

Independent Limited Assurance Report

ERM Certification & Verification Services Incorporated ("ERM CVS") was engaged by Trane Technologies ("Trane") to provide limited assurance in relation to the Selected Information set out below and presented in the Trane 2024 ESG Report (the "Report").

ENGAGEMENT SUMMARY

Scope of our assurance engagement Whether the following Selected Information as indicated are fairly presented in the Report, in all material respects, in accordance with the reporting criteria.

Our assurance engagement does not extend to information in respect of earlier periods or to any other information included in the Report.

Selected Information

- Total Scope 1 GHG emissions [metric tons CO2e]
- Total Scope 2 (location-based) GHG emissions [metric tons CO2e]
- Total Scope 2 (market-based) GHG emissions [metric tons CO2e]
- Biogenic emissions [metric tons CO2e]
- Scope 3 GHG emissions from the following categories [metric tons CO2e]:
 - Category 1 – Purchased Goods and Services
 - Category 11 – Use of Sold Products
- Fossil Fuel Energy and Other Direct Energy Used [MWh]
- Biogenic Energy Used [MWh]
- Electricity Used (Total Direct and Indirect) [MWh]
- Total Energy Used [MWh]
- Individual Locations that operated during 2024 directly or indirectly on 100% renewable electricity [list of locations]
- Total Water Used [Thousand cubic Meters]
- Water Used at Water Stressed Locations [Thousand cubic Meters]
- Total Hazardous Waste Generated [Metric Tons]
- Total Non-hazardous Waste Generated [Metric Tons]
- Direct VOC Air Emissions [Metric Tons]
- Total Days Away from Work (DAFW) – 200,000 Hours Basis [Days per 200,000 hours]
- DAFW Employees – 200,000 Hours Basis [Days per 200,000 hours]
- DAFW Contingent & Temporary Labor – 200,000 Hours Basis [Days per 200,000 hours]
- Total DAFW – 1 Million Hours Basis [Days per 1,000,000 hours]
- DAFW Employees – 1 Million Hours Basis [Days per 1,000,000 hours]
- DAFW Contingent & Temporary Labor – 1 Million Hours Basis [Days per 1,000,000 hours]
- Total Recordable Incident Rate [Cases per 200,000 hours]
- Number of Fatalities [Number]
- Occupational Illness Frequency Rate

Reporting period January 1, 2024, to December 31, 2024

Reporting criteria

- Trane Technologies' Basis of Reporting
- The GHG Protocol Corporate Accounting and Reporting Standard (WBCSD/WRI Revised Edition 2015) for Scope 1 and Scope 2 GHG emissions
- GHG Protocol Scope 2 Guidance (An amendment to the GHG Protocol Corporate Standard (WRI 2015) for Scope 2 GHG emissions
- The Corporate Value Chain (Scope 3) Accounting and Reporting Standard (WBCSD/WRI 2011) for Scope 3 GHG emissions
- Applicable U.S. Occupational, Safety and Health Administration (OSHA) Regulations
- GRI 403: OCCUPATIONAL HEALTH AND SAFETY

Assurance standard and level of assurance	<p>We performed a limited assurance engagement, in accordance with the International Standard on Assurance Engagements ISAE 3000 (Revised) 'Assurance Engagements other than Audits or Reviews of Historical Financial Information' issued by the International Auditing and Assurance Standards Board.</p> <p>The procedures performed in a limited assurance engagement vary in nature and timing from and are less in extent than for a reasonable assurance engagement and consequently, the level of assurance obtained in a limited assurance engagement is substantially lower than the assurance that would have been obtained had a reasonable assurance engagement been performed.</p>
Respective responsibilities	<p>Trane is responsible for preparing the Report and for the collection and presentation of the information within it, and for the designing, implementing and maintaining of internal controls relevant to the preparation and presentation of the Selected Information.</p> <p>ERM CVS' responsibility is to provide a conclusion to Trane on the agreed assurance scope based on our engagement terms with Trane, the assurance activities performed and exercising our professional judgement.</p>

OUR CONCLUSION

Based on our activities, as described below, nothing has come to our attention to indicate that the Selected Information for 2024 is not fairly presented in the Report, in all material respects, in accordance with the reporting criteria.

