

Independent Limited Assurance Statement to the Directors and Management of Woodside Energy Group Limited

What we found: Our Limited Assurance Conclusion

GHD Pty Ltd (GHD or we) was engaged by Woodside Energy Group Limited (Woodside) to undertake a limited assurance engagement in respect of the following selected matters for the calendar year ending 31 December 2024, presented within the data tables on the Woodside's website within the Sustainability Data Tables section:

Material topics	Metrics
Environment	<p>Non-greenhouse gas emissions</p> <ul style="list-style-type: none"> - Nitrogen oxides (NOx) (tonnes) - Sulphur oxides (SOx) (tonnes) <p>Refrigerants</p> <ul style="list-style-type: none"> - CFC-11 equivalent (tonnes) <p>Water</p> <ul style="list-style-type: none"> - Fresh water use (m³) - Fresh water intensity (m³/kt) - Produced formation water – reinjection (m³) <p>Waste</p> <ul style="list-style-type: none"> - Non-hazardous (tonnes) - Hazardous (tonnes) <p>Waste disposal</p> <ul style="list-style-type: none"> - Incineration (tonnes) - Evaporation (tonnes) - Landfill (tonnes) <p>Environmental incidents</p> <ul style="list-style-type: none"> - Total number of hydrocarbon spills >1 bbl - Total – Quantity of hydrocarbon spilt for spills >1 bbl (m³)
Climate-related data	<p>Hydrocarbon Production</p> <ul style="list-style-type: none"> - Hydrocarbon Production - Total - equity (kt) - Hydrocarbon Production - Total - operated (kt) - Sales (including traded hydrocarbons) – equity (kt) <p>Global Scope 1 and 2 greenhouse gas emissions</p> <ul style="list-style-type: none"> - Scope 1 and 2 emissions – equity (net) (kt CO₂-e) - Scope 1 emissions – equity (gross) (kt CO₂-e) - Scope 2 emissions – equity (gross) (kt CO₂-e) - Equity offsets retired in respect of annual emissions (kt CO₂-e) - Scope 1 and 2 emissions - operated (gross) (kt CO₂-e) - Scope 1 emissions – operated (gross) (kt CO₂-e) - Scope 2 emissions – operated (gross) (kt CO₂-e) - Percentage of equity Scope 1 and 2 emissions covered under emissions limiting regulations (%) <p>Flared Gas</p> <ul style="list-style-type: none"> - Total flaring – equity (t) - Total flaring – operated (t) - Flaring intensity – equity (t/kt) - Flaring intensity – operated (t/kt) <p>Sources of Scope 1 greenhouse gas emissions</p> <ul style="list-style-type: none"> - Fuel combustion (kt CO₂-e) - Flaring (kt CO₂-e) - Venting (kt CO₂-e) - Other (kt CO₂-e) <p>Equity Scope 1 greenhouse gas emissions by Country</p> <ul style="list-style-type: none"> - Australia (kt CO₂-e) - Senegal (kt CO₂-e) - Trinidad and Tobago (kt CO₂-e) - United States of America (kt CO₂-e) <p>Methane</p> <ul style="list-style-type: none"> - Methane emissions (greenhouse equivalent) – equity (kt CO₂-e) - Percentage of equity gross Scope 1 and 2 emissions that are methane (%) - Methane intensity – equity (t CH₄/kt total production) - Methane intensity – equity (Sm³/Sm³ marketed gas) (%) - Methane emissions (greenhouse equivalent) - operated (kt CO₂-e) - Methane intensity – operated (t CH₄/kt total production) - Methane intensity – operated (Sm³/Sm³ marketed gas) (%)



