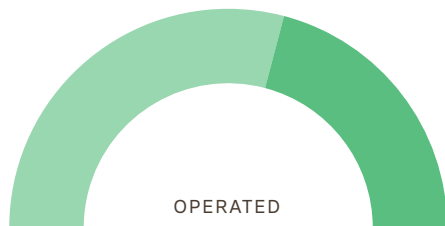
### 2025 TARGET (absolute reduction\*)



\*percentage reduction of annual methane emissions by 2025 based on 2020 estimates

### DATA QUALITY

### 2023 METHANE ESTIMATES (kt)



### PROGRESS TOWARDS GOLD STANDARD



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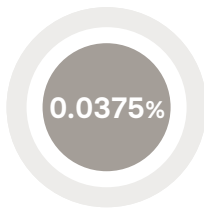
### SEGMENT

MIDSTREAM



WE MAKE CLEAN ENERGY HAPPEN®

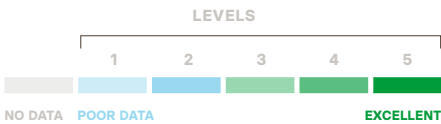
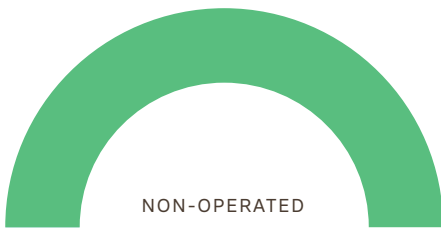
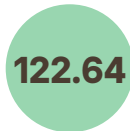
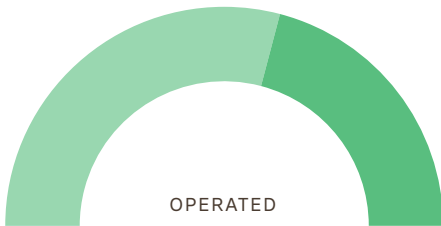
2028 TARGET (intensity\*)



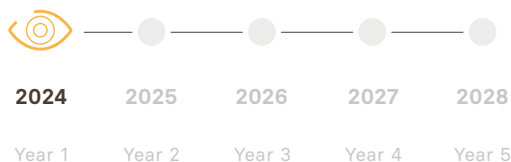
\* maximum amount of annual methane emissions by 2028 per methane throughput

DATA QUALITY

2023 METHANE ESTIMATES (kt)



PROGRESS TOWARDS GOLD STANDARD



WILLIAMS

Williams (NYSE: WMB) is a trusted energy industry leader committed to safely, reliably, and responsibly meeting growing energy demand. With a focus on transporting natural gas, our operations span much of the natural gas value chain, including gathering, processing, interstate transportation, storage, wholesale marketing and trading of natural gas and natural gas liquids (NGL). With major positions in 14 top U.S. supply basins, Williams connects the best supplies with growing demand for clean energy.

Williams owns and operates more than 33,000 miles of pipelines system-wide — including Transco, the nation's largest volume pipeline — and handles approximately one third of the natural gas in the U.S. Every day, we transport products that are critical for power generation, home heating and cooking and industrial uses across the U.S. For over a century, we've been driven by a passion for doing things the right way. Today, our team of problem solvers is leading the charge into the clean energy future — by powering the global economy while delivering immediate emissions reductions within our natural gas network and investing in new energy technologies. Learn more at [www.williams.com](http://www.williams.com).

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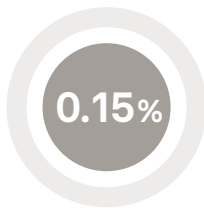
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SEGMENT

MIDSTREAM



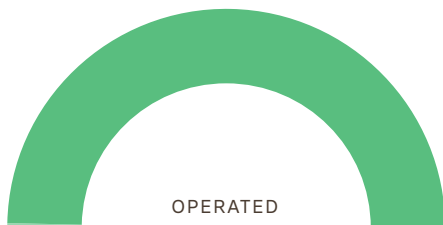
**2025 TARGET (intensity\*)**



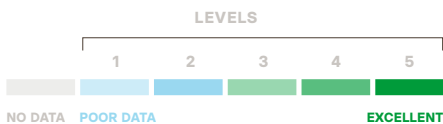
\* maximum amount of annual methane emissions by 2025 as a percentage of sales gas

**DATA QUALITY**

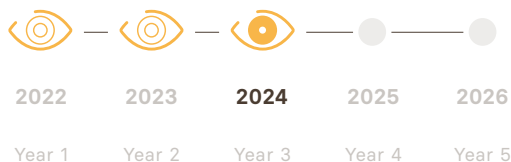
**2023 METHANE ESTIMATES (kt)**



2 operated assets out of 48 assets in scope not reported



**GOLD STANDARD**



**ADNOC**

Founded in 1971, ADNOC is a leading diversified energy group, wholly owned by the Abu Dhabi Government. Our network of fully integrated businesses operates across the energy value chain, helping us to responsibly meet the demands of an ever-changing energy market.

Already in the top tier of the lowest carbon intensity oil and gas producers in the world, we are taking significant steps to make today's energy cleaner while investing in the clean energies of tomorrow, strengthening our position as a reliable and responsible global energy provider.

We are allocating an initial \$23 billion to advance and accelerate lower-carbon solutions, investing in new energies and decarbonization technologies to enable our net zero by 2045 ambition and our commitment to near zero methane emissions by 2030.

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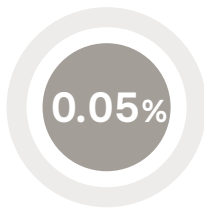
**SEGMENT**

**UPSTREAM**





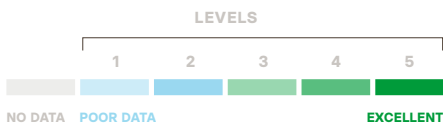
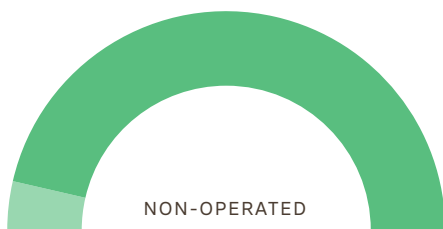
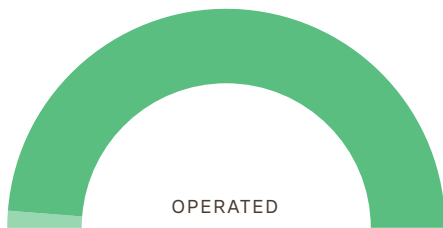
**2030 TARGET (intensity\*)**



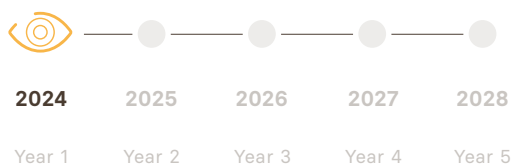
\* maximum amount of annual methane emissions by 2030 as a percentage of marketed gas

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



**GOLD STANDARD**



**AKERBP**

Aker BP ASA is an upstream oil and gas company engaged in exploration, development and production activities on the Norwegian continental shelf (NCS). Aker BP intends to contribute to the energy transition and security through our role as a responsible provider of low-cost oil and gas produced with low GHG intensity. Reducing Aker BP's methane emissions is an integral part of our climate action. We have set a long-term target of limiting the methane intensity of our saleable gas to less than 0,05 %. It complies well with our climate transition plan to reduce our Scope 1+2 emissions under operational control by 50 % by 2030 and to achieve net-zero greenhouse gas emissions (Scope 1 and 2) across our equity share of operations by 2030. In 2023, we joined OGMP 2.0 to further strengthen our climate strategy.

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**SEGMENT**

**UPSTREAM**



**APACHE CORP**

APA Corporation's subsidiaries have operations in the United States, Egypt's Western Desert and the United Kingdom's North Sea and exploration opportunities offshore Suriname.

Since 1954, our team has been unified by our values, our commitment to building shareholder value, and our culture, which empowers every employee to make decisions and achieve the company's goals. Our global team is brought together by a sense of ownership and the knowledge that the best answers win. We strive to deliver shareholder returns while helping to fulfill global energy needs and developing innovative, more sustainable ways to operate. We aim to be a community partner in our areas of operation, focused on protecting the safety and health of our employees, communities and the environment.

In 2021, Apache Corporation moved to a holding company structure under APA Corporation, the public company trading on the Nasdaq stock exchange. Apache Corporation is a direct, wholly-owned subsidiary of APA and continues to hold assets in the U.S., Egypt and the U.K.

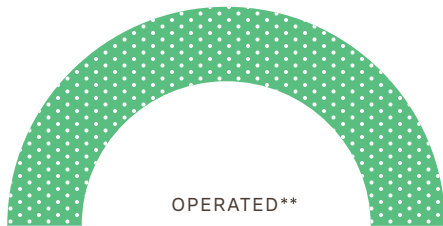
**2028 TARGET (intensity\*)**



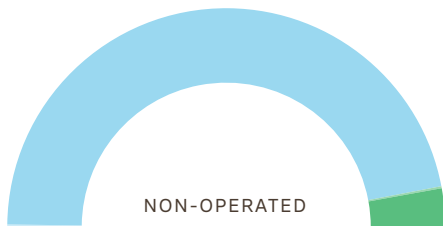
\* kg methane/Gross Production (BOE)

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



3 operated assets out of 3 assets in scope reported with missing data in at least one of the sources (dotted pattern)

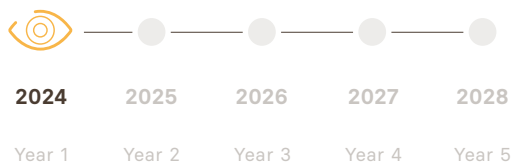


102 non-operated assets out of 107 assets in scope excluded due to the materiality rule (<5% equity)



\*\* dotted pattern = incomplete data

**GOLD STANDARD**



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**SEGMENT**

**UPSTREAM**



**2028 TARGET (intensity\*)**



\*ton of CH4 per kboe (hydrocarbons produced)

**AZULE ENERGY**

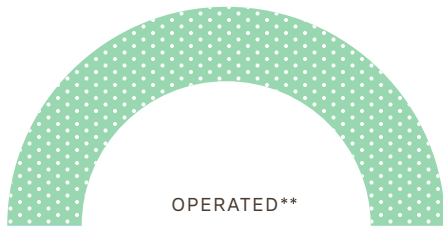
Azule Energy is an international and independent energy company based in Angola, with the aspiration of becoming a leader in the country and region's energy sector.

We are a prominent upstream player in the region and the top equity producer in Angola. Our strategy focuses on maximizing value from our oil and gas assets while accelerating the transition to low-carbon energy sources. By investing in natural gas and renewable energy, we aim to create a more resilient and reliable energy system.

The company targets a 40% reduction in Scope 1 GHG emissions by 2030 (baseline: 2019) and near-zero methane intensity by 2030.

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**

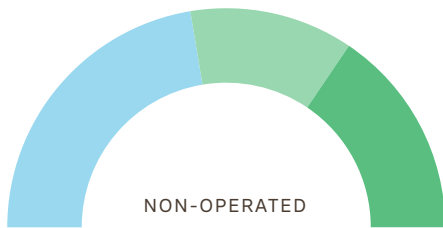


OPERATED\*\*



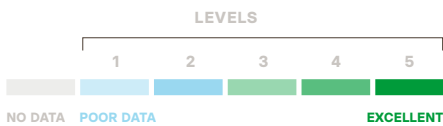
8.2

4 operated assets out of 4 assets in scope reported with missing data in at least one of the sources (dotted pattern)



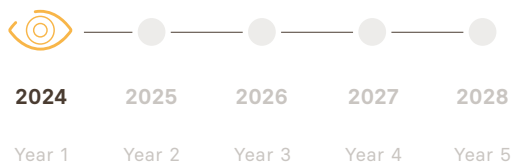
NON-OPERATED

2 non-operated assets out of 5 assets in scope not reported



\*\* dotted pattern = incomplete data

**GOLD STANDARD**



**INDEX**

**DATA QUALITY** = Reporting levels 1 to 5, where increasing level corresponds to increased use of direct measurements

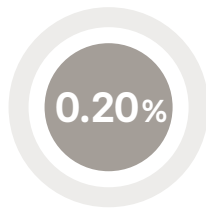
**GOLD STANDARD** has been awarded to companies who demonstrate an explicit and credible path to report all material assets at levels 4 and 5 within 3 years for operated ventures and within 5 years for non operated ventures. The Gold Standard is maintained by meeting the credible path and continuing to progress reporting to level 5 for the overwhelming majority of material assets.

**SEGMENT**

**UPSTREAM**



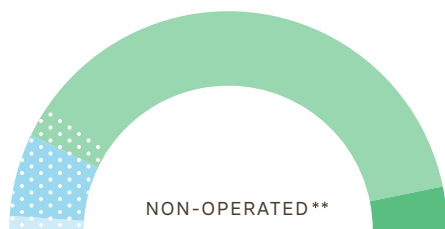
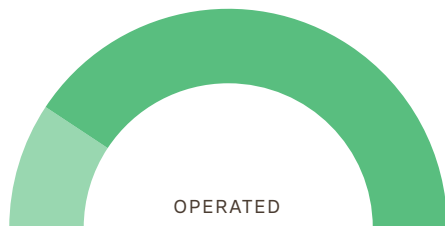
**2025 TARGET (intensity\*)**



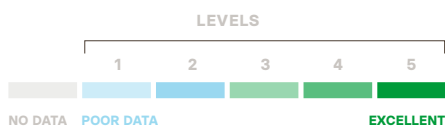
\* methane emissions based on measurement in line with the bp methane measurement hierarchy as a percentage of marketed gas

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**

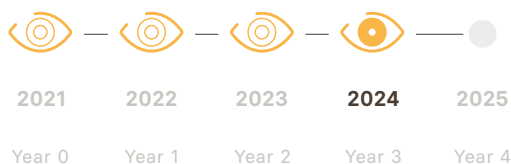


3 non-operated assets out of 42 assets in scope excluded due to the materiality rule (<5% equity)



\*\* dotted pattern = incomplete data

**GOLD STANDARD**



**BP**

bp has an ambition to be a net zero company by 2050 or sooner. We believe our net zero ambition and aims, taken together, set out a path for bp that is consistent with the goals of the Paris Agreement. These include policy, advocacy, low methane collaboration and support for others in their own decarbonization efforts. The use of technologies to detect, measure and reduce methane is evolving at a pace. The measurement technology solutions adopted on our flare and gas turbines will provide us with real-time data to help improve methane performance. We are also using drone and aircraft-mounted sensors to verify reported methane emissions at selected locations.

We intend to take stock of our targets under aim 4 based on what we learn from our ongoing methane measurement activities and to take account of the Oil & Gas Decarbonization Charter announced at COP28 which we signed in 2023. We will also monitor new developments and assess new solutions as they emerge.

We are helping different NOJVs make progress and in many instances, we are learning from them. We encourage them to work in line with guidance from organizations such as the Methane Guiding Principles (MGP) and OGMP.

We are part of the Advancing Global Methane Reductions (AGMR) which is part of a larger undertaking being run through the MGP and plan to work with several companies to bring together key stakeholders, partners, research institutes and government leaders to support efforts towards developing a methane reduction pathway. A number of bp's NOJVs are OGMP signatories themselves or are operated by OGMP signatories and their data is therefore not included in bp's annual submission. As such, bp is not in a position to validate the methane data or reporting levels (or missing sources) submitted by those NOJVs and which is included in bp's non-operated chart here. bp continues to support its NOJVs on their OGMP journeys.

**INDEX**

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**SEGMENT**

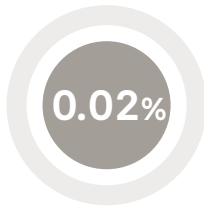
**UPSTREAM**

# CHESAPEAKE ENERGY

## CHESAPEAKE ENERGY

Headquartered in Oklahoma City, Chesapeake Energy Corporation is powered by dedicated and innovative employees focused on responsibly developing a leading position in top U.S. natural gas plays. With a goal to achieve net zero greenhouse gas (GHG) emissions (Scope 1 and Scope 2) by 2035, Chesapeake is committed to safely answering the call for affordable, reliable, lower carbon energy.

