

Ligentia Carbon Reduction Plan 2021

Supplier name: Ligentia UK Ltd
 Publication date: 17 November 2021

Commitment to Achieving Net Zero

Ligentia is committed to achieving Net Zero emissions by 2030.

Baseline Emissions Footprint

Definition: 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:

Ligentia appointed Carbon Footprint Ltd, a leading carbon and energy management company, independently to assess its Greenhouse Gas (GHG) emissions in accordance with the UK Government's 'Environmental Reporting Guidelines: Including Streamlined Energy and Carbon Reporting Guidance'.

The GHG emissions have been assessed following the ISO 14064-1:2018 standard, using the 2020 emission conversion factors published by Department for Environment, Food and Rural Affairs (Defra) and the Department for Business, Energy & Industrial Strategy (BEIS). The assessment follows the location-based approach for assessing Scope 2 emissions from electricity usage. The financial control approach has been used.

Table 1 below summarises the GHG emissions in tCO₂e for reporting year: 1 January 2020 to 31 December 2020. This is the first year Ligentia has assessed its emissions, and this sets the baseline for future assessments.

Baseline Year Emissions:

Emission	Total (tCO ₂ e)
Scope 1	12.81 tCO ₂ e
Scope 2	114.86 tCO ₂ e
Scope 3 (included sources)	23.27 tCO ₂ e
Total Emissions	150.94 tCO₂e

Table 1

Current Emissions Reporting

Reporting Year: 2021

Building on Ligentia's baseline year of 2020, our first reporting year will be 2021. Shown below in Table 2 are our projected tCO₂e emissions across Scopes 1, 2 and 3. We forecast a small increase in emissions in 2021 due to two factors.

Firstly, our business activities in 2020 were influenced by the national restrictions imposed as a consequence of COVID-19. Two key areas led to reduced emissions, which were working from home and less commuting and business travel. As lockdown restrictions eased in 2021, we adopted hybrid working arrangements, which have increased business activities. Secondly, as a business we are growing.

The combined effect in 2021 on our carbon footprint is a small projected rise in emissions above our baseline year. Ligentia's Board has set a Carbon Net Zero target date of 2030 and our Carbon Reduction Plan has factored in the 2021 projected increase and still meet our 2030 target. We have instigated a programme across our business to achieve this target.

Baseline Year Emissions:

Emission	Total (tCO ₂ e)
Scope 1	13.13 tCO ₂ e
Scope 2	117.73 tCO ₂ e
Scope 3 (included sources)	23.85 tCO ₂ e
Total Emissions	154.71 tCO₂e

Table 2

Ligentia’s Projected Carbon Reduction Targets

In order to continue our progress to achieve Net Zero, we have adopted the following carbon reduction targets. We project that carbon emissions will decrease over the next eight years to zero CO₂e by 2030. This is a reduction of 100% from the baseline year.

Progress against these targets is projected in Table 3 below:

Ligentia Projected Carbon Reduction

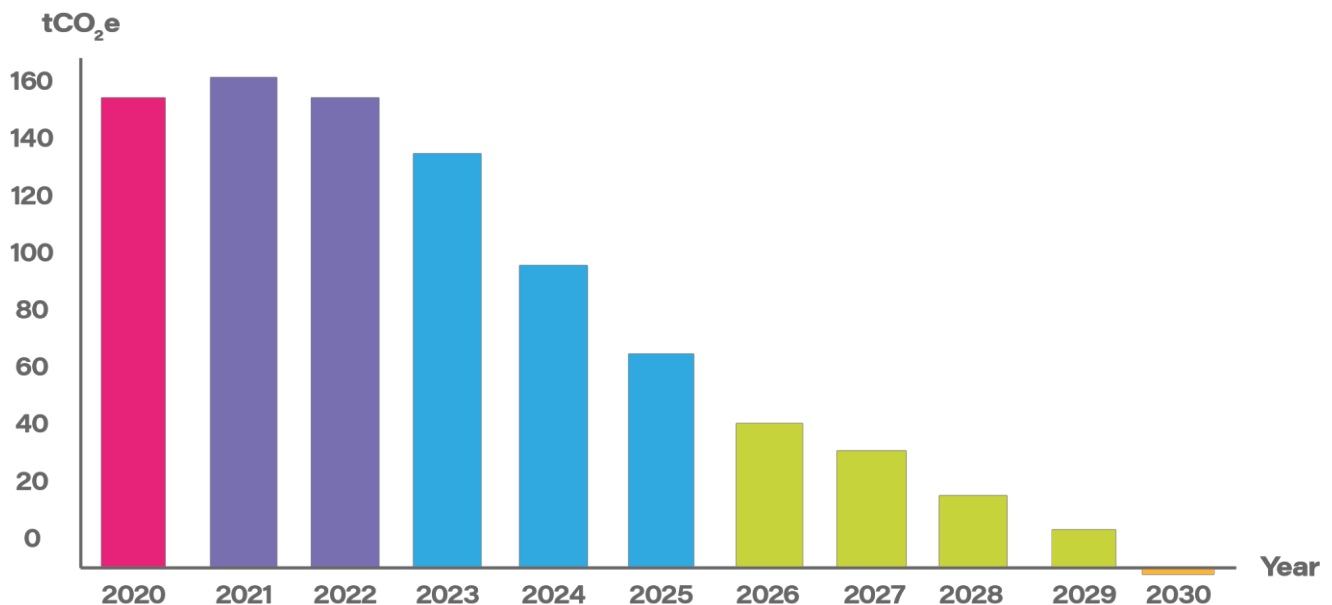


Table 3

Carbon Reduction Projects

The following environmental management measures and projects have been completed, are being implemented or are planned since the 2020 baseline. The carbon emission reductions that will be achieved by our target year of 2030 through the schemes below equate to 150.94 tCO₂e, a 100% reduction against the 2020 baseline. The measures will be in effect when performing contracts.

The following carbon reduction projects have been adopted and completed:

- » Board policy commitment statement promulgated throughout our organisation
- » Set up a section on the Ligentia intranet named: *Think Green Be Green*. It encourages our colleagues to change behaviours by educating them on environmental topics and offering simple hints and tips. This was created to support work related decision making and also to influence behaviours of family and friends outside the workplace
- » Employee awareness and training using change management techniques. In 2020, a survey of our employees, with an 84% response rate, found that 88% agreed or strongly agreed with the statement that “*Ligentia cares about the planet and we have initiatives in place that have a positive impact on the world around us.*”
- » The implementation of a recycling management programme in every office
- » The installation of LED lighting across our locations following the initial project at our Heston branch

The carbon reduction projects that have been adopted and are currently being implemented include:

- » The Board has supported Ligentia's sustainability lead in her development through attending the Sustainability Leadership course at Cambridge University. This demonstrates our commitment to driving change through a robust programme and retaining expertise within the business
- » The following initiatives are being implemented (results awaited):
 - 🌍 Reducing printing needs to save energy, paper and raw material resources in printers
 - 🌍 Reducing energy consumption use across our IT processes through a new policy covering how to communicate, share files and use teams (backgrounds and cameras)
 - 🌍 Ensuring that new offices will have BREEAM accreditation – our Nexus office in Leeds is an example
 - 🌍 Implementing new travel policies for 2022 with a policy banning UK domestic flights and encouraging shared travel and the use of public transport
 - 🌍 Installing electric vehicle charging points at sites in the UK where we have established a need

The carbon reduction projects that are being planned for adoption and implementation include:

- » Ligentia will review the 2021 footprint with all strategic customers to highlight where initiatives can be introduced to reduce their overall energy consumption in 2022. We are researching industry partnerships to further enhance our ability to influence positive behaviours across our industry
- » In 2022, we will introduce baseline green credentials for our supplies with a tiered priority list of approved suppliers for each department to ensure that products they purchase are sustainable
- » In 2022, we will replace all gas warehouse equipment with electric equipment by the end of the year
- » In Q1 2022, we will ask all Ligentia colleagues to sign up to our No Plastic Pledge. This will ask them to introduce three new ways of eradicating plastic from their daily life

Declaration and Sign Off

Our Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standards 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.

Ligentia's Carbon Reduction Plan has been reviewed and signed off by the Board of directors.

Signed on behalf of the supplier:

Signature: 

Date: 16th November 2021