Material topics	Metrics
	<p>Global Scope 3 greenhouse gas emissions estimates</p> <ul style="list-style-type: none"> Scope 3 emissions – equity total (kt CO₂-e) Scope 3 emissions – purchased goods and services, related to Traded Hydrocarbons – equity (kt CO₂-e) Scope 3 emissions – selected other upstream – equity (kt CO₂-e) Scope 3 emissions – downstream transportation and distribution – equity (kt CO₂-e) Scope 3 emissions – use of sold product, related to Woodside production – equity (kt CO₂-e) Scope 3 emissions – used of sold product, related to Traded Hydrocarbons – equity (kt CO₂-e) <p>Greenhouse gas emissions intensity</p> <ul style="list-style-type: none"> Scope 1 emissions intensity – equity production (gross) (kt CO₂-e/kt) Scope 1 emissions intensity – operated production (gross) (kt CO₂-e/kt) Scope 1 emissions intensity – equity revenue (gross) (kt CO₂-e/revenue-equity US\$ m) Scope 1 upstream facility emissions intensity – equity production (gross) (kg CO₂-e/boe) Scope 1 LNG facility emissions intensity – equity production (gross) (kg CO₂-e/boe) Scope 1 and 2 emissions intensity – equity production (net) (kt CO₂-e/kt) Scope 1 and 2 emissions intensity – operated production (gross) (kt CO₂-e/kt) Scope 1, 2 and 3 emissions intensity – equity production (net) (g CO₂-e/MJ)
Health and safety	<p>Workforce exposure hours</p> <ul style="list-style-type: none"> Employees (hours) Contractor (hours) Total (hours) <p>Number of incidents</p> <ul style="list-style-type: none"> Fatalities – employees Fatalities – contractor Total Fatalities High-consequence work-related Injuries (excluding fatalities) – employees High-consequence work-related Injuries (excluding fatalities) - contractors Total high-consequence work-related injuries (excluding fatalities) Recordable injuries – employees Recordable injuries – contractors Total recordable injuries Lost time injury events – employees Lost time injury events – contractor Total lost time injury events High potential incidents Recordable occupational illnesses – employees Recordable occupational illnesses – contractors Total recordable occupational illnesses <p>Number of process safety events</p> <ul style="list-style-type: none"> Tier 1 Tier 2 Total Tier 1 or 2 <p>Total recordable occupational illness frequency by region</p> <ul style="list-style-type: none"> Africa Americas Asia Australia Caribbean Overall frequency <p>Number of lost days by region</p> <ul style="list-style-type: none"> Africa Americas Asia Australia Caribbean Total <p>Frequency rates</p> <ul style="list-style-type: none"> Fatality rate – employees Fatality rate – contractors Total fatality rate High-consequence work-related injury rate (excluding fatalities) - employees High-consequence work-related injury rate (excluding fatalities) – contractors Total high-consequence work-related injury rate (excluding fatalities) Total recordable injury rate – employees Total recordable injury rate – contractors Total recordable injury rate Lost time injury frequency – employees Lost time injury frequency – contractors Lost time injury frequency High potential incident frequency Total recordable occupational illness frequency – employees Total recordable occupational illness frequency – contractors Total recordable occupational illness frequency <p>Total recordable injury rate by region</p> <ul style="list-style-type: none"> Africa Americas Asia Australia Caribbean Overall frequency <p>Training time spent on health and safety by region (hours)</p> <ul style="list-style-type: none"> Africa Americas Asia Australia Caribbean Europe Total

Based on the procedures we have performed and the evidence we have obtained, nothing has come to our attention that causes us to believe that the selected matters are not prepared, in all material respects, in accordance with the Reporting Criteria detailed below for the reporting period 1 January 2024 to 31 December 2024.

Note, this engagement only provides assurance over the 2024 Environment, Health and Safety and Climate data provided by Woodside and is not inclusive of other sustainability related disclosures.

Reporting Criteria

The Reporting Criteria used by Woodside for preparing the selected matters are set out in Basis of Preparation documents provided by Woodside.

Woodside Responsibility

Woodside is responsible for the preparation of its Environment, Health and Safety and Climate data tables published on Woodside's website within the Sustainability Data Tables section, including the preparation of the selected matters in accordance with the Reporting Criteria. This responsibility includes selection of appropriate Reporting Criteria and the design, implementation, and maintenance of internal controls relevant to the preparation of the 2024 Woodside data tables that is free from material misstatement, whether due to fraud or error. It is noted that greenhouse gas quantification is subject to inherent uncertainty because of incomplete scientific knowledge used to determine emissions factors and the values needed to combine emissions of different gases

The basis of our conclusion: standards-based limited assurance

We conducted our limited assurance engagement in accordance with Standards on Assurance Engagements ASAE 3000 *Assurance Engagements other than Audits or Reviews of Historical Financial Information* (ASAE 3000), and in accordance with the Australian Standard on Assurance Engagements ASAE 3410 *Assurance Engagements on Greenhouse Gas Statements* (ASAE 3410). We believe that the evidence we have obtained is sufficient and appropriate to provide a basis for our conclusion.