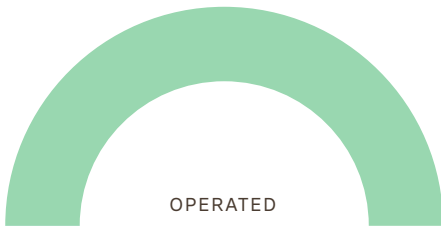
### 2025 TARGET (intensity\*)



\* maximum amount of annual methane emissions by 2025 as a percentage of produced gas

### DATA QUALITY

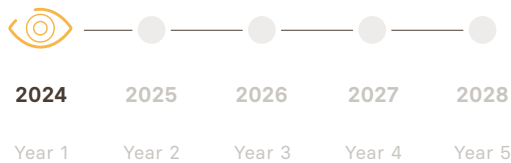
### 2023 METHANE ESTIMATES (kt)



20 non-operated assets out of 20 assets in scope excluded due to the materiality rule (<5% equity)



### GOLD STANDARD



### INDEX

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### SEGMENT

**UPSTREAM**



**CIVITAS RESOURCES**

Operational expertise, unwavering commitment to sustainability, and shared community values reach new levels at Civitas, a company born by bringing together decades of operational experience in the DJ Basin. Civitas is the first carbon-neutral oil and gas producer in Colorado.

With a premier management team focused on innovation and our commitment to long-term sustainability, Civitas saw an opportunity to diversify, scale, and extend its business model through acquiring premium positions in the Permian Basin through the acquisition of assets in the Midland and Delaware basins of west Texas and New Mexico in 2023. Civitas is committed to delivering value for our shareholders, local economies, our neighbors, and the energy industry for decades to come.

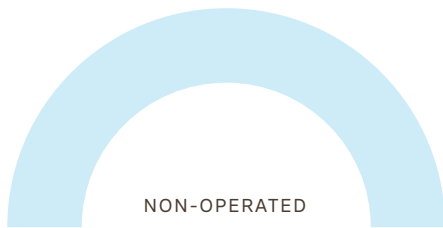
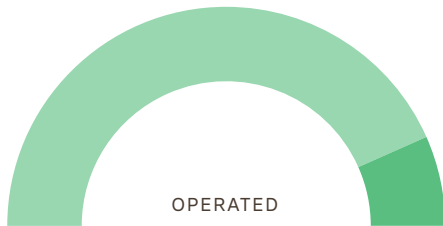
**2025 TARGET (intensity\*)**



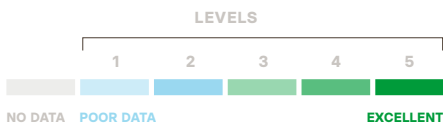
\*maximum amount of annual methane emissions by 2025 as a percentage of gas throughput

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



24 non-operated assets out of 26 assets in scope excluded due to the materiality rule (<5% equity)



**GOLD STANDARD**



**INDEX**

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**SEGMENT**

**UPSTREAM**



**CONOCOPHILLIPS**

ConocoPhillips is one of the world's leading exploration and production companies based on both production and reserves, with a globally diversified asset portfolio. Headquartered in Houston, Texas, ConocoPhillips had operations and activities in 13 countries, \$97 billion of total assets, and approximately 10,300 employees on Sept. 30, 2024.

Methane reductions are regarded as a critical near-term action as the company makes progress toward its net-zero operational emissions ambition by 2050. As of year-end 2023, ConocoPhillips achieved an approximate 50% reduction in methane emissions intensity from 2015, by implementing a strategy including:

- Detecting fugitive emissions early.
- Evaluating and executing emissions reduction opportunities.
- Validating emissions measurement through OGMP 2.0.
- Maintaining sound operating practices, including aerial and ground-based surveys for leak detection.

The company aims to reduce methane emissions intensity 10% by 2025, from a 2019 baseline. This target was strengthened by setting a medium-term target to achieve a near-zero methane emissions intensity by 2030. In this context, near-zero is defined as 1.5 kg CO<sub>2</sub>e methane/BOE or approximately 0.15% of natural gas produced. This is equivalent to a 50% reduction from the 2019 baseline. In addition to these methane emissions reduction targets, the company's target framework includes total GHG emissions intensity and flaring reductions, such as:

- Reducing GHG emissions intensity to 50 – 60% by 2030 on both a gross operated and net equity basis from a 2016 baseline.
- Achieving a target of zero routine flaring by the end of 2025, five years sooner than the World Bank initiative's goal of 2030.

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**SEGMENT**

**UPSTREAM**

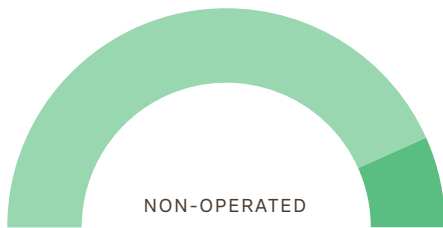
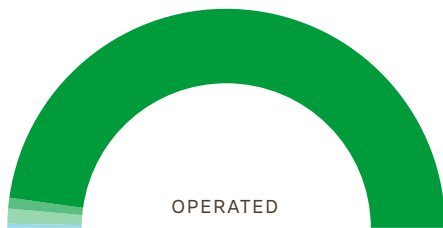
**2025 TARGET (intensity\*)**



\* kg CO<sub>2</sub>e methane per BOE baseline

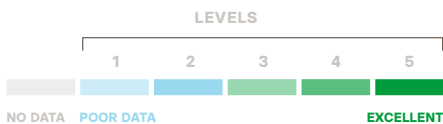
**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**

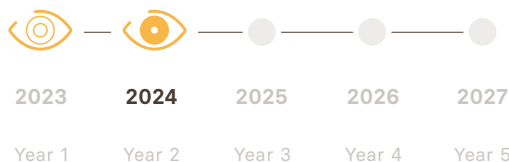


151 non-operated assets out of 161 assets in scope not reported

149 non-operated assets out of 161 assets in scope excluded due to the materiality rule (<5% equity)



**GOLD STANDARD**



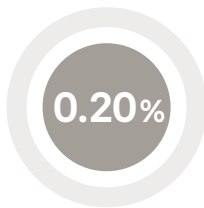


## COTERRA ENERGY

Coterra Energy Inc. ("Coterra" or the "Company") is a premier, exploration and production company based in Houston, Texas with focused operations in the Permian Basin, Marcellus Shale, and Anadarko Basin. Energy products are critical to supporting our everyday lives and Coterra is dedicated to sustainably meeting the demands of the evolving energy marketplace in a way that generates value for all our stakeholders.

At Coterra, we strive to deliver sustainable returns to investors, to offer a rewarding experience for our team, and to provide reliable energy solutions – safely and responsibly. Ensuring our operations are both safe and responsibly managed remain key pillars of our business. To uphold our commitments, Coterra diligently measures the efficiency and impact of our business.

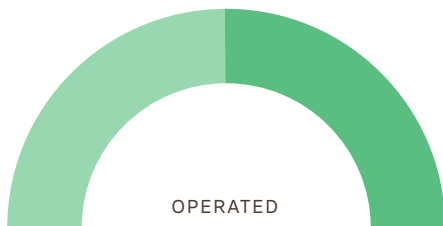
### 2028 TARGET (intensity\*)



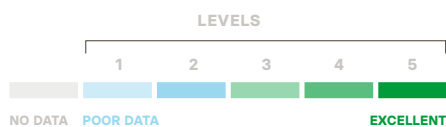
\* maximum amount of annual methane emissions by 2028 as a percentage of marketed gas

### DATA QUALITY

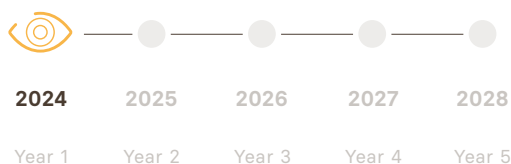
### 2023 METHANE ESTIMATES (kt)



70 non-operated assets out of 70 assets in scope excluded due to the materiality rule (<5% equity)



### GOLD STANDARD



### INDEX

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### SEGMENT

UPSTREAM

MIDSTREAM





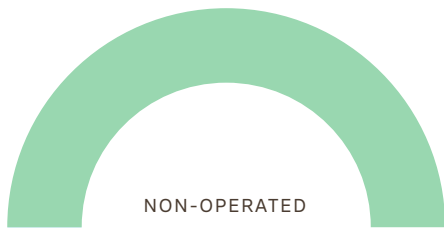
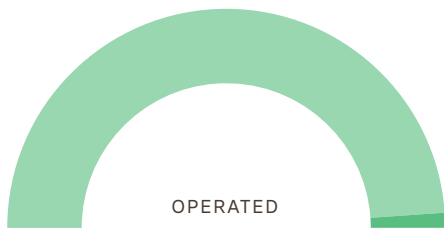
**2025 TARGET (intensity\*)**



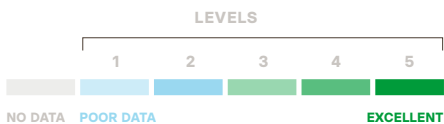
\* maximum amount of annual methane emissions by 2025 as a percentage of produced gas

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



2 non-operated assets out of 3 assets in scope excluded due to the materiality rule (<5% equity)



**GOLD STANDARD**



**CRESCENT ENERGY**

Crescent is a differentiated U.S. energy company committed to delivering value for shareholders through a disciplined growth through acquisition strategy and consistent return of capital. Crescent's portfolio of low decline, cash-flow oriented assets comprises both mid-cycle unconventional and conventional assets with a long reserve life and deep inventory of high-return development locations in the Eagle Ford and Uinta basins. Crescent's leadership is an experienced team of investment, financial and industry professionals that combines proven investment and operating expertise. For more than a decade, Crescent and its predecessors have executed on a consistent strategy focused on cash flow, risk management and returns. For additional information, please visit [www.crescentenergyco.com](http://www.crescentenergyco.com).

Crescent's operations are focused in Texas and the Rockies with active development in the Eagle Ford and Uinta basins. Crescent also operates conventional assets in Wyoming where it is active in the carbon capture, use and sequestration ("CCUS") market.

Crescent strives to be good stewards of others' assets: our investors' capital, the environment and the communities in which it operates. Crescent believes that this stewardship, and our success, requires an alignment with the interests of our stakeholders including our employees, investors, customers, suppliers and society at large.

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**SEGMENT**

**UPSTREAM**

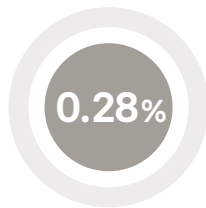


**DEVON ENERGY**

Devon Energy (Devon) is an independent energy company engaged in the exploration and production of oil, natural gas, and natural gas liquids. Devon is among the largest U.S.-based independent producers and is included in the S&P 500 index. The company is based in Oklahoma City, Oklahoma. Devon's operations are concentrated in five key areas across the United States, including the Delaware Basin of southeast New Mexico and west Texas, the Eagle Ford Shale in south Texas, the Powder River Basin in Wyoming, the Williston Basin in North Dakota, and the Anadarko Basin in western Oklahoma.

Since its founding in 1971, Devon has pioneered operational practices, proactively applied new technology, and adapted to evolving market conditions, regulatory environments, and increasing stakeholder expectations. This long history will be key to delivering on the company's ambitious emission reduction targets. Devon's emission reduction strategy will involve a range of actions, including expanding and evolving its leak detection and repair (LDAR) program; deploying advanced methane detection technologies in each of its operating areas; reducing the volume of natural gas that is flared; electrifying facilities to reduce the use of natural gas and diesel consumed onsite, including transitioning from gas-driven to air-driven pneumatic controllers or other viable solutions; and voluntarily optimizing facility design to minimize potential leak points and common equipment failures.

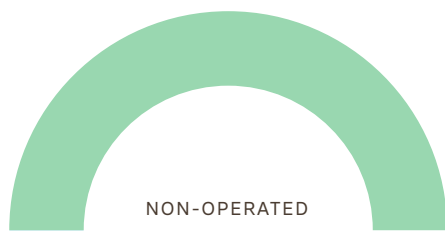
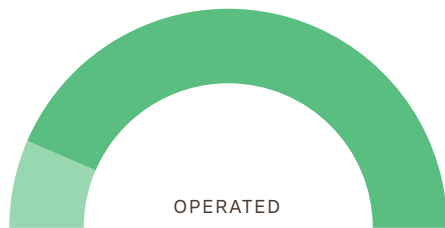
**2025 TARGET (intensity\*)**



\* maximum amount of annual methane emissions by 2025 as a percentage of produced gas

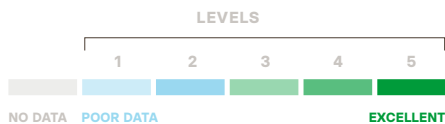
**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



279 non-operated assets out of 308 assets in scope not reported

251 non-operated assets out of 308 assets in scope excluded due to the materiality rule (<5% equity)



**GOLD STANDARD**



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**SEGMENT**

**UPSTREAM**



**DIAMONDBACK ENERGY**

Diamondback is an independent oil and natural gas company headquartered in Midland, Texas focused on the acquisition, development, exploration and exploitation of unconventional, onshore oil and natural gas reserves in the Permian Basin in West Texas. For more information, please visit [www.diamondbackenergy.com](http://www.diamondbackenergy.com).

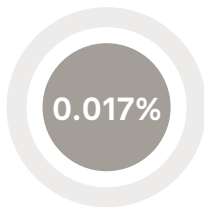
**Vision:**

At Diamondback, we believe our business success is achieved through our disciplined commitment to a culture of excellence, efficiency and low cost structure. We are committed to doing business in the right way—focused on our five core values of integrity, leadership, excellence, people and teamwork.

**Goals:**

- By 2024, achieve reduced Scope 1 GHG intensity by at least 50% from 2019 levels
- By 2024, achieve reduced methane intensity by at least 70% from 2019 levels
- By 2025, eliminate routine flaring (as defined by the World Bank)
- By 2030, achieve reduced Scope 1+2 GHG intensity by at least 50% from 2020 levels

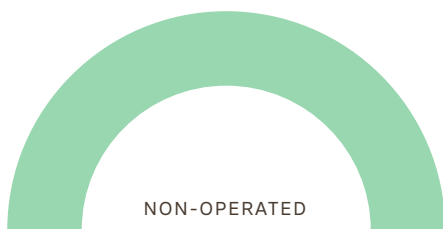
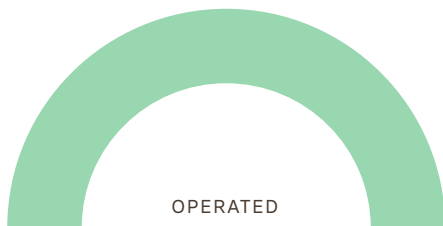
**2025 TARGET (intensity\*)**



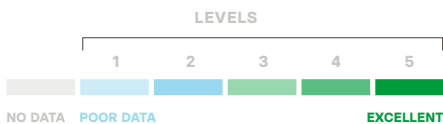
\* maximum amount of annual methane emissions by 2025 as a percentage of produced MBOE

**DATA QUALITY**

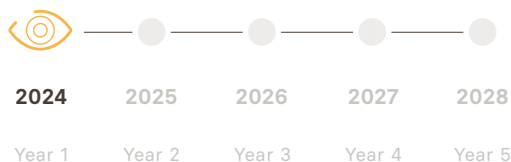
**2023 METHANE ESTIMATES (kt)**



50 non-operated assets out of 52 assets in scope excluded due to the materiality rule (<5% equity)



**GOLD STANDARD**



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**SEGMENT**

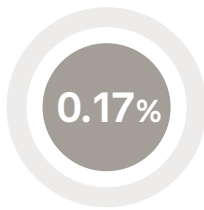
**UPSTREAM**



**DIVERSIFIED ENERGY COMPANY, PLC**

Headquartered in Birmingham, Alabama and listed on the London Stock Exchange (LSE ticker: DEC), Diversified is a leading U.S. independent energy company engaged primarily in the production, marketing and transportation of natural gas. As the largest independent conventional producer in the Appalachian Basin and with an expanding asset base in its Central Region, our vertically integrated business also includes a newly acquired and expanded asset retirement company, Next LVL Energy, which now represents a significant portion of the current well retirement capacity in Appalachia.

