



# UK Carbon Reduction Plan (CRP)

Calendar Year 2023

Supplier name: Oracle Corporation UK Limited

December, 2024, Version [1.0]

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Public

## Disclaimer

This disclosure is provided on behalf of Oracle operating companies within the UK, namely Oracle Global Services Limited, Oracle Corporation UK Limited and Cerner Limited. The Company's ultimate parent company is US-based Oracle Corporation. Accordingly, the Company's approach to sustainability follows the Oracle Group corporate sustainability program.

## Commitment to achieving Net Zero

Oracle is committed to achieving Net Zero emissions by 2050, and to halve the absolute greenhouse gas emissions across our operations and supply chain by 2030, relative to a 2020 baseline. These targets are approved by the Exponential Roadmap Initiative, an accredited partner of the United Nations' Race to Zero.

## Emissions Calculation and Reporting Methodology

**Boundary Conditions:** Oracle sets its organizational and operational boundaries for the GHG emission inventory according to the Operational Control approach. Under this approach, Oracle accounts for 100% of direct (Scope 1) and indirect (Scope 2) GHG emissions from operations over which it, or one of its subsidiaries, has control. Emissions that are the consequence of Oracle's activities, but that occur from sources outside our operational control, are reported as Scope 3 emissions.

**Oracle GHG Emission Types:** The Oracle GHG emission inventory includes emissions from three of the six Kyoto GHGs:

- Carbon Dioxide (CO<sub>2</sub>)
- Methane (CH<sub>4</sub>)
- Nitrous Oxide (N<sub>2</sub>O)

Hydrofluorocarbons (HFCs) and Perfluorocarbons (PFCs) are present in blended fluorinated gases such as R410A, R407C, and R-14, that are used globally within Oracle assets such as air conditioning units and refrigeration applications. Similarly, fire suppression systems such as FM-200 contain HFCs. Our GHG inventory does not currently include supplementary emissions such as Chlorofluorocarbons (CFCs) and Hydrochlorofluorocarbon (HCFCs). There are, however, likely to be quantities of HCFCs still in use, such as where the phaseout of the R22 blend is ongoing.

Sulphur hexafluoride (SF<sub>6</sub>) is commonly used as an insulator in high voltage switchgear, circuits, and transformers, so it is likely to be used within Oracle buildings. Although SF<sub>6</sub> has a very high Global Warming Potential (GWP), measuring it is not practical currently as the gas is used in very small quantities within applications. No sources of NF<sub>3</sub> (Nitrogen Trifluoride) have been identified.

The GWPs used in the calculation of CO<sub>2</sub>e are based on the Intergovernmental Panel on Climate Change (IPCC) Sixth Assessment Report (AR6 - 100 year).

**Reporting:** Oracle adheres to the GHG Protocol methodology for emissions calculations and limited assurance is performed at a global level in accordance with ISO14064-3. The GHGs presented are calculated in tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e). Oracle follows the GHG Protocol guidance on dual reporting for Scope 2 emissions. Scope 3 emissions are calculated by category at the global level and not currently reported at the country level. To calculate the UK's proportion of the Scope 3 emissions, we use UK's share of total Oracle global revenue and allocate this percentage from the total global Oracle Scope 3 emissions as UK emissions.

## Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

**Baseline Year: CY 2020****Additional details relating to the Baseline Emissions calculations.**

For Scope 1 base year emissions, Oracle adheres to the GHG Protocol methodology with limited assurance in accordance with ISO14064-3. For Scope 2 base year emissions, Oracle adheres to the GHG Protocol Guidance on dual reporting. Scope 3 baseline year emissions include Scopes 3.4, 3.5, 3.6, 3.7 and 3.9 per the 2023 CRP Technical Guidance. Scopes 1, 2 and Scope 3 categories of Business Travel and Waste Generated in Operations undertook limited assurance in accordance with ISO14064-3. See Adjustments from 2022 CRP section below for base year changes that improve the accuracy and transparency of the base year reporting.

**Baseline year emissions:**

EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	801
Scope 2	35,885 (location) 4,349 (market)
Scope 3 (Included Sources)	6,007
Total Emissions	42,693 (location) 11,157 (market)

**Current Emission Reporting****Reporting Year: CY 2023****Additional details relating to the Reporting Year emissions calculations.**

GHG protocol methodology is used for emissions calculations with external verification. Scope 1, Scope 2, and Scope 3.6 Business Travel have been externally assured by a third party to limited assurance at the global level in accordance with ISO14064-3. Reporting year emissions for the Scope 3 categories listed in the Technical Standard for Completion of Carbon Reduction Plans are provided in a separate table. Additional data, including emissions by region for calendar year 2023, are disclosed in Oracle's 2024 CDP Climate Change Questionnaire. See Adjustments from 2022 CRP section below for explanations on changes from previous year reporting.

EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	1,445
Scope 2	28,455 (location based) 329 (market based)

Scope 3 (Included Sources)	8,340
Total Emissions	38,240 (location based) 10,114 (market based)

## Current Year Reporting - Scope 3 Emissions Required Categories

Reporting Year: CY 2023 Global Emissions by UK Share		
	Global Emissions	UK Emissions
<b>SCOPE 3 EMISSIONS</b>	<b>TOTAL (tCO2e)</b>	<b>TOTAL (tCO2e)</b>
Category 4: Upstream transportation and distribution	50,580	2,762
Category 5: Waste generated in operations	284	16
Category 6: Business travel	101,866	5,562
Category 7: Employee commuting	Not Available for CY 2023	
Category 9: Downstream transportation and distribution	Transportation and distribution of sold products are services purchased from logistics providers, and therefore are included in Category 4.	

