

Commitment to achieving well-below 2°C trajectory*

Guerbet is committed to achieving well-below 2°C trajectory emissions by 2032. The commitment is for Guerbet as a group, and applies to Guerbet Laboratories Ltd.

Baseline Emissions Footprint

Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: 2021

Baseline year emissions: EMISSIONS for Guerbet Laboratories Ltd. (tCO2e)

Scope 1: 8,81 tCO2e

Scope 2: 46,71 tCO2e

Scope 3: 391,43 tCO2e :

- Upstream transportation and distribution: 340,15 tCO2e
- Waste generated in Operations: 1,35 tCO2e
- Business Travel: 25,80 tCO2e
- Employee Commuting: 24,13 tCO2e
- Downstream Transportation and Distribution: 0 tCO2e

Total Emissions: 446.95 tCO2e

For the year 2022 :

Scope 1: 8,81 tCO2e

Scope 2: 46,71 tCO2e

Scope 3: 396,48 tCO2e :

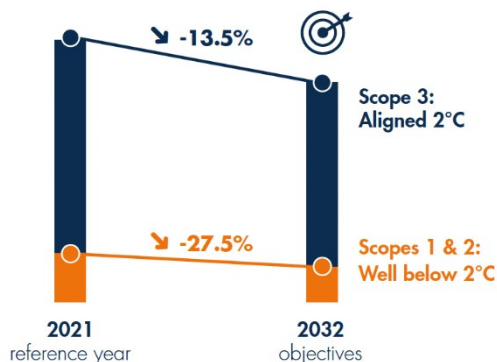
- Upstream transportation and distribution: 288,65 tCO2e
- Waste generated in Operations: 1.41 tCO2e
- Business Travel: 81,40 tCO2e
- Employee Commuting: 25,02 tCO2e tCO2e
- Downstream Transportation and Distribution: 0 tCO2e

Total Emissions: 451,99 tCO2e

Emissions reduction targets

In order to continue our progress to achieving well-below 2°C trajectory, we have adopted the following carbon reduction targets. We project that carbon emissions will decrease over the next ten years, with a reduction of 16.1%.

Guerbet has decided to commit to at least a “Well below 2°C” trajectory by 2032, starting from reference year 2021. In concrete terms, this trajectory breaks down as follows:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The industrial plants deploy programs to manage energy consumption in order to limit the environmental impact and optimize production costs. The plants are working to improve the energy performance of new equipment and in projects.

Actions are also carried out at the head office and by the sales subsidiaries (e.g., low-consumption light fixtures).

As examples, the following environmental management measures and projects have been completed or implemented since the 2021 baseline:

- definition and implementation of energy restraint plans
- at Lanester, a feasibility study underway as part of the plant's decarbonization project, continuation of the consumption mapping and analysis program, and maintaining the recycling of a solvent with a high calorific value to replace gas on the incinerator, reducing the site's gas consumption.
- at Dublin:
 - installation of a new, more efficient boiler with an expected reduction of nearly 10%,
 - work to optimize the internal solvent recycling facilities, increasing the proportion of recycling and reducing energy consumption (the plant has been recycling the two main solvents used in its processes for several years),
 - finalization of the leak repair program,
 - continued replacement of lighting with LEDs,
- at Aulnay-sous-Bois:
 - purchase of an osmosis unit to supply the plant's main boiler, with the injection of better-quality water limiting the amounts of water and gas,
 - addition of steam meters,
 - commissioning of a condensate heat recovery system,
 - renovation of the air-handling unit ducts to limit heat loss,
- at Rio, replacement of the boiler.

In the future we hope to implement further measures such as:

- **Governance:**
 - strengthen climate governance at every level of the company
 - review the climate trajectory in the Executive Committee and Board of Directors
 - translate Group objectives into individual objectives for key functions
 - strengthen the consideration of climate in internal decision-making mechanisms (medium-term budgets, etc.).
- **Employee engagement & training:**
 - involve all employees in contributing to the Group's objectives
 - develop internal expertise in key functions
 - raise awareness among all employees.
- **Energy and processes:**
 - continue with energy efficiency audits and actions at industrial plants
 - set up innovative facilities
 - develop the use of renewable energies (e.g. signing a contract for the operation of solar panels at the Dublin plant)
 - strengthen energy and climate criteria in investments and development
- **Research, innovation, and development:**

- integrate the climate component from the R&I stage
- systematize the life cycle analysis (LCA) of new products and packaging and progressively conduct LCAs on existing products and packaging with the highest priority.
- **Purchasing, use, and end of life:**
 - strengthen our climate criteria in the choice of suppliers
 - continue to engage with suppliers with the largest carbon footprint (see section 5.6)
 - strengthen the internal recycling of raw materials and solvents
 - strengthen eco-design and circular economy approaches for all new products and developments in partnership with our suppliers and customers.
- **Transport:**
 - continue to optimize our supply chain (see the paragraph on “Minimizing the carbon impact of the supply chain”)
 - give preference to sea transport over air transport for shipping finished products to our customers
 - strengthen our climate criteria in the choice of transporters
 - continue to discuss and engage with our main transporters.

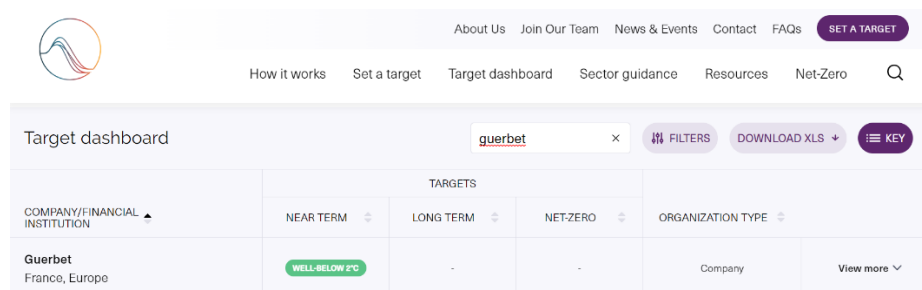
Declaration and Sign Off

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 emission conversion factors for greenhouse gas company reporting. Furthermore, the scope 1 and 2 reporting is audited by Deloitte during the audit of the consolidated non-financial performance statement in our URD (Universal Registration document).

Scope 1 and Scope 2 emissions have been reported in accordance with GHG Reporting Protocol corporate standard, 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***.

In 2022, Guerbet disclosed its decarbonization objectives and made a commitment to the SBTi. The Group joined the list of Companies Taking Action, i.e., companies that are actively combating global warming. Guerbet’s dossier, submitted to the SBTi in July 2022, was approved in March 2023.



Source: <https://sciencebasedtargets.org/companies-taking-action>

This Carbon Reduction Plan has been reviewed and signed off by the board of directors and executive committee.

Signed on behalf of the Supplier:

Olivier QUERO, EHS & CSR Manager

Lee Scott, General Manager UK

Date: 31/07/2023

** Well below 2°C compared with pre-industrial temperatures, as recommended by the Intergovernmental Panel on Climate Change (IPCC).*

*** <https://ghgprotocol.org/corporate-standard>*

**** <https://ghgprotocol.org/corporate-value-chain-scope-3-standard>*