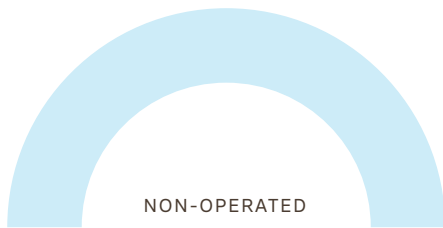
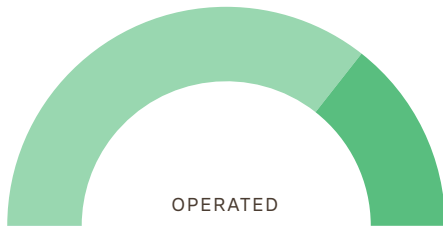
**2028 TARGET (intensity\*)**



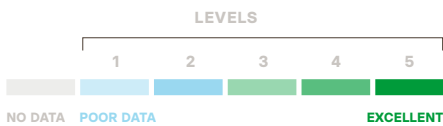
\* maximum amount of annual methane emissions by 2028 as a percentage of produced gas

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



65 non-operated assets out of 66 assets in scope excluded due to the materiality rule (<5% equity)



**GOLD STANDARD**



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**SEGMENT**

**UPSTREAM**



**ECOPETROL**

Ecopetrol S.A. is the National Oil and Gas Company of Colombia, linked to the Ministry of Mines and Energy. The company has operations in Colombia, Brazil and the United States (Gulf of Mexico and Permian Texas) and participates in all the segments of the hydrocarbons chain: exploration, production, transportation, refining and commercialization. The long-term strategy (2040) of the Ecopetrol Group, called "Energy that Transforms", fully addresses current environmental, social, and governance challenges, maintaining its focus on generating sustainable value for all its stakeholders. Through this strategy, Ecopetrol seeks to become a leading company in the Americas in the diversification of energy sources and to enable the growth of the company with the Energy Transition by maximizing the value and competitiveness of the oil businesses, accelerating the diversification of the portfolio, without neglecting the generation of value through T ESG, ensuring the decarbonization of operations and leveraging on Technology, Innovation and Human Talent to maintain Competitive Returns. Consequently, in March 2021 the company announced the plan to accelerate the decarbonization of its operations being the first O&G Company in Latin-America to do so. By 2030, Ecopetrol seeks to reduce its CO<sub>2</sub>e emissions by 25% with respect to the 2019 baseline for Scopes 1 and 2. Additionally, the Ecopetrol Group will seek to reduce 50% of total emissions (Scopes 1, 2 and 3) by 2050. These goals incorporate specific targets and intermediate targets. In March 2023, Ecopetrol committed to reduce methane emissions by 45% by 2025 and 55% by 2030.

Ecopetrol is a member of several initiatives as the Climate and Clean Air Coalition, the Oil & Gas Methane Partnership (OGMP), Zero Routine Flaring by 2030, and most recently the Aiming for Zero Methane Emissions initiative and the Oil and Gas Decarbonization Charter – OGDC – to collaboratively work with peers, partners, international institutions, and non-governmental organizations to improve methane emissions management and reporting and to accelerate reductions.

**INDEX**

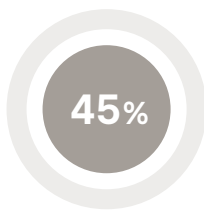
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**SEGMENT**

**UPSTREAM**

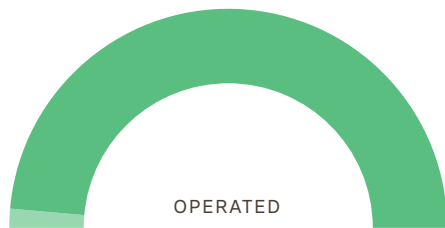
**2025 TARGET (absolute reduction\*)**



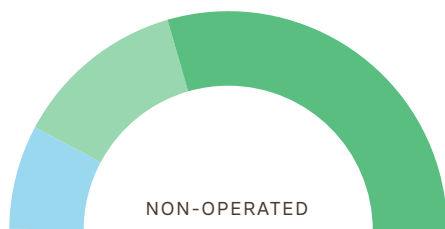
\*percentage reduction of annual methane emissions by 2025 based on 2019 estimates

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**

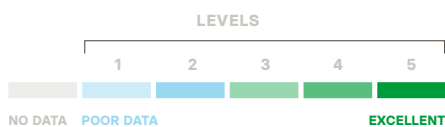


1 non-operated assets out of 64 assets in scope reported with missing data in at least one of the sources (dotted pattern)



19 non-operated assets out of 64 assets in scope not reported

16 non-operated assets out of 64 assets in scope excluded due to the materiality rule (<5% equity)



**GOLD STANDARD**



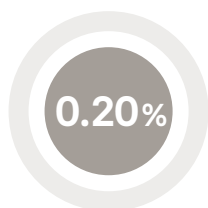


## ENI

Eni is an integrated energy company with around 33,000 employees in 61 countries around the world, whose dedication to the energy transition translates into tangible actions aimed at achieving the total decarbonization of products and processes by 2050.

Eni aspires to contribute to the achievement of the Sustainable Development Goals of the United Nations 2030 Agenda, supporting a just energy transition that meets the challenge of climate change with concrete and economically sustainable solutions by promoting efficient and sustainable access to energy resources, for all. Eni's strategy aims to achieve by 2050 the net zero target on GHG Scope 1, 2 and 3 emissions, on entire life cycle of the energy products sold, and net zero target on Scope 1-2 by 2035. Eni has long been committed to methane emissions mitigation, being one of the industry founders of the OGMP and among the first companies to set public targets for reducing methane emissions from operations. Through its participation to OGMP 2.0, Eni continues to enhance methane management practices and improve quality and transparency of methane emissions reporting, while reinforcing its commitment to reduce methane emissions throughout its value chain. In 2024, Eni continues its commitment to further reduce methane, also leveraging on international partnership and initiatives like the "Aiming for Zero Methane Emissions Initiative", launched in 2022 by the Oil & Gas Climate Initiative, and joining new initiatives like the Oil & Gas Decarbonization Charter, launched at COP28, and the Global Flaring and Methane Reduction (GFMR) Trust Fund, launched by the World Bank.

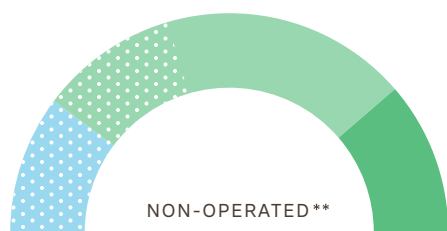
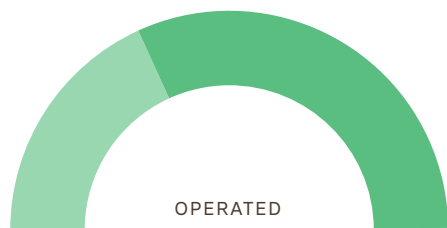
### 2025 TARGET (intensity\*)



\* maximum amount of annual methane emissions by 2025 as a percentage of marketed gas

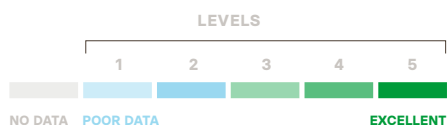
### DATA QUALITY

### 2023 METHANE ESTIMATES (kt)



3 non-operated assets out of 36 assets in scope reported with missing data in at least one of the sources (dotted pattern)

7 non-operated assets out of 36 assets in scope not reported



\*\* dotted pattern = incomplete data

### GOLD STANDARD



### INDEX

**DATA QUALITY** = Reporting levels 1 to 5, where increasing level corresponds to increased use of direct measurements

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### SEGMENT

**UPSTREAM**



**EOG RESOURCES**

EOG Resources, Inc. (EOG), headquartered in Houston, Texas, is one of the largest crude oil and natural gas exploration and production companies in the United States.

EOG's value proposition and energy transition strategy are one in the same — to be amongst the lowest cost, lowest emissions and highest return producers, playing a significant role in the long-term future of energy. Maintaining the lowest possible operating cost structure, coupled with efficient and safe operations and robust environmental stewardship practices and performance, is integral in the implementation of EOG's strategy.

EOG's approach to environmental stewardship is based on the same decentralized structure, operational and technological focus, and innovative culture that drives our leadership in the exploration and development of unconventional oil and natural gas plays. Supported by companywide management systems and executive oversight, this approach empowers innovation, ownership, and operating area-specific practices while maintaining our high standards of environmental performance.

We have established 2025 near-term emissions targets and a long-term net zero ambition to drive continued improvement in our emissions performance and innovation in our practices. We have made significant progress on our targets, including exceeding our GHG intensity target and methane percentage target in 2022, and our zero routine flaring target in 2023. EOG is in the process of setting new near- and mid-term total emissions and methane targets. The new targets will cover total company emissions.

Our approach to emissions management, coupled with continued investment in innovation and the application of emerging and future technologies, supports our emissions performance.

**INDEX**

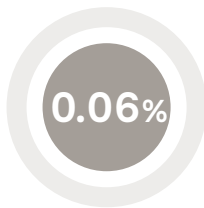
**DATA QUALITY** = Reporting levels 1 to 5, where increasing level corresponds to increased use of direct measurements

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**SEGMENT**

**UPSTREAM**

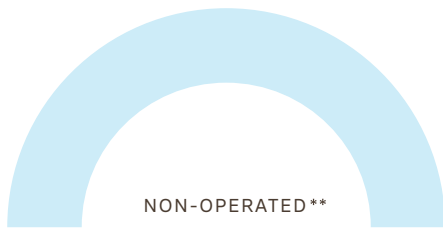
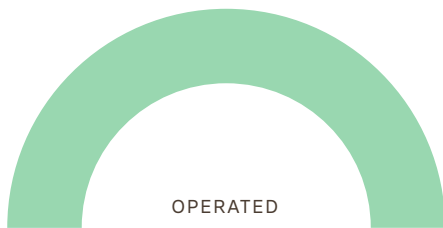
**2025 TARGET (intensity\*)**



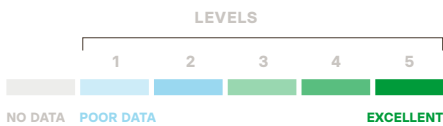
\* maximum amount of annual methane emissions by 2025 as a percentage of produced gas

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**

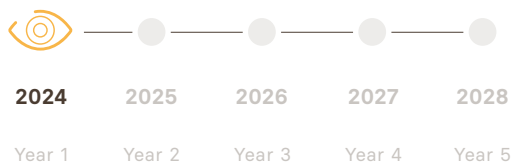


37 non-operated assets out of 46 assets in scope excluded due to the materiality rule (<5% equity)



\*\* dotted pattern = incomplete data

**GOLD STANDARD**



2024 2025 2026 2027 2028  
Year 1 Year 2 Year 3 Year 4 Year 5



**EQT CORPORATION**

EQT Corporation (NYSE: EQT) is a premier, vertically integrated American natural gas company with production and midstream operations focused in the Appalachian Basin. We are dedicated to responsibly developing our world-class asset base and being the operator of choice for our stakeholders. By leveraging a culture that prioritizes operational efficiency, technology, and sustainability, we seek to continuously improve the way we produce environmentally responsible, reliable and low-cost energy. We have a longstanding commitment to the safety of our employees, contractors, and communities, and to the reduction of our overall environmental footprint. Our values – Trust, Teamwork, Heart, and Evolution – are evident in the way we operate and in how we interact each day.

EQT is responsible for producing the equivalent of over one minute of every hour of electricity consumed in the United States. We have developed an integrated ESG program that interplays with our corporate operational strategy. Core tenets of our ESG program include investing in technology and human capital; improving data collection, analysis, and reporting; and engaging with stakeholders to understand, and align our actions with, their needs and expectations. We are dedicated to evolving energy and enhancing the critical role that natural gas plays in the future energy mix, both domestically and internationally, while simultaneously addressing energy security and affordability.

We are proud to partner with the Oil and Gas Methane Partnership 2.0 (OGMP) to establish and execute on a plan to improve emissions associated with energy production methods. Continuous improvement is at the forefront of our mission. Therefore, we are developing this OGMP 2.0 Implementation Plan (Plan) to demonstrate our commitment to evaluating our assets and activities and establishing a timely plan with ambitious emission-reduction goals.

**INDEX**

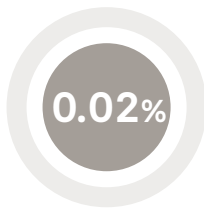
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**SEGMENT**

**UPSTREAM**

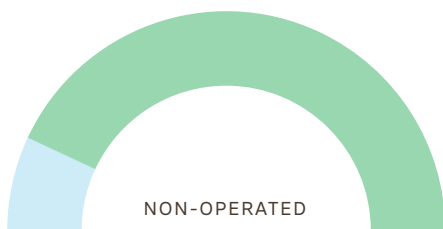
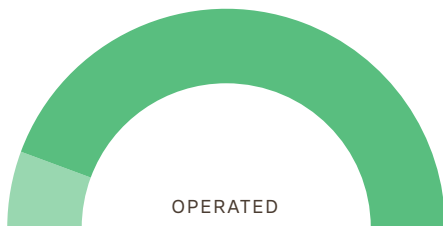
**2025 TARGET (intensity\*)**



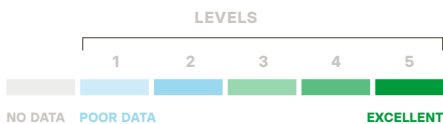
\* maximum amount of annual methane emissions by 2025 as a percentage of produced gas

**DATA QUALITY**

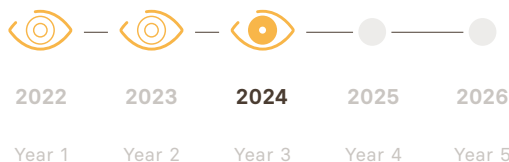
**2023 METHANE ESTIMATES (kt)**



18 non-operated assets out of 21 assets in scope excluded due to the materiality rule (<5% equity)



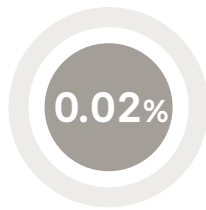
**GOLD STANDARD**







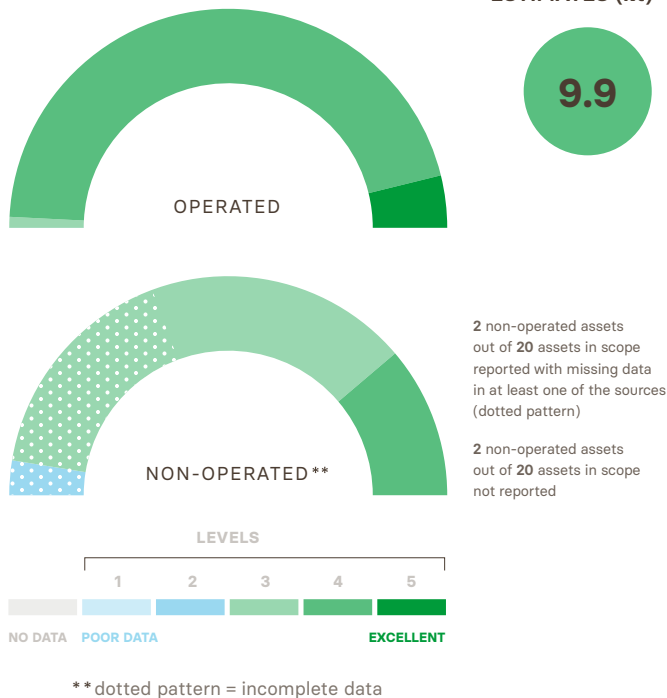
**2025 TARGET (intensity\*)**



\* maximum amount of annual methane emissions by 2025 as a percentage of marketed gas

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



**EQUINOR**

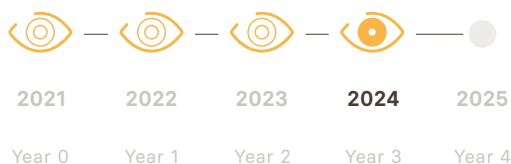
Equinor aims to be a leading company in methane emissions management within the oil and gas industry, upholding a rigorous approach to maintaining an exceptionally low methane intensity. In the 2023 reporting year, Equinor's operated assets had an average methane intensity of 0.016%, which is significantly below the Oil and Gas Climate Initiative (OGCI) industry average of 0.15%. This achievement underscores Equinor's continued ambition to maintain a near-zero methane emissions intensity towards 2030.