Our responsibility

Our responsibility is to express a limited assurance conclusion on the metrics in Woodside's 2024 Environment, Health and Safety and Climate data tables published on Woodside's website based on the procedures performed and evidence obtained. ASAE 3000 and ASAE 3410 requires that we plan and perform this engagement to obtain limited assurance to determine whether the selected matters are free from material misstatement.

A limited assurance engagement in accordance with ASAE 3000 and ASAE 3410 involves performing procedures to obtain evidence about the quantification of Environment, Health and Safety and Climate data. The nature, timing and extent of procedures selected depend on the assurance practitioner's judgement, including the assessment of the risks of material misstatement, whether due to fraud or error. In making those risk assessments, GHD considered internal control relevant to Woodside's preparation of the subject matter. A limited assurance engagement also includes:

- Assessing the suitability of Woodside's use of the reporting criteria for the data tables, as the basis for preparing the data.
- Evaluating the appropriateness of quantification methods and reporting policies used, and the reasonableness of estimates made by Woodside.
- Evaluating the completeness and accuracy of recording, aggregation and transcription of source data.

The procedures performed in a limited assurance engagement vary in nature and timing and are less in extent than for a reasonable assurance engagement. Consequently, the level of assurance obtained in a limited assurance engagement is substantially lower than the assurance that would have been obtained had we performed a reasonable assurance engagement.

Accordingly, we do not express a reasonable assurance opinion about whether the selected matters have been prepared, in all material respects, in accordance with the Reporting Criteria.

We believe that the evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

What we did: Our assurance procedures

The procedures we performed were based on our professional judgement and included enquiries, observation of processes performed, inspection of documents, analytical procedures, evaluating the appropriateness of quantification methods and reporting policies, and agreeing or reconciling with underlying records. Our procedures included:

- Thorough process owner enquiries and review of system documentation, obtaining an understanding of Woodside's reporting processes relevant to the selected matters and evaluating whether they appear appropriate for preparing the selected matters in accordance with the Reporting Criteria.
- Obtaining an understanding of Woodside's determination of its reporting boundary and performed testing to confirm it appears to have been appropriately implemented.
- Testing Woodside's calculations of Environment, Health and Safety and Climate data being based on the activity data and applying appropriate conversion and emissions factors in accordance with the Reporting Criteria.
- Performing scans on a sample basis of publicly available information in respect of possible environmental fines and penalties incurred by Woodside.
- Checking Woodside's presentation of the selected matters in its Environment, Health and Safety and Climate data tables, including that they were prepared in accordance with the findings from our limited assurance engagement.

Our independence and quality control

We have complied with the relevant ethical requirements relating to assurance engagements, which is founded on fundamental principles of integrity, objectivity, professional competence and due care, confidentiality, and professional behaviour. GHD applies Auditing Standard ASQM 1 *Quality Management for Firms that Perform Audits or Reviews of Financial Reports and Other Financial Information, or Other Assurance or Related Services Engagements* (ASQM1), and accordingly we maintain a comprehensive system of quality control including documented policies and procedures regarding compliance with ethical requirements, professional standards, and applicable legal and regulatory requirements.

Inherent limitations

There are inherent limitations in performing assurance—for example, assurance engagements are based on selective testing of the information being examined—and because of this, it is possible that fraud or error may occur and not be detected. An assurance engagement is not designed to detect all misstatements, as an assurance engagement is not performed continuously throughout the period that is the subject of the engagement, and the procedures are performed on a test basis. The opinion expressed in our Independent Assurance Statement has been formed on the above basis.

Our engagement did not include assurance of other information within Woodside data other than the selected matters, including no assurance provided in respect of previous years' comparative numbers for the selected matters.

We understand that Woodside may publish a copy of our assurance statement on its website. We do not accept responsibility for the electronic presentation of our assurance statement on Woodside's website. The security and controls over information on Woodside's website is not evaluated or addressed by us as the independent assurance practitioner. The examination of the controls over the electronic presentation of this assurance statement on Woodside's website is beyond the scope of our limited assurance engagement.

Restricted use of our limited assurance statement: Only Woodside may rely upon it

This limited assurance statement has been prepared for a specific purpose agreed with Woodside. Whilst we accept that Woodside may publish this limited assurance statement on its website as evidence of the assurance it has obtained, our limited assurance statement is not suitable to rely on for anyone else for any purpose. Accordingly, we expressly disclaim and do not accept any responsibility or liability to any party other than Woodside for any consequences of reliance on this limited assurance report for any purpose.



Michele Villa
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GHD Pty Ltd
25 February 2025