## Emissions reduction targets

To continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets and related measures.

- 100% renewable energy in our Real Estate & Facilities (operations) by 2025.
- 100% renewable energy in Oracle Cloud Infrastructure (OCI) by 2025.
- 100% of key suppliers have an environmental program in place by 2025.
- 80% of key suppliers have emission reduction targets in place by 2025.
- 33% reduction in potable water per square foot by 2025 (2015 baseline).
- 33% reduction in waste to landfill per square foot by 2025 (2015 baseline).
- 25% reduction in our air travel emissions by 2025 (2019 baseline).
- 50% reduction in total Scope 1, 2, and 3 emissions across our operations and supply chain by 2030 (2020 baseline). The Exponential Roadmap Initiative, an accredited partner of the United Nations' Race to Zero, has approved this target.

Oracle Sustainability targets are set, measured, and reported at the global level. Achieving the Oracle 2030 target would equate to an estimated UK tCO2e reduction of 3,583 (market) MT CO2e in 2030 compared to the 2020 baseline. This covers all relevant reported categories of Scope 1, 2 and required Scope 3 categories reported here. This is a reduction of roughly 50%. This reduction estimates the impact of Oracle's 100% renewable energy goals and progress towards our 50% reduction of total emissions.

## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

To achieve our sustainability targets, Oracle focuses on conscious energy consumption, renewable energy adoption, and supply chain engagement. The following environmental management measures and projects have been completed or implemented since targets were set in 2021. Globally, the carbon emission reduction achieved by these schemes equate to -1,045,868 tCO<sub>2</sub>e (market), a 50% reduction against the 2020 baseline and the measures will be in effect when performing the contract.

**Energy Efficiency Initiatives:** Our facilities teams leverage several Oracle tools and external resources to evaluate our office buildings to identify opportunities to increase efficiency. This includes but is not limited to installing building automation, utilization of smart controls, and upgraded environmental conditioning (HVAC) based on data driven decisions. Oracle Cloud reduces its environmental footprint by leveraging state-of-the-art cooling and energy efficiency technologies at our green data centers. We also prioritize developing high-performing hardware that consumes less energy while efficiently handling higher workloads, benefiting our operations and customers. Energy-efficient hardware solutions will be implemented across our facilities to minimize energy usage and reduce our environmental impact.

**Renewable Energy:** At calendar year-end 2023, 68% of total global electricity consumption and 67% of total global energy consumption was covered by renewable sources. For OCI, 86% of total global electricity consumption was renewable. For the 5th year, the EU is 100% renewable energy powered.

**Supplier Engagement:** In FY23, 88% of our global key direct suppliers had an environmental program in place, and 82% had an emission reduction target in place, signifying their commitment to sustainable practices, and aligning with our mission. 88% of our key global indirect suppliers had an environmental program in place, and 79% had an emission reduction target in place. To foster a culture of sustainability, we conduct training sessions, webinars, and open dialogues that facilitate knowledge sharing and the implementation of eco-friendly technologies.

In the future we hope to implement further measures around the same themes above.

## Summary of Adjustments from 2022 CRP

**2020 Base Year Emissions:** We updated our base year emission calculations from the 2022 submission as follows:

1. Recalculated the base year emissions for Scope 1, 2 and 3 to account for the 2022 acquisition of Cerner, which constitutes a material structural change per the GHG Protocol. This results in no increase to Scope 1, a Scope 2 increase of 43 MT CO<sub>2</sub>e (location and market based), and a Scope 3 increase of 984 MT CO<sub>2</sub>e.
2. Clarified that Scope 1 base year emissions were reported at the country level instead of using a revenue share allocation as reported in 2022.
3. Included both Scope 2 location and market-based values for base year emissions per the dual reporting approach, and updated values to include OCI and operations emissions. This results in a Scope 2 base year increase, from 659 MT CO<sub>2</sub>e reported in the 2022 submission to 35,885 MT CO<sub>2</sub>e (location) and 4,349 (Market).
4. Adjusted Scope 3 base year emissions to represent only the subset of categories required by the 2023 Technical Guidance Standard (3.4 Upstream transportation and distribution, 3.5 Waste generated in operations, 3.6 Business travel, 3.7 Employee commuting, and 3.9 Downstream transportation and distribution categories). This results in a Scope 3 decrease, from 79,529 MT CO<sub>2</sub>e as reported in 2022 (representing emissions from all Scope 3 categories) to 5,023 MT CO<sub>2</sub>e.

**2023 Reporting Year Emissions:** In CY 2023, we excluded Scope 3.7 employee commuting from the global inventory due to lack of data availability due to the lack of available and readily accessible data following the completion of the Cerner acquisition in 2022. Oracle is addressing this through a new initiative to capture this information. Scope 3 emissions



previously reported under Category 3.9 Downstream transportation and distribution are now reported under Category 3.4 Upstream transportation and distribution.

**Impacts from Carbon Reduction Projects:** We recalculated the impact of the carbon reduction projects and performance to the 2030 target to account for Cerner emissions in our base year.

## Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans. Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>. Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard<sup>3</sup>.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

### Signed on behalf of the Supplier:

DocuSigned by:

Ryan O'Sullivan

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Date: 16 December 2024

<sup>1</sup><https://ghgprotocol.org/corporate-standard>

<sup>2</sup><https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

<sup>3</sup><https://ghgprotocol.org/standards/scope-3-standard>

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