To further advance its methane reduction strategy, Equinor has become a founding corporate donor to the Global Flaring and Methane Reduction (GFMR) fund, an initiative led by the World Bank to support methane abatement in the oil and gas sector, particularly in developing countries. Equinor is also an active participant in the OGCI's Satellite Monitoring Campaign, a program that leverages high-resolution satellite data to identify and mitigate large-scale methane emissions worldwide.

At an asset level, Equinor has implemented measures such as the commissioning of a vent gas recovery unit at the Peregrino field in Brazil, targeting the elimination of what was previously the company's most significant source of methane emissions. Furthermore, Equinor has rigorously tested advanced drone and LIDAR-based technologies at the Kollsnes facility to enhance methane detection and measurement capabilities and we are planning for broad implementation of site level measurement in 2024 and beyond.

By investing in these technologies and initiatives, and through collaborative efforts with industry partners, Equinor is not only reinforcing the accuracy and transparency of its methane emissions reporting but is also actively contributing to the global effort to minimize methane emissions in the energy sector.

**GOLD STANDARD**



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**SEGMENT**

**UPSTREAM**



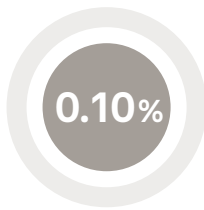
## INPEX

INPEX has developed as a company built around upstream businesses consisting of the exploration, development and production of oil and natural gas.

Going forward, we are committed to contributing to the creation of a brighter future for society through the stable supply of diverse and clean energy sources, from oil and natural gas to hydrogen and renewable energy-derived electricity, while sustainably increasing our corporate value.

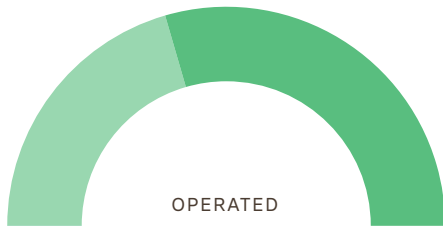
INPEX focuses on oil and natural gas projects across five core countries, notably the Ichthys LNG Project in Australia and an oil field project in Abu Dhabi. It boasts the largest reserves and production volume among Japanese companies. In Japan, it owns the Minami-Nagaoka gas field, which has significant reserves, and utilises the Naoetsu LNG receiving terminal to supply natural gas to customers via a 1,500 km pipeline network. This network, operated by INPEX Pipeline, includes LNG from Ichthys and other sources.

### 2026 TARGET (intensity\*)

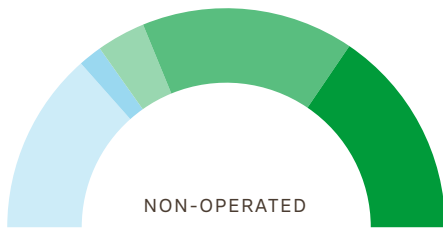


\* maximum amount of annual methane emissions by 2026 as a percentage of marketed gas

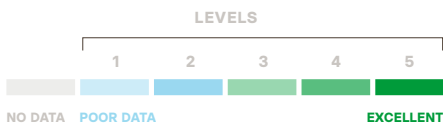
### DATA QUALITY



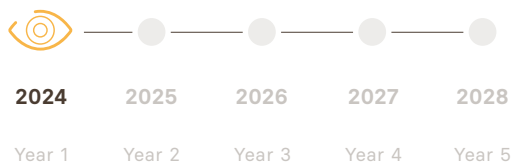
### 2023 METHANE ESTIMATES (kt)



5 non-operated assets out of 9 assets in scope excluded due to the materiality rule (<5% equity)



### GOLD STANDARD



### INDEX

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### SEGMENT

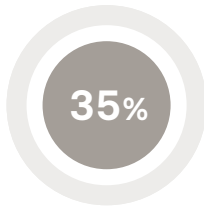
UPSTREAM



**JONAH ENERGY LLC**

Jonah Energy LLC (Jonah Energy) is a small independent oil and gas exploration and production company headquartered in Denver, Colorado. Our asset base is in the Upper Green River Basin (UGRB) in Southwest Wyoming in the Jonah Field and surrounding area. We strongly believe in the role of natural gas to meet current and future global energy demand and provide reliable domestic energy and further believe this can be accomplished in an environmentally sensitive manner.

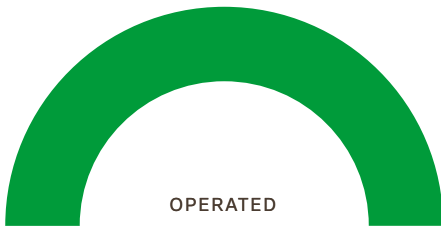
**2025 TARGET (absolute reduction\*)**



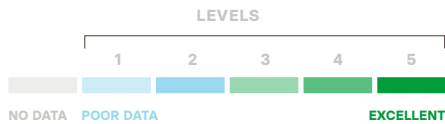
\*percentage reduction of annual methane emissions by 2025 based on 2018 estimates

**DATA QUALITY**

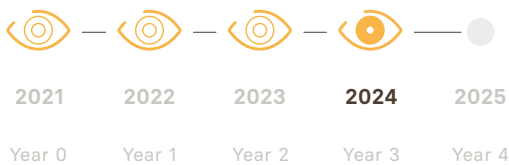
**2023 METHANE ESTIMATES (kt)**



1 non-operated assets out of 1 assets in scope excluded due to the materiality rule (<5% equity)



**GOLD STANDARD**



**INDEX**

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**SEGMENT**

**UPSTREAM**



**КазМунайГаз**  
 NATIONAL COMPANY ҰЛТТЫҚ КОМПАНИЯСЫ

**KAZMUNAYGAS**

JSC National Company KazMunayGas (hereafter - KMG, the Company) is Kazakhstan's leading vertically integrated oil and gas company.

Established in 2002, the Company represents the interests of the Republic of Kazakhstan in the national oil and gas industry. KMG operates in various segments of the oil and gas industry, including upstream exploration and production, midstream transportation and logistics, and downstream refining and marketing. KMG is involved in both domestic and international projects, contributing to the development of the energy sector in Kazakhstan and participating in global energy markets.

Recognising the strategic importance of the climate agenda, KMG has taken proactive steps in developing a comprehensive Low-carbon Development Program (LCDP) for 2022-2031, which outlines our climate ambitions, main approaches, and measures to significantly reduce our emissions footprint.

As part of implementing the Program, approved in 2021, the Action Plan of NC KazMunayGas JSC for the period 2022-2031 for implementation was approved.

The Action Plan encompasses a series of proactive measures aimed at reducing greenhouse gas emissions in key areas such as energy efficiency, renewable energy sources, methane emissions monitoring, and additional decarbonisation measures. By implementing these measures, KMG are confident in achieving our ambitious goal of reducing greenhouse gas emissions by 15% by 2031, as outlined in the KMG LCDP.

As part of our proactive approach to methane management, KMG has taken a significant step by joining the OGMP 2.0 Partnership (The Oil and Gas Methane Partnership), organised by UNEP and IMEO. This is an initial but crucial step in our comprehensive methane management plan.

KMG recognises the importance of establishing a company-wide emission reduction target for methane. In 2024, the company developed its first Level 3 methane inventory for OGMP reporting, previous reporting was limited to Levels 1 and 2.

KMG is committed to setting realistic abatement targets and plans to thoroughly assess the reductions the company can achieve by 2028. Consequently, KMG will set a collective methane intensity target for 2028 in the next reporting year.

To set its methane emission reduction target, KMG will thoroughly investigate the correlation between methane intensity and oil production volume at the facility level and across the KMG group of companies.

Once a detailed analysis of methane emissions by group of companies has been conducted, KMG will determine the amount of methane emissions reduction it intends to achieve, either in absolute or relative terms, considering the recommended OGMP 2.0 targets for the oil and gas industry.

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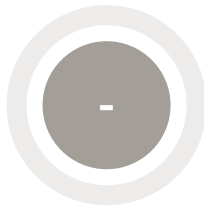
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**SEGMENT**

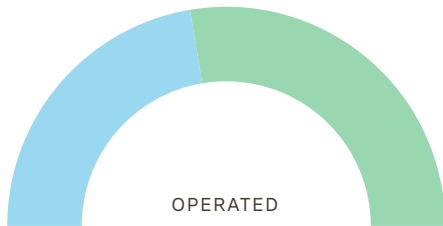
**UPSTREAM**

**NO TARGET**

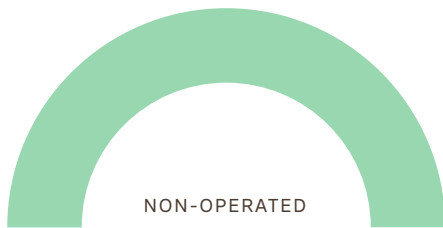


**DATA QUALITY**

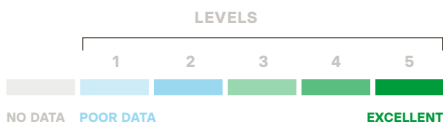
**2023 METHANE ESTIMATES (kt)**



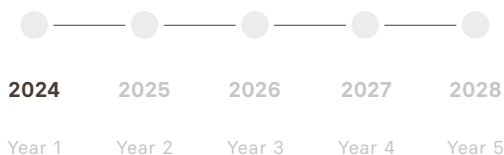
3 operated assets out of 23 assets in scope not reported



5 non-operated assets out of 5 assets in scope not reported



**GOLD STANDARD**

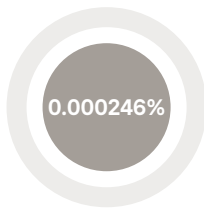




**KIWETINOHK ENERGY**

Kiwetinohk produces natural gas, natural gas liquids, oil and condensate and is a developer of renewable and natural gas power projects, and early stage carbon capture and storage opportunities, in Alberta.

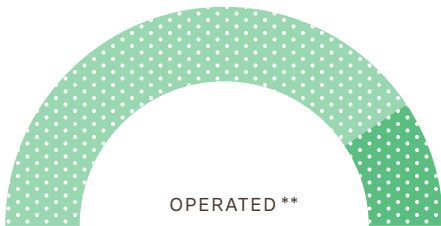
**2028 TARGET (intensity\*)**



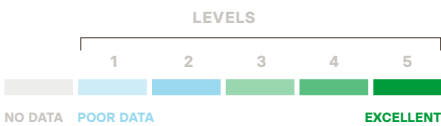
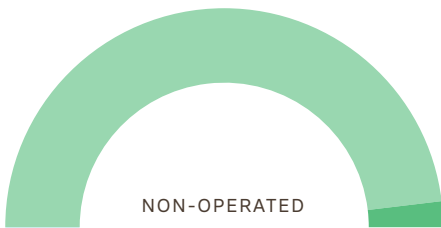
\* tonnes CH4 per cubic meter of market gas

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**

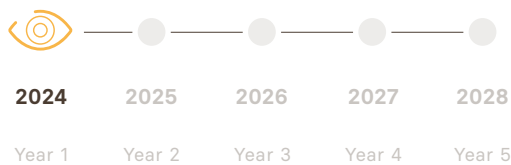


1 operated assets out of 1 assets in scope reported with missing data in at least one of the sources (dotted pattern)



\*\* dotted pattern = incomplete data

**GOLD STANDARD**



**INDEX**

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**SEGMENT**

**UPSTREAM**



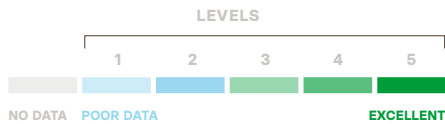
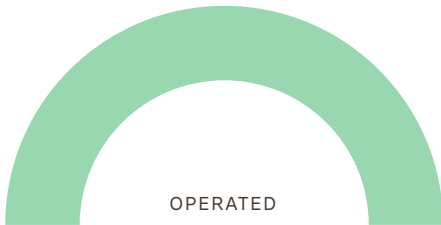
**2029 TARGET (intensity\*)**



\*tonnes CH4 per thousand tones of hydrocarbons produced

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



**GOLD STANDARD**



**KPO**

Karachaganak Petroleum Operating B.V. (KPO, www.kpo.kz) is an international oil and gas company engaged in the exploration and production of oil and gas in the West Kazakhstan region of the Republic of Kazakhstan. KPO operates one of the world's largest oil and gas condensate field, the Karachaganak Field, on behalf of its Parent Companies Eni, Shell, Chevron, Lukoil, and KazMunayGas under the Final Production Sharing Agreement signed with the Government of Kazakhstan in 1997.

**KPO Objectives:**

- Minimizing environmental footprint through enhanced practices and cutting-edge technologies;
- Continuously improving methane emissions monitoring and measurement activities;
- Maintaining low methane emissions intensity in the context of perspective large-scale production expansion projects.

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**SEGMENT**

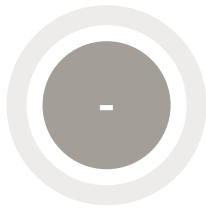
**UPSTREAM**

**NAFTOGAZ**

JSC "Naftogaz of Ukraine" engage in a full cycle of field exploration and development, production and exploration drilling, storage of oil and gas, and processing and distribution of oil products, natural gas and liquefied gas to consumers.

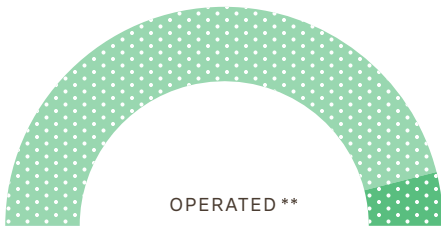
Naftogaz is committed to future generations, which is why one of our strategic goals is to build up "green" energy assets to enable the energy transformation of Naftogaz and de-carbonisation of the Ukrainian economy.

**NO TARGET**

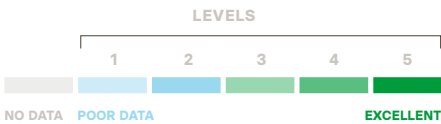
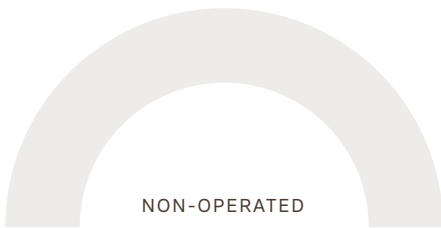


**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



14 operated assets out of 16 assets in scope reported with missing data in at least one of the sources (dotted pattern)



\*\* dotted pattern = incomplete data

**GOLD STANDARD**



**INDEX**

**DATA QUALITY** = Reporting levels 1 to 5, where increasing level corresponds to increased use of direct measurements

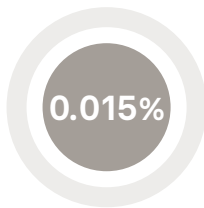
**GOLD STANDARD** has been awarded to companies who demonstrate an explicit and credible path to report all material assets at levels 4 and 5 within 3 years for operated ventures and within 5 years for non operated ventures. The Gold Standard is maintained by meeting the credible path and continuing to progress reporting to level 5 for the overwhelming majority of material assets.

