

UK Carbon Reduction Plan (CRP)

Calendar Year 2022

Supplier name: Oracle Corporation UK Limited

April, 2024

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Public

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This disclosure is provided on behalf of Oracle entities within the UK, namely Oracle Global Services Limited, Oracle Corporation UK and Cerner UK. 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

We set a target to achieve net zero emissions by 2050, and to halve the greenhouse gas emissions across our operations and supply chain by 2030, relative to a 2020 baseline. This target has been approved by the Exponential Roadmap Initiative, an accredited partner of the United Nations Race to Zero.

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: 2020	
Additional details relating to the Baseline Emissions calculations.	
<p>Emissions data is reported annually by Oracle. All emissions are calculated in line with the GHG Protocol (GHGP) and Reporting Standard¹ and limited assurance is performed in accordance with ISO-14064-3 by a third party. UK emission data is summarized below. Full details regarding Oracle's carbon accounting and disclosure process can be found on www.oracle.com/corporate/citizenship/sustainability/.</p> <p>Scope 2 emissions were calculated using the GHGP market-based methodology. Per the GHGP, where market-based information is not available, location-based results were used as proxy.</p> <p>Scope 1 & 3 emissions were not measured at a country level. Oracle allocates these emissions at a country level using a revenue proxy to allocate a proportion of total emissions. We continue to partner with our third party and value chain partners to obtain country level data for our emissions. Scope 3 baseline year emissions include all Scope 3 categories.</p>	
Baseline year emissions	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	801
Scope 2	659
Scope 3 (Included Sources)	79,529

Total Emissions	80,989
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¹ <https://ghgprotocol.org/corporate-standard>

CRP Greenhouse Gas Data

Location-based GHG emissions use emission factors defined by regional and international standards, including U.S Environmental Protection Agency (EPA), Department for Environment, UK Department for Energy Security and Net Zero, UK Department for Business, Energy & Industrial Strategy, and International Energy Agency (IEA). Market-based GHG emissions calculations adhere to GHG Protocol Guidance on dual-reporting for Scope 2 emissions. Additional data, including emissions by region for calendar year 2022, are disclosed in Oracle’s [2023 CDP Climate Change Questionnaire](#).

Scope 3 GHG emissions are calculated by category at the global level and are not currently reported at the entity level. To calculate the UK’s proportion of the Scope 3 GHG emissions, the UK’s share of total Oracle global revenue is taken and this percentage used to allocate UK emissions from the total global Oracle reported GHG emissions. The table below includes the Scope 3 categories listed in the CRP technical guidance.

GHG protocol methodology is used for emissions calculations with external verification. Scope 1 and Scope 2 emissions have been externally assured by a third party to limited assurance at the global level. The GHGs presented are calculated in tonnes of carbon dioxide equivalent (tCO₂e).

Below are the combined Oracle UK GHG emissions:

Current Emissions Reporting

OUCU, OGS, and Cerner Energy GHG emissions	CY2021	CY2022
	TOTAL (tCO₂e)	TOTAL (tCO₂e)
Scope 1 Total	1,161	1,368
Scope 2 Electricity (Location Based)	36,490	27,082
Scope 2 Electricity (Market Based)	418	292

Scope 3 Emissions

Scope 3 Global Emissions by UK share	CY2022	
	Global Emissions	UK Emissions
Scope 3 Category 4: Upstream transportation & distribution	10,507	454
Scope 3: Category 5: Waste generated in operations	404	17

Scope 3: Category 6: Business Travel	70,906	3,063
Scope 3: Category 7: Employee Commuting	70	3
Scope 3: Category 9: Downstream Transportation & Distribution	42,028	1,816

Emissions reduction targets

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

- 100% renewable energy in our Real Estate & Facilities (operations) by 2025
- 100% renewable energy in our Clean Cloud (OCI) by 2025
- 50% reduction in our Scope 3 emissions per the Exponential Roadmap Initiative target setting framework (2020 baseline)
- 25% reduction in our air travel emissions (2019 baseline)
- 80% of key suppliers having emissions reduction targets in place

Oracle tracks its performance against these goals on its Sustainability page located at

<https://www.oracle.com/corporate/citizenship/sustainability/operations.html>

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 40,495 in 2030 compared to the 2020 baseline. This covers all relevant reported categories of Scope 1, 2 and 3, not only the categories required to be reported through the CRP. 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 Scope 3 emissions.

Carbon Footprint

Oracle calculates its GHG emissions according to the approach suggested by the Greenhouse Gas Protocol, which is also aligned with the ISO 14064-1 standard. An overview of Oracle's main GHG emission reduction and mitigation strategies are detailed in Oracle's [Social Impact Report](#), which is published externally on the Oracle website. The GHG emissions reported in this inventory are gross GHG emissions and do not include any GHG emission trades, offsets, or biological sequestration.

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 follows the guidance in Appendix F of the GHG Protocol Corporate Accounting and Reporting Standard,

“Categorizing GHG Emissions Associated with Leased Assets,” when applying the operational control boundaries to leased assets. Assets that are leased by Oracle and then subleased to tenants, and where Oracle does not have control over or responsibility for utility payments, are not considered to be under the Operational Control of Oracle. They are considered Scope 3 “downstream leased assets.”

Oracle GHG Emission Types

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

- Carbon Dioxide (CO₂)
- Methane (CH₄)
- Nitrous Oxide (N₂O)

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 (SF₆) is commonly used as an insulator in high voltage switchgear, circuits, and transformers, so it is likely to be used within Oracle buildings. Although SF₆ 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 NF₃ (Nitrogen Trifluoride) have been identified.

We use emission factor data sets (such as those provided by the [International Energy Agency \(IEA\)](#) to calculate GHG emission quantities, so reporting on the gases is generally constrained by the information provided within these emission factor data sets.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental projects have been completed or implemented since inception of Oracle’s carbon reduction projects.

- We set a target to achieve net zero emissions by 2050, and to halve the greenhouse gas emissions across our operations and supply chain by 2030, relative to a 2020 baseline. This target has been approved by the Exponential Roadmap Initiative, an accredited partner of the United Nations Race to Zero.
- We set a goal to match 100% energy usage with renewable sources across our offices and campuses globally. It covers a variety of energy saving projects from optimizing space to capital upgrades like LEDs and HVAC upgrades.

- We set a goal to match 100% energy usage with renewable sources across our Clean Cloud (OCI) footprint. Currently OCI is powered with 81% renewable energy globally. For the 4th year, the EU is 100% renewable energy powered.
- We set robust supplier engagement goals and adjusted our business processes to further advance the decarbonization of our supply chain. In FY23 82% of Oracle's key Direct suppliers and 79% of our in- direct suppliers had emission reduction targets.
- We are right sizing our facilities to accommodate today's work environments, surplus space is being returned or decommissioned.

In the future we will continue to develop projects around the above themes.

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 and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

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.

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: 30-Apr-2024 | 8:06 PM BST

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