Summary of Greenhouse Gas (GHG) Emissions

Scope	Value	Units	ESG Report Page #
Scope 1 GHG emissions	204,962	Metric tons of CO ₂ e	104
Scope 2 GHG emissions (location-based)	116,834	Metric tons of CO ₂ e	104
Scope 2 GHG emissions (market-based)	44,003	Metric tons of CO ₂ e	104
Biogenic GHG emissions	99	Metric tons of CO ₂ e	104
Scope 3 GHG emissions – Purchased Goods and Services	4	Million metric tons of CO ₂ e	104
Scope 3 GHG emissions – Use of Sold Products	234	Million metric tons of CO ₂ e	104

Environmental Health and Safety (EHS) Metrics

Scope	Value	Units	ESG Report Page #
Fossil Fuel and Other Direct Energy Used	535,936	MWh	105
Biogenic Energy Used	577	MWh	105
Electricity Used (Total Direct and Indirect)	322,565	MWh	105
Total Energy (Fuel + Biogenic + Electricity)	848,418	MWh	105
Total Water Used	1,514	Thousand cubic meters	106
Water Used at Water-Stressed Locations	226	Thousand cubic meters	106
Total Hazardous Waste Generated	1,134	Metric tons	106
Total Non-hazardous Waste Generated	35,319	Metric tons	106
Direct VOCs	201	Metric tons	104
Total Days Away From Work (DAFW)	0.093	Per 200,000 hours	108
DAFW Employees	0.089	Per 200,000 hours	n/a
DAFW Contingent & Temporary Labour	0.170	Per 200,000 hours	n/a
Total DAFW	0.470	Per 1,000,000 hours	108

Scope	Value	Units	ESG Report Page #
DAFW Employees	0.450	Per 1,000,000 hours	108
DAFW Contingent & Temporary Labour	0.840	Per 1,000,000 hours	108
Total Recordable Incident Rate	0.700	Per 200,000 hours	108
Number of Fatalities	0	Number	108
Occupational Illness Frequency Rate	0	Number	108

Sites Operating with 100% Renewable Electricity in 2024 (see page 105-106 of ESG Report)

Location	Type	Location	Type
1. Clarksville, TN, USA	Manufacturing	15. Tyler, TX, USA	Manufacturing
2. Grand Rapids Chilliers Plant, MI, USA	Manufacturing	16. Vidalia, GA, USA	Manufacturing
3. Grand Rapids Final Finisher Plant, MI, USA	Manufacturing	17. St. Peters, MO, USA	Distribution Center
4. Lynn Haven, FL, USA	Manufacturing	18. Atlanta, GA, USA	Distribution Center
5. Marietta, OH, USA	Manufacturing	19. Arecibo DC, Puerto Rico	Distribution Center
6. Newberry, SC, USA	Manufacturing	20. Arecibo, Puerto Rico	Manufacturing
7. Noblesville, IN, USA	Manufacturing	21. Freemont, OH, USA	Manufacturing
8. Pueblo, CO, USA	Manufacturing	22. Hastings, NE, USA	Manufacturing
9. Rushville, IN, USA	Manufacturing	23. Barcelona, Spain	Manufacturing
10. Waco, TX, USA	Manufacturing	24. Essen, Germany	Manufacturing
11. Bari, Italy	Manufacturing	25. Galway, Ireland	Manufacturing
12. Conselve, Italy	Manufacturing	26. Kolin, Czech Republic	Manufacturing
13. Tribano, Italy	Manufacturing	27. Shannon, Ireland	Distribution Center
14. Prague, Czech Republic	Technology Center		

OUR ASSURANCE ACTIVITIES

Considering the level of assurance and our assessment of the risk of material misstatement of the Selected Information, a multi-disciplinary team of sustainability and assurance specialists performed a range of procedures that included, but were not restricted to, the following:

- Evaluating the appropriateness of the reporting criteria for the Selected Information;
- Interviewing relevant staff to understand and evaluate the management systems and processes (including internal review and control processes) used for collecting and reporting the Selected Information;
- Reviewing of a sample of qualitative and quantitative evidence supporting the Selected Information at a corporate level;
- Performing an analytical review of the year-end data submitted by all locations included in the consolidated 2024 group data for the Selected Information, which included testing the completeness and mathematical accuracy of conversions and calculations, and consolidation in line with the stated reporting boundary;
- Conducting virtual visits to two Trane facilities (Clarksville, TN and Tyler, TX) in the USA to review source data and local reporting systems and controls;
- Evaluating the conversion and emission factors and assumptions used; and
- Reviewing the presentation of information relevant to the assurance scope in the Report to ensure consistency with our findings.



May 7, 2025
Malvern, PA

ERM Certification & Verification Services Incorporated
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THE LIMITATIONS OF OUR ENGAGEMENT

The reliability of the Selected 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. We did not undertake source data verification at any operated facilities.

OUR INDEPENDENCE, INTEGRITY AND QUALITY CONTROL

ERM CVS is an independent certification and verification body accredited by UKAS to ISO 17021:2015. 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. Our quality management system is at least as demanding as the relevant sections of ISQM-1 and ISQM-2 (2022).

ERM CVS applies a Code of Conduct and related policies to ensure that its employees maintain integrity, objectivity, professional competence and high ethical standards in their work. Our processes are designed and implemented to ensure that the work we undertake is objective, impartial and free from bias and conflict of interest. Our certified management system covers independence and ethical requirements that are at least as demanding as the relevant sections of the IESBA Code relating to assurance engagements.

ERM CVS has extensive experience in conducting assurance on environmental, social, ethical and health and safety information, systems and processes, and provides no consultancy related services to Trane in any respect.