**SEGMENT**

**UPSTREAM**

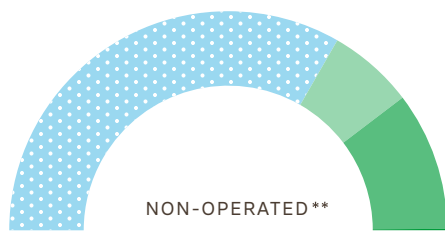
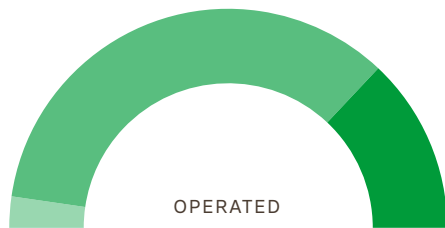
# NEPTUNE ENERGY

## 2025 TARGET (intensity\*)



\* maximum amount of annual methane emissions by 2025 as a percentage of exported gas

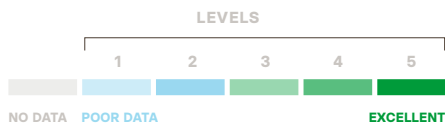
## DATA QUALITY



## 2023 METHANE ESTIMATES (kt)



1 non-operated assets out of 11 assets in scope reported with missing data in at least one of the sources (dotted pattern)



\*\* dotted pattern = incomplete data

## GOLD STANDARD



## NEPTUNE ENERGY

Neptune Energy is an exploration and production (E&P) company with interests in 2023 in offshore and onshore facilities in Algeria, Australia, Egypt, Germany, Indonesia, the Netherlands, Norway, and the UK. In January 2024, the corporate acquisition process, announced in June 2023, completed, whereby Neptune Energy's Norwegian business was acquired by Vår Energi, the carve-out of Neptune Energy's activities in Germany was completed, and the rest of Neptune Energy was acquired by Eni.

Our methane intensity remained stable in 2023 at 0.02%. Methane makes up 6% of our total GHG emissions on a CO<sub>2</sub>e basis.

In accordance with the implementation plan submitted last year, Neptune Energy has carried out site-level surveys across all the identified material operated assets. During 2023, Neptune Energy worked in collaboration with SINTEF, one of Europe's largest independent research institutions, to conduct site-level surveys for our operated assets in the UK and Norway. The LowEmission Research Center technical committee in SINTEF provided funding for the case study – "Development of an autonomous platform to conduct site-level measurements of methane at offshore platforms", and we provided support for the field-work. The findings of the site-level surveys are provided in separate documents and uploaded to the web application.

In the Netherlands, we undertook site-level surveys using drones for material assets and these findings are given in the relevant section below.

## INDEX

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## SEGMENT

UPSTREAM





**NORTH CASPIAN OPERATING COMPANY N.V.**

The North Caspian Project is the first major offshore oil and gas development in Kazakhstan.

NCOC is set to reduce methane intensity and maintain the maximum amount of annual methane emissions by 2028 below 0.0035% of total production TOE of hydrocarbons.

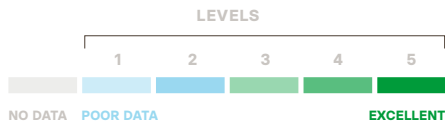
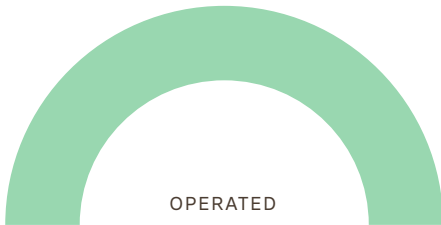
**2028 TARGET (intensity\*)**



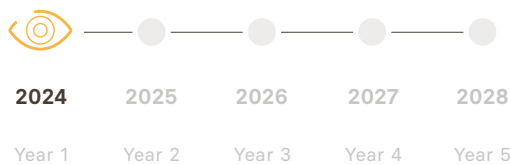
\* maximum amount of annual methane emissions by 2028 as a percentage of produced hydrocarbons

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



**GOLD STANDARD**



**INDEX**

**DATA QUALITY** = Reporting levels 1 to 5, where increasing level corresponds to increased use of direct measurements

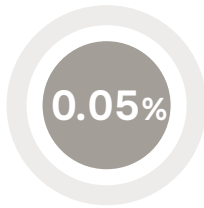
**GOLD STANDARD** has been awarded to companies who demonstrate an explicit and credible path to report all material assets at levels 4 and 5 within 3 years for operated ventures and within 5 years for non operated ventures. The Gold Standard is maintained by meeting the credible path and continuing to progress reporting to level 5 for the overwhelming majority of material assets.

**SEGMENT**

**UPSTREAM**



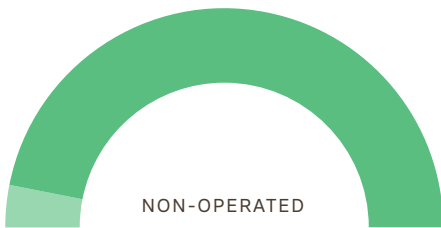
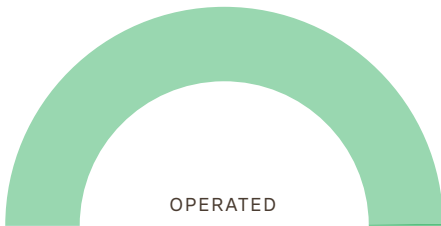
### 2027 TARGET (intensity\*)



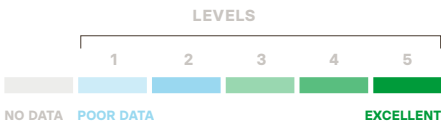
\*maximum amount of annual methane emissions by 2027 as a percentage of marketed gas

### DATA QUALITY

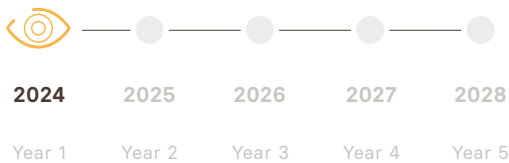
### 2023 METHANE ESTIMATES (kt)



10 non-operated assets out of 16 assets in scope not reported  
1 non-operated assets out of 16 assets in scope excluded due to the materiality rule (<5% equity)



### GOLD STANDARD



### ONE-DYAS B.V.

ONE-Dyas B.V. is the largest privately owned exploration and production operating company in the Netherlands.

ONE-Dyas' core business strategy focuses on growth through the acquisition of North Sea development and production assets, to broaden out an already strong portfolio of operated and non-operated assets in the United Kingdom, the Netherlands, and Germany. Our approach is that of carefully planned strategy underpinned by technical expertise, geographical diversification, and cost-effective development and operations.

As pioneers in North Sea offshore oil and gas, we embrace sustainability and technological innovation while actively supporting the energy transition and Europe's carbon neutrality targets. In line with its ESG strategy, ONE-Dyas is focused on concrete actions to establish itself as one of the industry's most responsible producers, using its core capabilities to improve the environmental performance of its portfolio.

### INDEX

DATA QUALITY = Reporting levels 1 to 5, where increasing level corresponds to increased use of direct measurements

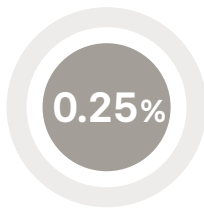
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### SEGMENT

UPSTREAM



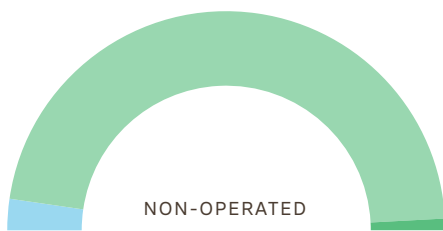
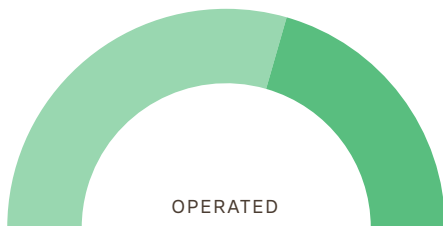
**2025 TARGET (intensity\*)**



\*maximum amount of annual methane emissions by 2025 as a percentage of produced gas

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



257 non-operated assets out of 286 assets in scope not reported  
 256 non-operated assets out of 286 assets in scope excluded due to the materiality rule (<5% equity)



**OXY**

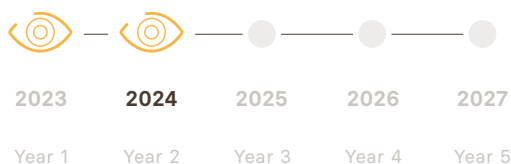
Occidental is bringing together people, resources, innovative technology and our 50+ year legacy of carbon management to accelerate our pathway to net zero, as well as helping others do the same. As the first U.S. oil and natural gas producer to establish net-zero emissions goals for our operations and products (Scopes 1, 2 and 3) aligned with the goals of the Paris Agreement, we've taken a leadership role in developing solutions to accelerate a lower-carbon economy.

Occidental strives to continuously improve operational performance by implementing practices and technologies to reduce methane emissions. Occidental was the first U.S. oil and gas company to endorse the World Bank's initiative for Zero Routine Flaring by 2030, and we achieved that milestone in our U.S. operations in 2022 with sustained zero routine flaring in 2023 in our U.S. operations. We continue to expand our deployment of monitoring, automation, facility upgrades and process changes to detect, measure and reduce methane emissions across our global operations, and share learnings and best practices with other leading organizations. Key projects have included expanding ground-based, aerial and satellite methane surveillance, consolidating facilities and retrofitting equipment to remove emission sources, and installing additional gas compression, takeaway capacity and temporary gas storage to reduce flaring and maximize beneficial use of natural gas.

For more information, please read Oxy's 2023 Climate Report and the notes on page 4 regarding forward-looking statements and GHG emissions estimates.

Link: <https://www.oxy.com/siteassets/documents/publications/oxy-climate-report-2023.pdf>

**GOLD STANDARD**



**INDEX**

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**SEGMENT**

**UPSTREAM**



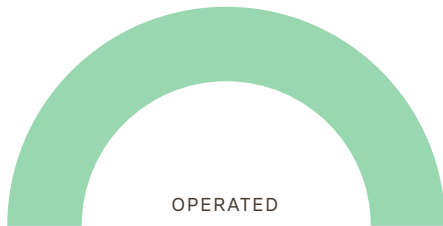
**2025 TARGET (intensity\*)**



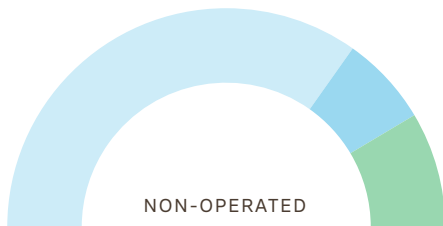
\*tCH<sub>4</sub> per thousand tons hydrocarbon production

**DATA QUALITY**

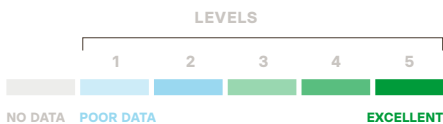
**2023 METHANE ESTIMATES (kt)**



1 operated assets out of 22 assets in scope not reported



4 non-operated assets out of 7 assets in scope not reported



**GOLD STANDARD**



**PETROBRAS**

Petrobras is a National Oil and Gas company, the largest in Brazil and in Latin America. The company integrates the entire value chain in the oil and gas business, incorporating the segments of Exploration, Production, Gas Processing, Transportation and Refining. Petrobras also operate in the segment of electric energy generation (power plants).

Our carbon strategy is based on our understanding that companies will be as competitive to the long-term market as they are able to produce at low cost and with lower greenhouse gas emissions (GHG), with prosperity in scenarios of low price of oil, carbon pricing and possible oil differentiation practices base on their intensity on emissions production. Since 2019, Petrobras has a public methane target related to the upstream segment. This target was reviewed in the 2024-2028 Strategic Plan. The actual goal aims to achieve the methane intensity of 0.25 tCH<sub>4</sub>/thousand tHC in 2025 and 0.20 tCH<sub>4</sub>/thousand tHC in 2030, aligned with the "Aim for zero methane emissions initiative".

Petrobras has a structured action plan to reduce methane emissions, under the coordination of an internal Carbon Neutral Program. The action plan aggregates solutions like improving methane quantification, reduction and recuperation of gas sent to flaring, reduction of venting and fugitive emissions management through leak detection and repair. The reduction roadmap also includes the incorporation of mitigation technologies on our new projects.

Petrobras also collaborates with its peers, international institutions, non-governmental organizations, and academia to reduce methane emissions and improve data quality, through a variety of initiatives including: Oil & Gas Methane Partnership (OGMP), International Association of Oil and Gas Producers (IOGP) and the Oil and Gas Climate Initiative (OGCI).

**INDEX**

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**SEGMENT**

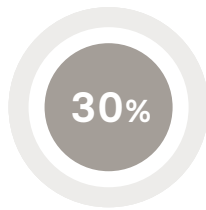
**UPSTREAM**



**PETROECUADOR**

EP PETROECUADOR is dedicated to managing its operations in strict accordance with national environmental policies and social responsibilities towards stakeholders and the surrounding communities across its operational footprint nationwide. Guided by the 'Strategic Business Plan of EP PETROECUADOR,' our mission is to optimize the utilization of energy resources in a sustainable manner, thereby enhancing the well-being of Ecuadorian society. Our vision is to set a regional standard for security, efficiency, and energy performance, underpinned by transparency, integrity, and unwavering social commitment. By enrolling in OGMP 2.0, EP PETROECUADOR aims to achieve a significant reduction of methane emissions by 60% by 2030.

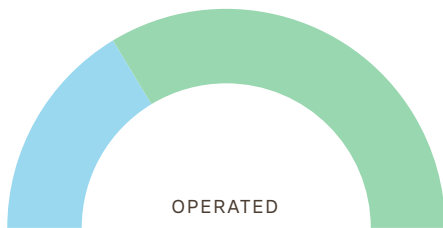
**2028 TARGET (absolute reduction\*)**



\*percentage reduction of annual methane emissions by 2028 based on 2023 estimates

**DATA QUALITY**

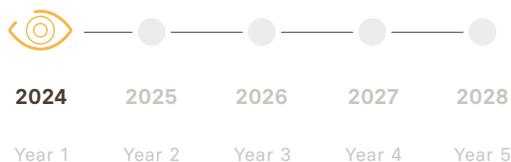
**2023 METHANE ESTIMATES (kt)**



108 operated assets out of 1165 assets in scope not reported



**GOLD STANDARD**



**INDEX**

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**SEGMENT**

**UPSTREAM**



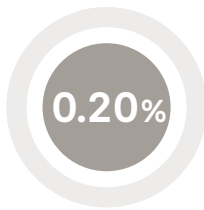
# شركة تنمية نفط عُمان Petroleum Development Oman

## PETROLEUM DEVELOPMENT OMAN-PDO

Petroleum Development Oman (PDO) is the leading oil and gas exploration and production company in Oman. PDO is determined to join other national efforts and play a leading role towards decarbonization and environmental sustainability. Our energy strategy is set to adopt energy light recovery mechanisms, enhance energy efficiency, energy conservation, increase the renewable energy resources and constantly aspiring to find creative and efficient means to deal with the growing demand for energy. Ultimately, PDO aspires to achieve net-zero emission by 2050.

