Carbon Reduction Plan

Supplier name: Chiesi Farmaceutici Spa / Chiesi Limited

Publication date: 2/12/2025

Commitment to achieving Net Zero

Chiesi is committed to achieving Net Zero emissions by 2030 for Scope 1 and 2 (own operations), and by 2035 for Scope 3 (our value chain)[1]. These targets are set at Group level and apply to our UK entity, as it is wholly owned by the parent company.

Baseline Emissions Footprint

Baseline emissions represent the greenhouse gases produced prior to the introduction of any emissions reduction strategies. They serve as the reference point against which reductions are measured.

In 2019, Chiesi committed to achieving Carbon Neutrality in its own operations by 2030, and across its value chain by 2035. As part of this commitment, Chiesi set Science Based Targets for Scope 1, 2, and 3 emissions, using 2019 as the baseline year. The commitment has since been updated from Carbon Neutrality to Net Zero, retaining the same base year.

The baseline emissions footprint reported below pertains solely to our United Kingdom subsidiary (Chiesi Limited), including our sites in Chippenham and Manchester.

Baseline Year: 2019	
Additional Details relating to the Baseline Emissions calculations.	
In 2019, Chiesi Group explored the potential to develop and commit to Science Based Targets (SBTs), progressing towards carbon neutrality by 2035. To facilitate this, GHG emissions for the baseline year were calculated using the Operational Control boundary. **Scope 1 and 2 emissions include energy consumption from our two UK sites, as well as emissions from our UK car fleet.**	
Baseline year emissions: 2019	
EMISSIONS	**TOTAL (tCO_2e)**
Scope 1	860
Scope 2	131 (Location-based approach) 111 (Market-based approach)
Scope 3 **(Included Sources)**	Waste generated in operations: 1 Business travel: 236 Employee commuting: 126
Total Emissions	1354 (Location-based approach) 1334 (Market-based approach)

[1] Chiesi Group *Sustainability Report 2024* Reports | Chiesi Limited

Current Emissions Reporting

Reporting Year: 2024	
EMISSIONS	**TOTAL (tCO_2e)**
Scope 1	472
Scope 2	186 Location-based approach) 0 (Market-based approach)
Scope 3 **(Included Sources)**	Waste generated in operations: 3 Business travel: 355 Employee commuting: 79
Total Emissions	1095 (Location-based approach) 909 (Market-based approach)

Emissions reduction targets

A reduction in Scope 1 and 2 emissions was observed in 2024 compared to the baseline year. At Group level, Chiesi reduced Scope 1 emissions by 28% and Scope 2 by 97% (market-based approach)[2]. Total Scope 3 emissions for Chiesi Group increased by 32%, mainly due to increased emissions from purchased goods and services, use of sold products, and business travel. The UK affiliate, Chiesi Limited, saw a 20% increase in Scope 3 emissions (mainly from business travel), while Scope 2 emissions were reduced to zero through the purchase of 100% renewable energy. Scope 1 emissions were reduced by 45%, primarily by reducing mobile fuel consumption and switching to biomethane for on-site heating.[2]

	Chiesi Group	**Chiesi UK**
Category	**19-24 % Change**	**19-24 % Change**
Scope 1&2		
Scope 1	-28%	-45%
Scope 2 Location Based	-5%	42%
Scope 2 Market Based	-97%	-100%
Scope 3		
Total scope 3	**32%***	**20%****

*All scope 3 categories included at Group level.
**Only Business Travel, Waste Generated in Operations and Employee Commuting included for UK.

[2] Data on file

Target

Chiesi's emissions reduction targets (approved by the Science Based Target Initiative in September 2024):

- **Scope 1 & 2:** Chiesi commits to reduce absolute **Scope 1** (direct greenhouse gas emissions) **and Scope 2** (emissions from purchased electricity and heat) **GHG emissions by 90% by 2030** from a 2019 base year[2]. This will be achieved by:

  1. Adopting biomethane as a fuel at UK sites.
  2. Electrifying 100% of the UK car fleet by 2030[2].
  3. Maintaining 100% renewable electricity use at Chiesi Limited, with a Group target to achieve this by 2025. 100% of consumption came from renewable sources in 2024.[2]

- **Scope 3:** At Group level, Chiesi commits to:
  1. Reduce Scope 3 GHG emissions from **use of sold products by 80%** per unit of **respiratory** product sold by 2030 (from a 2019 base year). The clinical development programme for low carbon propellant inhalers is complete, and we have entered the regulatory submission phase of our transition plan. Introduction to the UK market will take place following regulatory approval.[3]
  2. Reduce absolute Scope 3 GHG emissions from **use of sold products, purchased goods and services, and business travel by 90% by 2035** (from a 2019 base year), enabled by the adoption of low global warming potential propellants in inhalers and a supplier engagement programme is in place to reduce emissions for goods and services purchased by Chiesi.[4]

