

Independent Assurance Statement to Caterpillar Inc.

ERM Certification and Verification Services, Inc. (ERM CVS) was engaged by Caterpillar Inc. to provide assurance in relation to the information set out below and presented in the Caterpillar 2021 Sustainability Report.

Engagement summary	
Scope of our engagement	<p>Whether the 2021 information and data for the specified indicators listed below are fairly presented in accordance with the reporting criteria. The data covered by the assurance will relate to year ending 31 December 2021.</p> <p><u>Environmental Data</u></p> <ul style="list-style-type: none"> • Facilities located in water high risk areas with implemented water management strategies [%] <p><i>Absolute and intensity</i></p> <ul style="list-style-type: none"> • Scope 1 GHG emissions [million metric tons CO₂e and million metric tons CO₂e/million dollars of sales and revenues*] • Scope 2 GHG emissions (by market-based method) [million metric tons CO₂e and million metric tons CO₂e/million dollars of sales and revenues*] • Total GHG emissions [million metric tons CO₂e and million metric tons CO₂e/million dollars of sales and revenues*] • Total energy consumption [GJ and GJ/million dollars of sales and revenues*] • Total water consumption [billion gallons and absolute thousand gallons of water/million dollars of sales and revenues*] <p><i>Absolute only</i></p> <ul style="list-style-type: none"> • Scope 2 GHG emissions (by location based method) [million metric tons CO₂e]; • Total electricity [MWH] • Total water consumption by source [%]: <ul style="list-style-type: none"> • Cooling water from foundry operations • Municipal water • Groundwater • Surface water • Scope 1 GHG emissions 2018 baseline recalculation [million metric tons CO₂e] • Scope 2 GHG emissions (by market-based method) 2018 baseline recalculation [million metric tons CO₂e] <p><u>Safety Indicators</u></p> <ul style="list-style-type: none"> • Lost Time Case Frequency Rate (LTCFR); • Recordable Injury Frequency rate (RIF) per 200,000 hours worked. <p>* We place reliance on the financial assurance conducted on sales and revenues dollars as they are presented in the 2021 10-K filing.</p>
Reporting criteria	The WBCSD/WRI GHG Protocol (2004, as revised January 2015) for the Scope 1 and 2 GHG emissions and Caterpillar internal reporting criteria and definitions for the other indicators.
Assurance standard	ERM CVS' assurance methodology, based on the International Standard on Assurance Engagements ISAE 3000 (Revised).
Assurance level	Limited assurance
Respective responsibilities	<p>Caterpillar is responsible for preparing the data and for its correct presentation in reporting to third parties, including disclosure of the reporting criteria and boundary.</p> <p>ERM CVS's responsibility is to provide conclusions on the agreed scope based on the assurance activities performed and exercising our professional judgement.</p>

Our conclusions

Based on our activities, as described below, nothing has come to our attention to indicate that the 2021 data and information for the disclosures listed under 'Scope of our Engagement' above are not fairly presented, in all material respects, with the reporting criteria.

Our assurance activities

A multi-disciplinary team of sustainability and assurance specialists performed a range of assurance procedures which varied across the disclosures covered by our assurance engagement, as follows:

- Interviews with relevant staff to understand and evaluate the data management systems and processes used for collecting and reporting the selected data (environmental and safety);
- A review of the internal indicator definitions, reporting guidelines and emission and conversion factors;
- An analytical review of the data from all sites and a check on the completeness and accuracy of the corporate data consolidation, including recalculation of base year emissions due to acquisitions and divestments;
- Virtual visits to eight sites to review local reporting processes and consistency of reported annual data with selected underlying source data for select environmental and safety indicators. We interviewed relevant staff, reviewed site data capture and reporting methods, checked calculations and assessed the local internal quality assurance processes;
- Desk-based review of source data for the significant contributing sites to each key corporate EHS metrics (e.g. energy, water, hours worked) including a sample of invoices and local incident logs, among others.

The limitations of our engagement

The reliability of the assured information is subject to inherent uncertainties, given the available methods for determining, calculating or estimating the underlying information. It is important to understand our assurance conclusions in this context.

Our independence

ERM CVS is a member of the ERM Group. The work that ERM CVS conducts for clients is solely related to independent assurance activities and auditor training. Our processes are designed and implemented to ensure that the work we undertake with clients is free from bias and conflict of interest. ERM CVS and the staff that have undertaken work on this assurance exercise provide no consultancy related services to Caterpillar Inc. in any respect.

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