In particular, PDO has been actively engaged on methane reduction efforts. This is reflected in PDO's endorsement of methane emission intensity target of 0.20% by 2025 and near zero methane emissions by 2030. PDO's reduction efforts involved joining World Bank's "Zero Routine Flaring by 2030" initiative and implementation of flare reduction projects, facilities maintenance programs, equipment electrification, and extensive flowlines and pipelines monitoring. Additionally, PDO has executed several methane management initiatives, including surveying off-plot facilities using drones, conducting Leak Detection and Repair (LDAR) surveys, and deploying Video Imaging Spectro-Radiometry (VISR) technology to measure the flaring efficiency of all its flares.

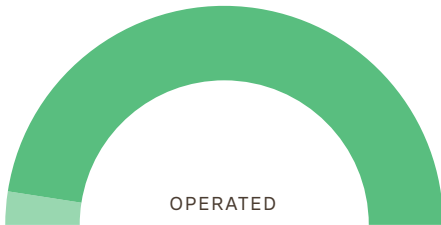
### 2025 TARGET (intensity\*)



\* maximum amount of annual methane emissions by 2025 as a percentage of gas available for sale

### DATA QUALITY

### 2023 METHANE ESTIMATES (kt)



### GOLD STANDARD



### INDEX

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### SEGMENT

UPSTREAM



**PETRONAS**

Petroleum Nasional Berhad (PETRONAS) is a dynamic global energy and solutions company with a core intent to power society's progress responsibly and sustainably. As the custodian of Malaysia's national oil and gas resources, PETRONAS explores, produces and delivery energy, both hydrocarbon and renewables, to ensure the security of energy supply for the nation and its customers around the globe. PETRONAS has four core businesses – Upstream, Gas, Downstream, and Project Delivery and Technology. PETRONAS is committed to growing its business responsibly, positively contributing to society and the environment. PETRONAS announced its Net Zero Carbon Emissions by 2050 (NZCE 2050) pathway in November 2022. Its short-term target for 2024 is to cap greenhouse gas (GHG) emissions at 49.5 million tonnes of carbon dioxide equivalent (MtCO<sub>2</sub>e) for Scope 1 and Scope 2 emissions from Malaysia operations. By 2025, the target is to achieve a 50% reduction in methane emissions from PETRONAS groupwide natural gas value chain.

In the medium-term, PETRONAS targets to achieve GHG emissions reductions of 25% by 2030 from 2019 levels for groupwide operations based on an equity share approach, where PETRONAS GHG emissions reflect the economic interest of its operations. Part of this effort includes methane emissions reduction target of 70% for PETRONAS Groupwide natural gas value chain, as well as a 50% reduction in methane emissions from Malaysia's natural gas value chain in support of the country's Global Methane Pledge. PETRONAS Operated assets covers 60% of total assets in PETRONAS gas value chain contributing to methane emissions in PETRONAS. Moving forward, PETRONAS aims to complete Level 3 methane quantification for all non-material operated assets, which will be reflected in the upcoming OGMP reporting FY2023.

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**SEGMENT**

**UPSTREAM**

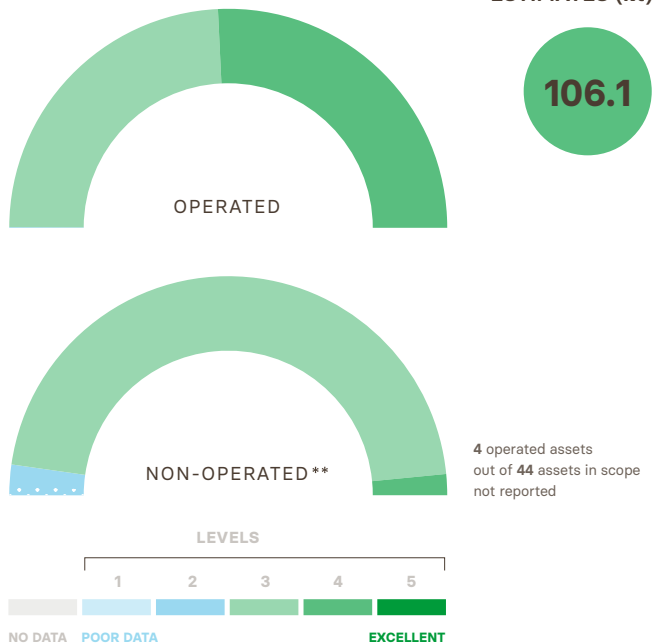
**2025 TARGET (absolute reduction\*)**



\*percentage reduction of annual methane operated emissions by 2025 based on 2019 estimates

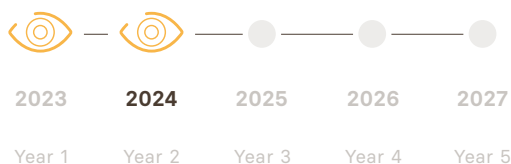
**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



\*\*dotted pattern = incomplete data

**GOLD STANDARD**



# PIONEER

## NATURAL RESOURCES

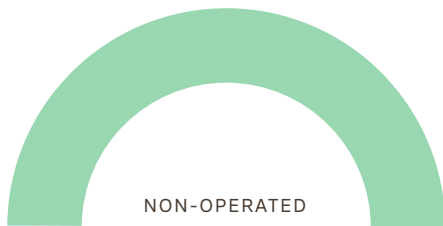
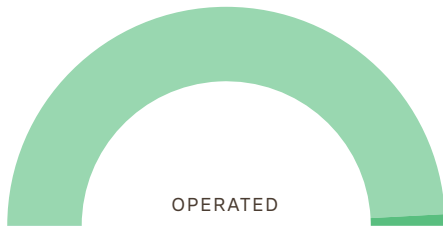
### 2025 TARGET (intensity\*)



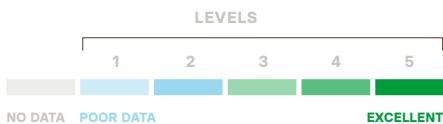
\* maximum amount of annual methane emissions by 2025 as a percentage of produced gas

### DATA QUALITY

### 2023 METHANE ESTIMATES (kt)



61 non-operated assets out of 63 assets in scope excluded due to the materiality rule (<5% equity)



### GOLD STANDARD



### PIONEER NATURAL RESOURCES

ExxonMobil closed its acquisition of Pioneer Natural Resources Company on May 3, 2024. ExxonMobil has industry-leading plans to achieve net-zero Scope 1 and Scope 2 greenhouse gas emissions from its Permian unconventional operations by 2030. With the merger closed, ExxonMobil will leverage its Permian greenhouse gas reduction plans to accelerate Pioneer's Scope 1 and 2 net-zero emissions goal by 15 years. ExxonMobil will also apply its industry-leading technologies for monitoring, measuring and addressing fugitive methane to reduce the combined companies' methane emissions.

Compared to emission levels in 2016, the 2030 plans include a 70-80% reduction in corporate-wide operated methane intensity and a 60-70% reduction in corporate-wide operated flaring intensity. The 2030 emission-reduction plans are expected to achieve World Bank Zero Routine Flaring by 2030.

ExxonMobil joined OGMP 2.0 in January 2024 and will submit its initial OGMP 2.0 report in May 2025.

### INDEX

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### SEGMENT

UPSTREAM



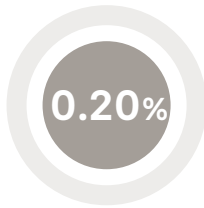


**PRESIDIO PETROLEUM LLC**

Presidio is an independent energy company focused on becoming the last, best steward for America's oil and gas wells with current operations in the Anadarko Basin within Texas, Oklahoma and Kansas.

Presidio's mission is to be the most operationally and emissions efficient company in the United States. Presidio's growth is fueled by acquisitions of mature producing assets and not through drilling. This allows Presidio to generate exceptional improvements in cash flow by focusing on the producing wells.

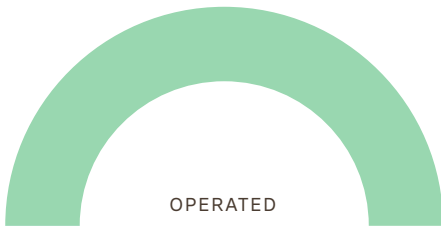
**2028 TARGET (intensity\*)**



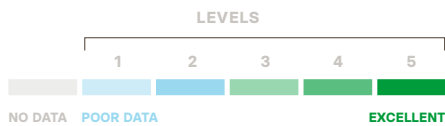
\* maximum amount of annual methane emissions by 2028 as a percentage of marketed gas

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



6 non-operated assets out of 6 assets in scope not reported



**GOLD STANDARD**



**INDEX**

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**SEGMENT**

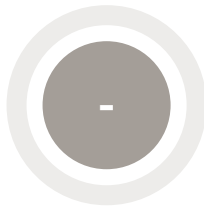
**UPSTREAM**



**PTTEP**

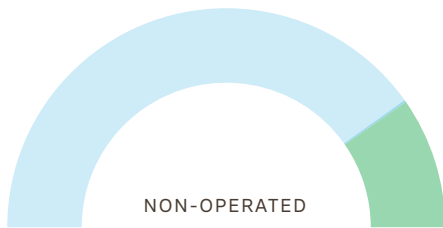
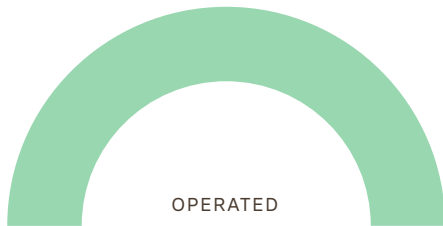
PTTEP conducts business in petroleum exploration, development and production, renewable energy, new forms of energy, and advanced technology emphasizing carbon emissions reduction toward the low-carbon and sustainable future.

**NO TARGET**

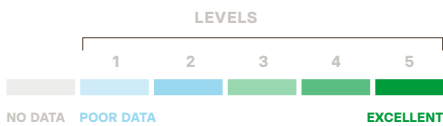


**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



11 non-operated assets out of 15 assets in scope not reported  
 2 non-operated assets out of 15 assets in scope excluded due to the materiality rule (<5% equity)



**GOLD STANDARD**



**INDEX**

**DATA QUALITY** = Reporting levels 1 to 5, where increasing level corresponds to increased use of direct measurements

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**SEGMENT**

**UPSTREAM**

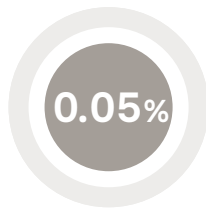


**PUREWEST ENERGY**

PureWest is Wyoming's top natural gas producer, operating more than 107,000 net acres in and around the prolific Pinedale and Jonah Fields. As of October 1, 2024, our gross operated production was approximately 612 MMcfe/d (net), and PDP reserves are greater than 1.8 Tcfe (net). While we have access to markets across North America, PureWest is uniquely positioned to serve markets in the Western U.S.

At PureWest, responsible energy development is more than a regulatory exercise – it reflects our mission and core values and our commitment to excellence in all that we do. We value transparency and accountability and understand our obligation to disclose material information to our stakeholders. This is particularly significant to us as operators on federal lands in the upper Green River Basin, where we are held to a higher standard. This necessary standard is embedded into our business, demonstrated by our judicious operations, dedicated people, and commitment to responsibly operating. We recognize that natural gas will be essential to the low-carbon energy transition, and our goal is to be the supplier of choice through this transition.

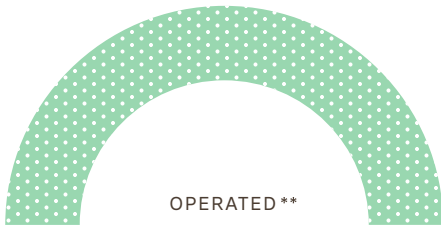
**2025 TARGET (intensity\*)**



\* maximum amount of annual methane emissions by 2025 as a percentage of produced gas

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**

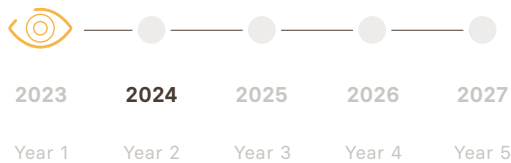


1 non-operated assets out of 1 assets in scope reported with missing data in at least one of the sources (dotted pattern)



\*\* dotted pattern = incomplete data

**GOLD STANDARD**



**INDEX**

**DATA QUALITY** = Reporting levels 1 to 5, where increasing level corresponds to increased use of direct measurements

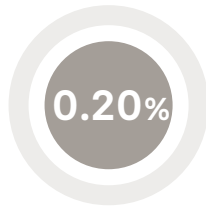
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**SEGMENT**

**UPSTREAM**



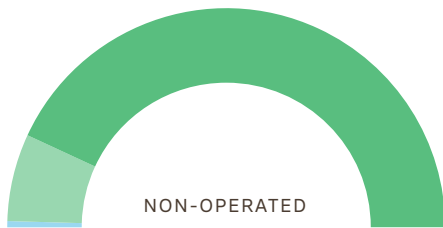
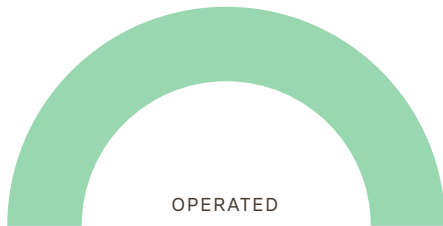
**2025 TARGET (intensity\*)**



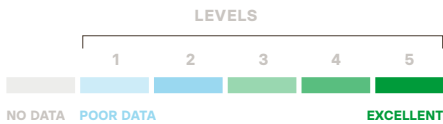
\* maximum amount of annual methane emissions by 2025 as a percentage of total monetizable products

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



3 non-operated assets out of 22 assets in scope not reported  
2 non-operated assets out of 22 assets in scope excluded due to the materiality rule (<5% equity)



**QATARENERGY**

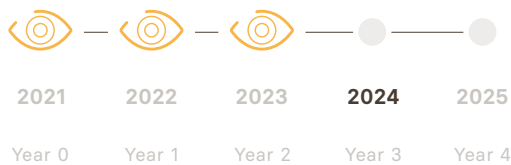
QatarEnergy is an integrated energy company responsible for the development of cleaner energy resources in the State of Qatar and beyond. It stands at the forefront of efforts for the long-term sustainable development, utilization and monetization of the energy resources in the State of Qatar. QatarEnergy was established in 1974 as a state-owned corporation, responsible for the development, operation and management of all oil and gas resources in Qatar, including exploration, production, processing, refining, marketing, trading, and sales of its products to local and global markets. QatarEnergy supplies major customers around the world with various types of products.

As "Your energy transition partner", QatarEnergy is the world leader in the production of Liquefied Natural Gas (LNG), the cleaner, safer, more flexible, and reliable source of energy, and an integral partner in the global energy transition.

QatarEnergy is committed to achieving lower-carbon operations, contributing to the faster transition towards a low carbon economy. Methane emissions reduction is an integral part of QatarEnergy's strategy. QatarEnergy is implementing an ambitious plan to curb emissions, which includes increasing CCUS capacity, expanding solar PV power generation, and implementing several initiatives to reduce flare and methane emissions, alongside significant energy efficiency improvements.

QatarEnergy made considerable progress towards the ambition to provide affordable and cleaner energy to people in a responsible manner, for a better and more prosperous future. A key part of QatarEnergy's climate focus going forward is to track and reduce methane emissions throughout all stages of the natural gas value chain. QatarEnergy is committed to increasing the measurement and data sharing of methane emissions and supports ambitious actions to curb them.

