

JLL Methodology Statement

2022 Sustainability Report

April 2023

Energy

In November 2022, Clarivate provided a site list of buildings to be included in their sustainability reporting. From the given site list, JLL reached out to the site teams or the property managers to gain copies of the needed utility invoices or recharges.

Many the sites had already been disposed of by the time the site list was passed to JLL, but Clarivate wished to add them into the baseline and reporting. For sites like these, and others where we could not obtain data, proxied data was used, relying on benchmarking sources.

From there, the data was collected and added into Canopy, JLLs sustainability platform. By using Canopy, we can update the emissions as and when new releases come in and are able to remain consistent from year to year. Clarivate opted to use Canopy's standard set of emissions, below is a bibliography of emission factor sources used.

Water, Waste

As Clarivate occupies mainly leased spaces, collecting **water** data is difficult and as such water consumption is mainly based on estimations. This is similar for the **waste** created within the offices also.

Business Travel

The business travel reported covers air travel only. This is the most significant form of travel for Clarivate employees.

The emissions associated with air travel are calculated from the details of all scheduled flights taken on behalf of Clarivate. Flights are categorised as:

- ✦ International to/from non-UK
- ✦ Short Haul to/from UK
- ✦ Long Haul to/from UK
- ✦ Domestic within UK

The journey distances are recorded for all flights which are then added to Canopy which then produces the emission reports based on the distances flown.

Emission Factor Sources.

Scopes 1 & 2

eGRID 2018 (December 2020). Table SRL18.

eGRID 2020 (January 2022). Table SRL20.

IEA (2021), Emission Factors (E&H)

IEA (2022) Emission Factors, IEA, Paris: Electricity and heat.

IEA (2022) Emission Factors, IEA, Paris: Electricity and heat. 2022 EF proxy.

IEA (2022) Emission Factors, IEA, Paris: Electricity and heat. 2023 EF provisional.

NGA Factors (Nov 2022) Table 1.

NGER Determination (July 2020) Part 6.

NGER Determination (July 2021) Part 6.

UK government GHG Conversion Factors for Company Reporting (2020).

UK government GHG Conversion Factors for Company Reporting (2020) (Gross CV).

UK government GHG Conversion Factors for Company Reporting (2021).

UK government GHG Conversion Factors for Company Reporting (2021) (Gross CV).

UK government GHG Conversion Factors for Company Reporting (2022).

Scope 3

eGRID 2018 (December 2020). Table GGL18, Eastern loss factor.

eGRID 2018 (December 2020). Table GGL18, Western loss factor.

eGRID 2020 (January 2022). Table GGL20, Eastern loss factor.

eGRID 2020 (January 2022). Table GGL20, Western loss factor.

IEA (2021), Emission Factors T&D; UK Gov GHG Conversion Factors for Company Reporting (WTT-gen, WTT-T&D).

IEA (2021), Emission Factors T&D; UK Gov GHG Conversion Factors for Company Reporting [Proxy - Middle East (avg)] (WTT-gen, WTT-T&D).

IEA (2021), Emission Factors T&D; UK Gov GHG Conversion Factors for Company Reporting [Proxy - Non-OECD Europe & Eurasia (avg)] (WTT-gen, WTT-T&D).

IEA (2022) Emission Factors , IEA, Paris: Transmission and Distribution.

IEA (2022) Emission Factors , IEA, Paris: Transmission and Distribution. 2022 EF proxy.

IEA (2022) Emission Factors , IEA, Paris: Transmission and Distribution. 2023 EF provisional.

NGA Factors (Aug 2021). Table 46.

NGA Factors (Nov 2022) Table 1.

UK government GHG Conversion Factors for Company Reporting (2020).

UK government GHG Conversion Factors for Company Reporting (2020) (Gross CV).

UK government GHG Conversion Factors for Company Reporting (2020) (Gross CV). Sum of Fuels and WTT Fuels.

UK government GHG Conversion Factors for Company Reporting (2021).

UK government GHG Conversion Factors for Company Reporting (2021) (Gross CV).

UK government GHG Conversion Factors for Company Reporting (2021) (Gross CV). Sum of Fuels and WTT Fuels.

UK government GHG Conversion Factors for Company Reporting (2022).