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2019 baseline for Chiesi Group:

Reporting

- **Carbon Disclosure Project (CDP)**
  In 2021, Chiesi submitted its first response to CDP to report our performance in terms of GHG emissions and initiating the development of a carbon management plan. In 2024, Chiesi achieved a B rating.[3]
- **Task Force on Climate-related Financial Disclosure (TCFD)**
  In 2022, Chiesi completed a pilot project that was aimed at measuring the impact of such climate risks and identify the path towards more resilient supply chains and business activities. We analysed climate related risks and opportunities in accordance with the recommendations of TCFD[1].
- **Science Based Target (SBT)**
  Chiesi's GHG emission reduction targets have been updated and approved by the Science Based Target Initiative (SBTi) in September 2024, aligned with the Paris Agreement's most ambitious goal to limit the global temperature rise to 1.5°C above pre-industrial levels by 2100.[4]
- **GHG emissions reporting and Third-Party Verification**
  From 2019, Chiesi annually provides the carbon footprint calculation according to both GHG Protocol and ISO 14064 – 1 and submits a GHG inventory calculation (GHG Protocol and ISO 14064 – 1) to a Third-Party Verifier.

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[3] Carbon Disclosure Project https://www.cdp.net/en/data/scores
[4] Science Based Targets Initiative Companies taking action - Science Based Targets Initiative

- **Streamlined Energy and Carbon Reporting framework (SECR)**
  Chiesi Limited reports its GHG inventory to SECR every year. SECR comprises water management; waste; resource efficiency and materials; emissions to air, land and water; biodiversity and ecosystem services.

Projects and Measures

- **The Better Building Programme**
  Launched in 2020, this global programme aims to improve the well-being of employees and the sustainability performance of sites, by reducing the environmental impact on natural systems and local communities, from the processes of new constructions to the operations of existing structures. To date, the Better Building program has been implemented in 43 of our existing locations worldwide[1];
- **The HFA capture system**
  To reduce emissions from the production process of pressurised Metered Dose Inhaler (pMDIs), Chiesi introduced a dedicated HFA propellant cryogenic abatement system in the Italian and French manufacturing sites. The abatement system aims to prevent emissions containing F-gas propellant to be released into the atmosphere by liquefying it instead[1].
- **Carbon Minimal Inhaler**
  The transition to a low GWP propellant will enable Chiesi to reduce up to 90% the emissions related to the propellant gas, with significant reductions expected both in terms of production processes (Scope 1) and **use of sold products** (Scope 3).[1]

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

Scope 1

- To reduce process emissions enabled by a €400 million investment plan to introduce the first carbon minimal pMDI. This project involves the use of a propellant with a low Global Warming Potential to reduce the carbon footprint of pMDIs by up to 90%.[2]
- Our strategy is focused on the adoption of energy saving strategies for stationary consumption (e.g. the adoption of heat pumps, photovoltaic panels, switch from natural gas to biogas and from diesel to biodiesel).[1]
- In terms of mobility, Chiesi aims to reduce the environmental impact of its transportation structure by enlarging the electric car fleet and promoting the transition to fossil fuels to biofuels.[1]

Scope 2

- Our strategy is focused on improving energy efficiency (through the implementation of ISO 50001:2018 energy management systems) and fostering 100% electric energy from renewable sources by 2025.[4]

Scope 3

- In terms of sustainable commuting, Chiesi offers employees contributions for train subscription; free urban bus subscription; dedicated shuttles to/from our facilities; free surveyed bike parking; biker's services (shower, changing rooms, dedicated parking); incentives (e.g. cashback for each certified sustainable home-to-work journey).[2]
- A dedicated policy to limit business travel to essential situations, use of video conferencing, optimisation of travel, and preference for low-emission transport and accessible meeting locations.[2]
- Chiesi aims to reduce the carbon footprint related to its logistics infrastructure. When possible, sea shipments are preferred to air, and sustainability is a key in selecting a logistics partner.[1]

Note that the measures reported above have already been decided by Chiesi and will become effective starting from the year specified for each measure.

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[5] and uses the appropriate Government emission conversion factors for greenhouse gas company reporting[6].
Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions are reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard[7].
This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Ralph Blom
Signed on behalf of the Supplier: ……………………………………………………………………

12 December 2025
Date: ……………………….……….

[5] https://ghgprotocol.org/corporate-standard
[6] https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting
[7] https://ghgprotocol.org/standards/scope-3-standard