**GOLD STANDARD**



**INDEX**

**DATA QUALITY** = Reporting levels 1 to 5, where increasing level corresponds to increased use of direct measurements

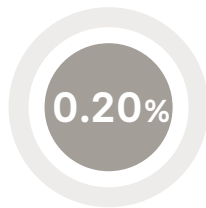
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**SEGMENT**

**UPSTREAM**



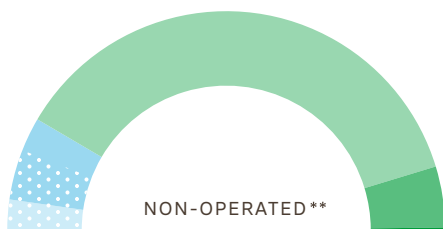
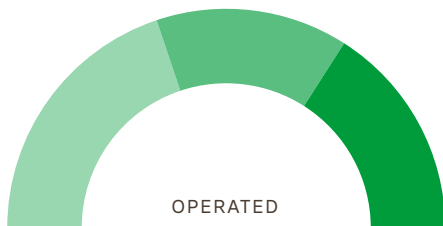
**2025 TARGET (intensity\*)**



\*maximum amount of annual methane emissions by 2025 as a percentage of marketed gas

**DATA QUALITY**

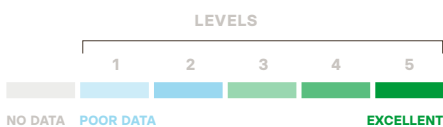
**2023 METHANE ESTIMATES (kt)**



2 non-operated assets out of 39 assets in scope reported with missing data in at least one of the sources (dotted pattern)

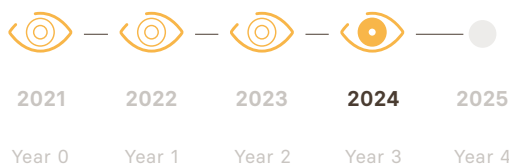
16 non-operated assets out of 39 assets in scope not reported

13 non-operated assets out of 39 assets in scope excluded due to the materiality rule (<5% equity)



\*\*dotted pattern = incomplete data

**GOLD STANDARD**



**REPSOL**

Repsol joined the OGMP in 2016 according to our commitment with the methane emissions reduction in the oil and gas sector. During those years we have been reducing venting, performing fugitive emissions surveys in our operated assets, improving flare management and retrofitting pneumatics devices. Convinced of the importance of the role of natural gas in the energy transition, Repsol has announced a target of reaching a methane intensity of 0.20% by 2025 in its operated assets.

Our company has been reporting CH4 emissions externally and taking action on mitigation for many years, but in October 2020 Repsol's endorsement to OGMP 2.0 was confirmed, which shows the commitment to improve reporting and methane management in our operated and non-operated assets. The endorsement to this partnership give us the opportunity to share knowledge on methodologies and technologies and to improve scientific and technical understanding of CH4 emissions. The endorsement to OGMP 2.0 has helped Repsol to leverage the conversations with partners in non operated assets and empowered the importance of this topic.

During 2023 Repsol has had several changes in its portfolio, both acquisitions and divestments. Operated assets reported at L3 are a consequence of all these changes, making those assets being in different phases of implementation.

**INDEX**

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**SEGMENT**

**UPSTREAM**

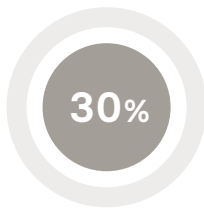


**SERICA ENERGY**

We are committed to reducing greenhouse gas emissions whilst improving energy efficiency through a plan of actions, projects and investments and are fully aligned to the North Sea Transition Deal and support the World Bank's target of eliminating routine flaring by 2030.

We developed our Emissions Reduction Plan that sets out how we will achieve our emissions reduction targets on the Bruce facilities through a variety of equipment upgrades and efficiency projects. We are collaborating with industry partners to support low carbon technology projects that will help decarbonise the sector.

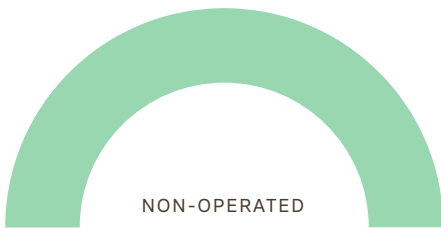
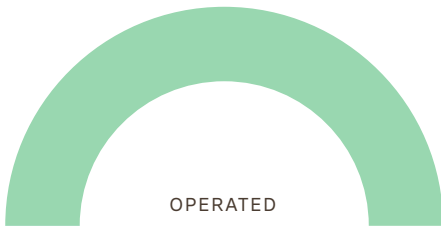
**2025 TARGET (absolute reduction\*)**



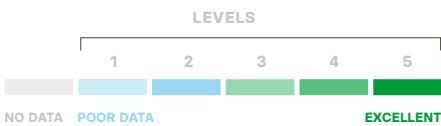
\*percentage reduction of annual methane operated emissions by 2025 based on 2022 estimates

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



3 non-operated assets out of 4 assets in scope excluded due to the materiality rule (<5% equity)



**GOLD STANDARD**



**INDEX**

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**SEGMENT**

**UPSTREAM**



**SHELL**

Shell is a global group of energy and petrochemical companies\* with expertise in exploration, production, refining/marketing/trading of oil and natural gas, and manufacturing/marketing of chemicals. Shell's purpose is to power progress together with more and cleaner energy solutions. Our strategy is to accelerate the transition of our business to net-zero emissions, purposefully and profitably, transforming the business and providing more low-carbon energy. Safety, environment protection, and social responsibility are fundamental to our approach.

Shell's climate target is to become a net-zero emissions energy business by 2050. In 2021, we set a target to reduce absolute emissions by 50% by 2030, compared to 2016 levels. This covers all Scope 1 operational emissions, and Scope 2 emissions associated with the energy we buy to run our operations. Shell also has a target to maintain methane emissions intensity below 0.2% for its operated oil and gas assets and achieve near-zero methane emissions by 2030 from our own operations.

We continue to collaborate with industry, institutions, non-governmental organisations, and academia to improve data quality and abate methane. Shell signed the OGMP 2.0 Framework in 2020 with activities in 2021 including piloting a range of remote-sensing, satellite, and direct-measurement technologies to support its implementation and expand the variety of technologies and practices to reduce methane emissions from our operations.

\* Please read the full Legal Disclaimer at: <https://www.shell.com/energy-and-innovation/the-energy-future/our-climate-target.html>

**INDEX**

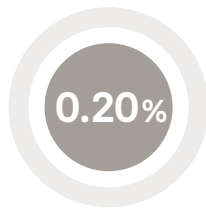
**DATA QUALITY** = Reporting levels 1 to 5, where increasing level corresponds to increased use of direct measurements

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**SEGMENT**

**UPSTREAM**

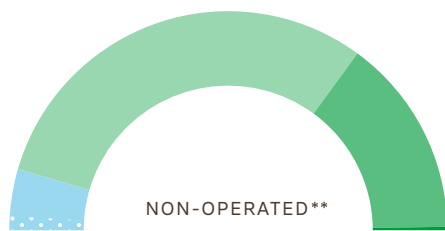
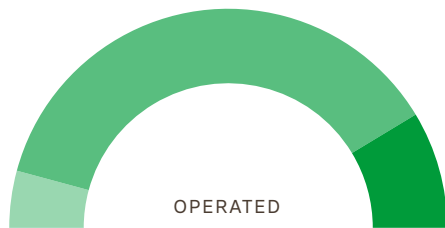
**2025 TARGET (intensity\*)**



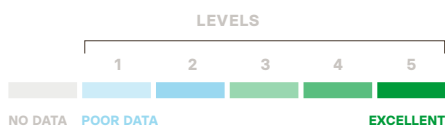
\* maximum amount of annual methane emissions by 2025 as a percentage of marketed gas

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**

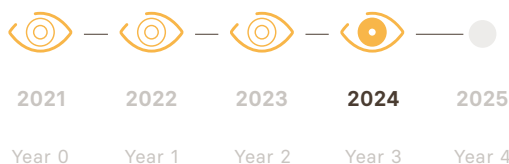


26 operated assets out of 31 assets in scope not reported



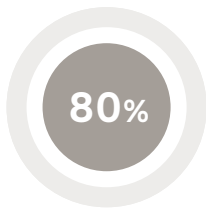
\*\* dotted pattern = incomplete data

**GOLD STANDARD**





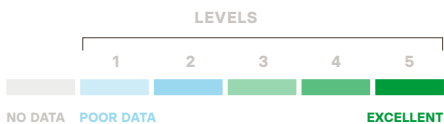
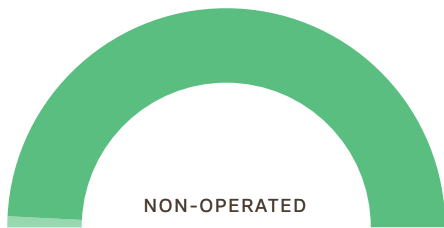
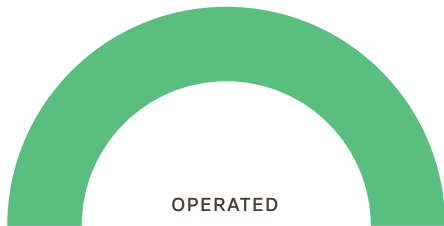
**2028 TARGET (absolute reduction\*)**



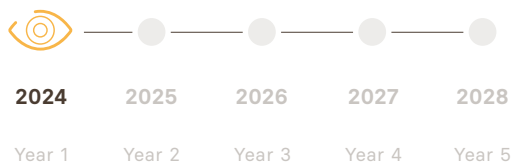
\*percentage reduction of annual methane emissions by 2025 based on 2020 estimates

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



**GOLD STANDARD**



**SIERRACOL ENERGY**

SierraCol Energy is a leading independent oil and gas company operating in Colombia. We are a full-cycle oil and gas exploration and production company with operations in conventional onshore oil assets in the Llanos, Middle Magdalena, and Putumayo basins. Our assets are located near strategic processing, storage, and transportation infrastructure.

SierraCol Energy began operations as an independent company in December 2020 through the acquisition of Occidental's Colombian oil and gas onshore assets. In May 2021, we expanded our portfolio by incorporating the assets of COG Energy Ltd., consolidating our operational hub in Central Llanos.

We own interests in some of the most iconic fields in the Colombian E&P sector, including the Caño Limón area and La Cira Infantas, which are structurally advantaged due to scale, high-quality oil and low transportation costs.

SierraCol Energy is committed to achieving the highest ESG performance, creating value for all our stakeholders. Sustainability for us means operating responsibly and generating economic, social, and environmental value.

Our ESG strategy encompasses five pillars: Climate Action, Action for the Planet, Communities and Society, Solid Governance and Operational Excellence.

SierraCol Energy has successfully reduced Scope 1 and 2 CO2 emissions in 2023 by 47% versus the 2020 baseline and are on track for achieving a 60% reduction by end of 2024. This has been achieved by implementing mitigation projects in four areas: energy transition, energy efficiency, gas flaring elimination, and methane measurement and mitigation. The Company's emissions intensity factor improved year to year, from 33 in 2020 (base year) to 18.8 kg CO2e/boe in 2023. We remain committed to further reducing our carbon footprint.

**INDEX**

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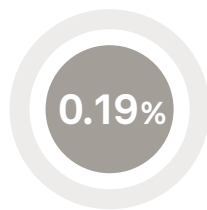
**SEGMENT**

**UPSTREAM**



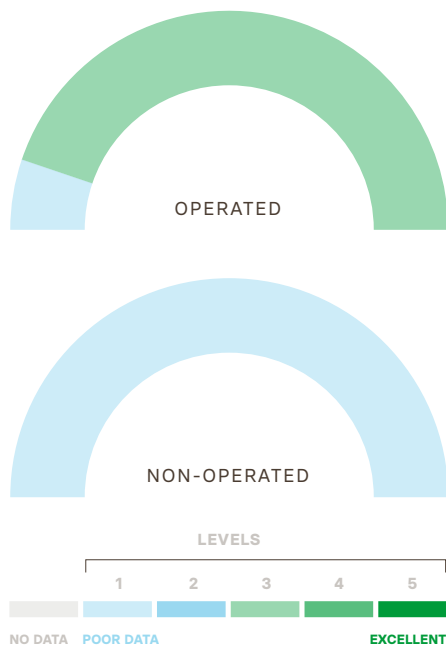
# ROMGAZ

## 2028 TARGET (intensity\*)



\* maximum amount of annual methane emissions by 2028 as a percentage of managed gas

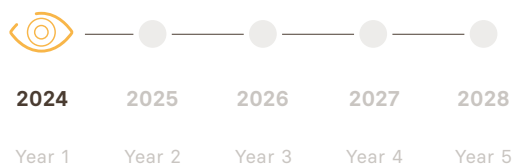
## DATA QUALITY



## 2023 METHANE ESTIMATES (kt)



## GOLD STANDARD



## SNGN ROMGAZ SA

S.N.G.N. Romgaz S.A. ("ROMGAZ" or "the Company") is the largest natural gas producer and the main underground storage operator in Romania. The Company has a large experience in the field of gas exploration and production exceeding 100 years. Its history began in 1909 when the first natural gas commercial reservoir was discovered, in the Transylvanian Basin, upon drilling of well Sarmasel-2. During the immediately following years, a gas infrastructure, unique in Europe for those times, began to emerge at a small scale, consisting of the following assets:

- gas transmission pipeline, the first of this kind in Europe, built in 1914, connecting towns Sarmasel and Turda (Cluj County), and
- gas compressor station from Sarmasel; built in 1927- the first one in Europe.

It is notable that the country's large gas structures were discovered after 1960 and in parallel, a complex infrastructure started to be developed, at national scale, dedicated exclusively to the gas extraction process and later to the injection and underground storage process. These large gas structures located in the Transylvanian basin supply considerable gas quantities even today.

Romgaz is a joint-stock, majority state owned company, 70% held by the Romanian state through the Ministry of Energy. As of November 12, 2013, company shares are traded on the regulated market governed by BVB (Bucharest Stock Exchange) under the symbol "SNG" and on the main market for financial instruments of LSE (London Stock Exchange), as GDRs (Global Depository Receipts) issued by the Bank of New York Mellon under the symbol "SNGR". Since the listing date until today, Romgaz has been considered an attractive company for investors and holds a significant position in the top of local issuers.

The company had on December 31, 2023, six branches and two subsidiaries, as follows:

### Branches:

- Sucursala Medias (Medias Branch);
- Sucursala Targu Mures (Targu Mures Branch);
- Sucursala de Interventii, Reparatii Capitale si Operatii Speciale la Sonde Medias (SIRCOSS – Branch for Well Workover, Completions and Special Well Operations);
- Sucursala de Transport Tehnologic si Mentenanta Targu Mures (STTM – Technological Transport and Maintenance Branch);
- Sucursala de Productie Energie Electrica Iernut (SPEE – Iernut Power Generation Branch);
- Sucursala Drobeta-Turnu Severin (Drobeta-Turnu Severin Branch).

### Subsidiaries:

SNGN Romgaz SA - Filiala de Înmagazinare Gaze Naturale Depogaz Ploiești SRL (Depogaz)  
To perform the legal unbundling of the storage activity, SNGN Romgaz SA approved to set up a new limited liability company, with Sole Associate, a subsidiary held 100% by SNGN Romgaz SA, namely SNGN ROMGAZ SA - Filiala de Înmagazinare Gaze Naturale Depogaz Ploiești SRL (hereinafter "Depogaz"). The subsidiary performs specific underground storage activities, independent from gas production and supply activities.

As of April 1, 2018 Sucursala Ploiesti ceased its activity and SNGN Romgaz SA – Filiala de Înmagazinare Gaze Naturale Depogaz Ploiești SRL became operational, managing the natural gas underground storage activity.

Depogaz took over the operation of the underground storages licensed by SNGN Romgaz SA, the operation of assets that contribute to performing the storage activity and the entire personnel performing storage activities.

### Filiala Romgaz Black Sea Limited (RBS)

On August 1, 2022, Romgaz as Buyer, concluded the sale-purchase agreement of all shares issued by ExxonMobil Exploration and Production Romania Limited ("EMEPRL") with ExxonMobil Exploration and Production Romania Holdings Limited, ExxonMobil Exploration and Production Romania (Domino) Limited, ExxonMobil Exploration and Production Romania (Pelican South) Limited, ExxonMobil Exploration and Production Romania (Califar) Limited and ExxonMobil Exploration and Production Romania (Nard) Limited, as Sellers.

By Resolution No.9/September 22, 2022 of Romgaz Extraordinary General Meeting of Shareholders, EMEPRL was renamed ROMGAZ BLACK SEA LIMITED (RBS).

RBS holds 50% from the rights and obligations under the Petroleum Agreement for petroleum exploration, development and production for the Deep Water Zone of XIX Neptun offshore block in the Black Sea. OMV Petrom S.A. holds the remaining 50% of such rights and obligations and as of August 1, 2022, OMV Petrom is operator of the block.

The subsidiary Romgaz Black Sea Limited does not own any assets or interests and is not a party to any joint operating agreement, production agreement, production sharing agreement or any similar agreement, besides the Petroleum Agreement for petroleum exploration, development and production for the Deep Water Zone of XIX Neptun offshore block in the Black Sea (Neptun Deep Project).

Romgaz Group undertakes business in the following segments:

- natural gas exploration and production (carried out at Romgaz and Romgaz Black Sea Limited);
- UGS activity (carried out at Depogaz);
- natural gas supply;
- special well operations and services;
- maintenance and transportation services;
- electricity generation;
- natural gas distribution.

For more information on SNGN Romgaz SA please visit [www.romgaz.ro](http://www.romgaz.ro)

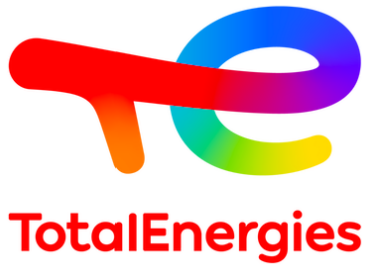
## INDEX

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## SEGMENT

**UPSTREAM**



## TOTALENERGIES

Aiming for zero methane emissions is a key element to TotalEnergies' strategy to support natural gas as a transition fuel. This ambition is based on two pillars: measuring methane emissions more accurately and abating those emissions relentlessly, for each source and for each asset.

TotalEnergies has already reduced its operated methane emissions by around 50% between 2010 and 2020. In 2023, the Company further reduced methane emissions by 47% compared to 2020 level, with absolute reduction targets of -50% in 2025 and -80% in 2030 (vs. 2020) on its operated assets. TotalEnergies strengthened its methane intensity target of less than 0.1% by 2030 on its gas facilities, by extending it to all its operated upstream Oil & Gas facilities.

After deploying its AUSEA1 drones at all its upstream operated sites worldwide, TotalEnergies has performed in 2023 the first AUSEA flights on non-operated assets and announced the signing of five cooperation agreements with national oil companies to make its AUSEA methane emissions detection and quantification technology available: Petrobras in Brazil, SOCAR in Azerbaijan, Sonangol in Angola, NNPC in Nigeria and ONGC in India

TotalEnergies actively supports two initiatives launched during COP28 focused on methane reduction in the O&G industry: the Global Flaring and Methane Reduction trust fund through a 25M\$ contribution and the Oil and Gas Decarbonization Charter (OGDC), our CEO being one of the 3 CEO Champions of OGDC. The OGDC brings together for the first time more than 50 companies, international & national oil companies, aiming for zero methane by 2030.

## INDEX

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## SEGMENT

UPSTREAM

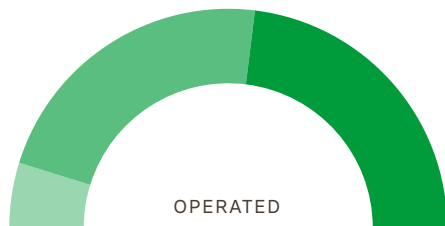
## 2025 TARGET (absolute reduction\*)



\*percentage reduction of annual methane operated emissions by 2025 based on 2020 estimates

## DATA QUALITY

## 2023 METHANE ESTIMATES (kt)



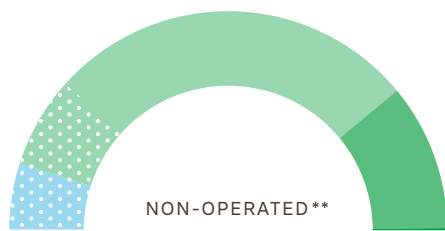
OPERATED



9 non-operated assets out of 30 assets in scope reported with missing data in at least one of the sources (dotted pattern)

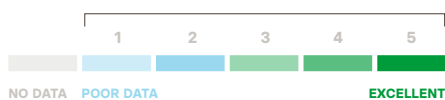
2 non-operated assets out of 30 assets in scope not reported

1 non-operated assets out of 30 assets in scope excluded due to the materiality rule (<5% equity)



NON-OPERATED\*\*

LEVELS



\*\* dotted pattern = incomplete data

## GOLD STANDARD



2021 2022 2023 2024 2025  
Year 0 Year 1 Year 2 Year 3 Year 4



**TRIPLE CROWN RESOURCES**

Triple Crown Resources (TCR) is a private, Texas-based energy company that explores and produces oil and natural gas in the Permian Basin. Our operating assets cover approximately 110,140 gross acres of land, include over 308 surface assets, and over 31 miles of natural gas pipeline.

In 2017, we were founded on the idea of open-minded, data-driven thinking, even when our conclusions run contrary to the popular narrative. Data-driven decision making was not an aspiration, but a required mindset for all employees, as our assets are in a part of the Basin that was, and still is, overlooked by others. We have thrived in counties where most others have failed. We are now viewing the economic and political landscape in the future through the same lens.

Our view of the world is filled with definite optimism: we see a better future and make concrete plans to manifest it. Where others may see risk, we see opportunity, so we view alignment with the ideals of society as enlightened self-interest. This is an environment in which we will thrive since it is a natural extension of our founding principles. What is now being asked of Exploration and Production (E&P) companies on corporate responsibility, we have prioritized since inception. We are leaders in the Permian Basin on many metrics in part because we have a substantial head start. It is simply in our DNA. We will continue being an operational and thought leader on environmental, social, and governance topics because we believe it is not only good business, but our responsibility to our stakeholders, landowners, and employees.

In even the most pessimistic projections of oil and gas demand, hydrocarbons still dominate the energy mix for decades. However, the E&P companies that will thrive must be built to respond quickly and effectively to changes in the economic, political, and social climate. That is who we are in a nutshell. We will continue to produce affordable energy in a way that aligns investors, management, employees, the community, and the environment.

**INDEX**

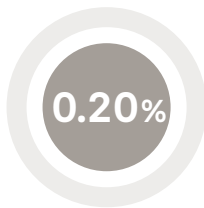
**DATA QUALITY** = Reporting levels 1 to 5, where increasing level corresponds to increased use of direct measurements

**GOLD STANDARD** has been awarded to companies who demonstrate an explicit and credible path to report all material assets at levels 4 and 5 within 3 years for operated ventures and within 5 years for non operated ventures. The Gold Standard is maintained by meeting the credible path and continuing to progress reporting to level 5 for the overwhelming majority of material assets.

**SEGMENT**

**UPSTREAM**

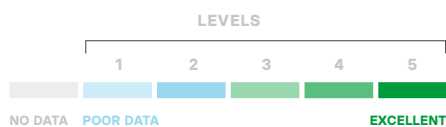
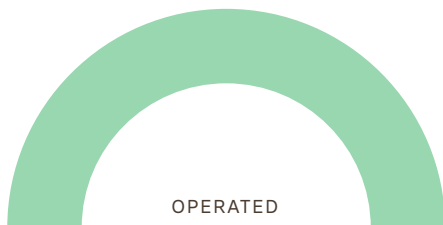
**2025 TARGET (intensity\*)**



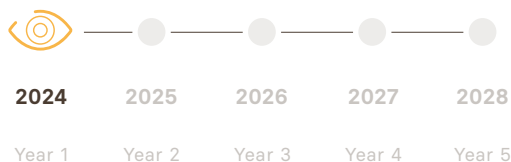
\* maximum amount of annual methane emissions by 2025 as a percentage of marketed gas

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



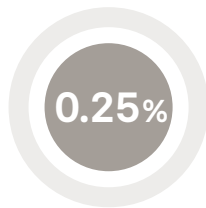
**GOLD STANDARD**



## TRP ENERGY

As a responsible operator committed to excellence, we are dedicated to advancing environmental initiatives that will lead to a greener oil and gas industry. We work hard to minimize our impact to the environment by adopting best practices that often exceed regulatory requirements. Our robust environmental, health and safety (EHS) strategy includes mitigating risks, increasing employee knowledge and skills, improving processes, and measuring performance to ensure the protection of our employees, the environment, and the public. We look for opportunities to recycle, minimize energy consumption and reduce our greenhouse gas (GHG) emissions. We also work closely with regulatory agencies to comply with all environmental requirements as well as partner with industry leaders to develop and implement programs that allow us to continue to provide affordable energy that improves the quality of life in both emerging and developed economies.

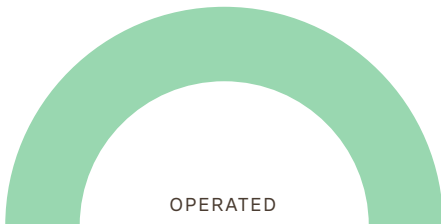
### 2025 TARGET (intensity\*)



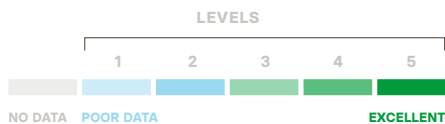
\* maximum amount of annual methane emissions by 2025 as a percentage per sales gas (scf)

### DATA QUALITY

### 2023 METHANE ESTIMATES (kt)



14 non-operated assets out of 14 assets in scope excluded due to the materiality rule (<5% equity)



### GOLD STANDARD



### INDEX

**DATA QUALITY** = Reporting levels 1 to 5, where increasing level corresponds to increased use of direct measurements

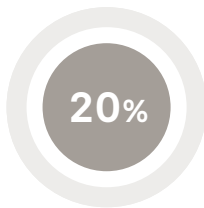
**GOLD STANDARD** has been awarded to companies who demonstrate an explicit and credible path to report all material assets at levels 4 and 5 within 3 years for operated ventures and within 5 years for non operated ventures. The Gold Standard is maintained by meeting the credible path and continuing to progress reporting to level 5 for the overwhelming majority of material assets.

### SEGMENT

**UPSTREAM**



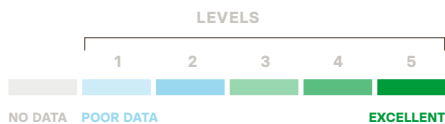
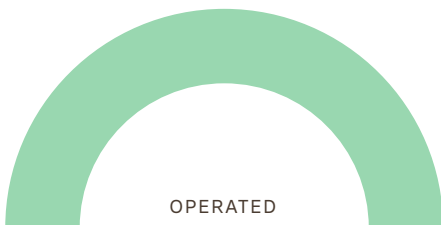
**2028 TARGET (absolute reduction\*)**



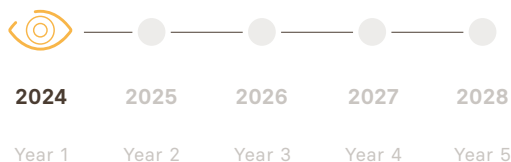
\*percentage reduction of annual methane emissions by 2028 based on 2023 estimates

**DATA QUALITY**

**2023 METHANE ESTIMATES (kt)**



**GOLD STANDARD**



**WAPITI ENERGY**

Wapiti Energy is a privately held oil and gas company focused on strategic oil and gas exploration and production throughout the onshore United States. Our founding principles of integrity, effort, fortitude, and entrepreneurship have made us a trusted oil & gas partner to industry, financial and family offices. We strive to be a leader in sustainable energy production, minimizing our emissions while maximizing production. Our goal is to significantly reduce methane emissions associated with our operations by implementing innovative technologies and best practices.

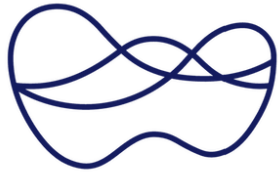
**INDEX**

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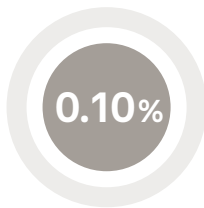
**SEGMENT**

**UPSTREAM**



# wintershall dea

## 2025 TARGET (intensity\*)



\* maximum amount of annual methane emissions by 2025 as a percentage of marketed gas

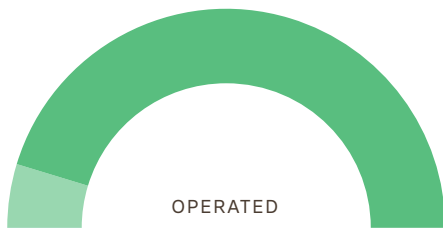
## WINTERSHALL DEA

Wintershall Dea is committed to be a leading company in carbon-efficient gas and oil production. As a European company, we strongly support the EU's 2050 carbon-neutrality target.

To play our part in this commitment, we have set ourselves ambitious targets. We want to be net zero across our entire upstream operations – both operated and non-operated — by 2030. This includes Scope 1 (direct) and Scope 2 (indirect) greenhouse gas emissions on equity share basis. As a member of the Methane Guiding Principles industry initiative, we are working towards a continual reduction in methane emissions. We have committed to achieve a methane emissions intensity of below 0.1 % by 2025 and beyond.

## DATA QUALITY

## 2023 METHANE ESTIMATES (kt)

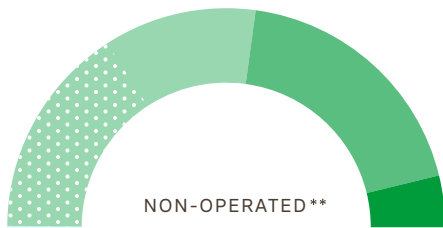


OPERATED



0.10

6 operated assets out of 15 assets in scope not reported

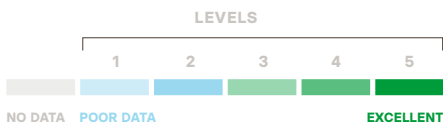


NON-OPERATED\*\*

4 non-operated assets out of 14 assets in scope reported with missing data in at least one of the sources (dotted pattern)

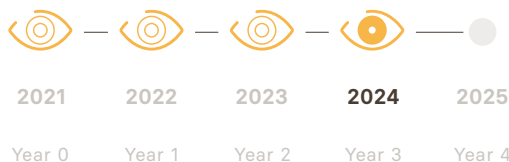
7 non-operated assets out of 14 assets in scope not reported

1 non-operated assets out of 14 assets in scope excluded due to the materiality rule (<5% equity)



\*\* dotted pattern = incomplete data

## GOLD STANDARD



## INDEX

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## SEGMENT

UPSTREAM

# XP



## XP

XP is a specialized oil and gas operator with a strong track-record in production enhancement and operations decarbonization.

We invest in and operate mature onshore oil and gas fields to make the operations safer, greener, more efficient and more productive for a longer time.

At the heart of XP's innovative, data-driven, operational model is a digital transformation that enables to uncover new opportunities for production enhancement, reserves growth, operations optimization and environmental footprint reduction.

In 2022, XP was providing its services and operating fields for OMV Petrom and Naftogaz in Romania and in Ukraine.

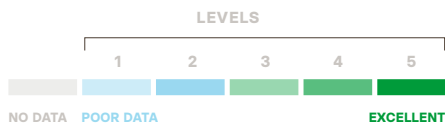
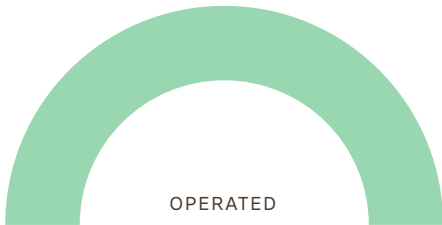
### 2025 TARGET (intensity\*)



\* maximum amount of annual methane emissions by 2025 as a percentage of produced hydrocarbons

### DATA QUALITY

### 2023 METHANE ESTIMATES (kt)



### GOLD STANDARD



### INDEX

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### SEGMENT

UPSTREAM