

2023-24



Ensinger UK Corporate Energy Reporting



At Ensinger we believe that concerted effort and robust action is required to tackle climate change, which we recognise is a paramount global concern, and it is our duty to enforce mitigation policies in order to reduce our carbon footprint and its impacts on the environment.

During FY 2023/24 the Ensinger global group (Ultimate parent co. Ensinger GmbH) have developed clear net zero targets which have been submitted to and approved by the SBTi. These over arching targets apply to all Ensinger Group global entities which includes Ensinger UK Group (local group parent co. Ensinger Group Ltd). This plan dictates that Ensinger will aim to achieve a 45% reduction in GHG emissions (measured globally in t CO₂ eq) by 2031 for all scopes. Further to this longer term targets set a 90% reduction for scope 1 and scope 2 emissions by 2041 and scope 3 emissions by 2046 (based from a FY 2022 starting point).

During this financial year Ensinger UK Group has continued to invest in energy efficiency capital projects as-well as equipment and electrical vehicles to progress towards lowering our greenhouse gas (GHG) emissions. Examples include sustainability measures built into our warehouse upgrade project, Switching from hybrid/electric vehicles to full electric vehicles and continued focus on solar panel arrays.

In terms of our solar panel array our phase 1 installation has delivered on average 27% of our onsite energy usage requirements being a 310 Kwp system. Our phase 2 installation due to be completed in summer 2024 will deliver a further 474Kwp bringing our total generation capability to around 70% of our onsite needs making Ensinger less reliant on the grid and significantly more self sufficient with a clear reduction in our carbon footprint as-well. Further to this the UK board is considering additional investment in solar panel installations at our other UK Freehold trading sites as part of our journey towards net zero.

In 2023 Ensinger adopted more stringent measures for data collection adding or improving scope on a number of categories within Scope 3 emissions which has seen a step change in the value of Kg CO₂ eq. being reported. As a result the two prior financial years data for Scope 3 emissions have also been restated to ensure a transparent and like for like comparison.

In terms of the revised data set scope 1 and scope 2 emissions have increased slightly over the last 2 years due to increased activities generating emissions. In terms of scope 3 there is a significant increase in 2024 when compared to the two prior financial years and is primarily the result of product mix changes in our commodity of engineering plastics whereby different plastic grades have different carbon footprints from their manufacturing methods. Both globally and in the UK the largest component of Ensinger's carbon footprint is the engineering plastic product itself (inclusive the manufacturing process) and active efforts are taking place globally to mitigate this into the future. For example recycling technologies and circular economy form a key part of our strategic efforts within the topic of sustainability.

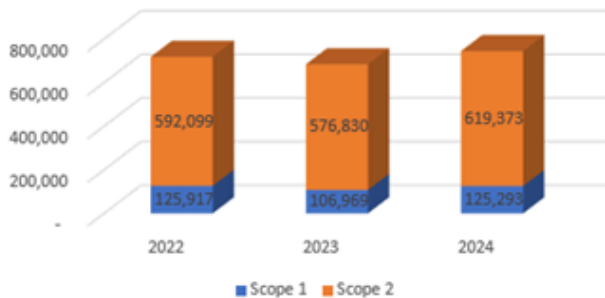
Our statutory emissions are defined by Greenhouse gas protocol as scope 1 and 2. Scope 1 is the direct emissions coming from our UK sites and operated vehicles and scope 2 represents indirect emissions coming from purchased electricity and gas that we have purchased from energy providers.

Furthermore a significant portion of our CHG emissions fall within the definition of Scope 3 emissions. These are emitted by other organisations on our behalf such as our 3rd party freight carriers who transport our products.

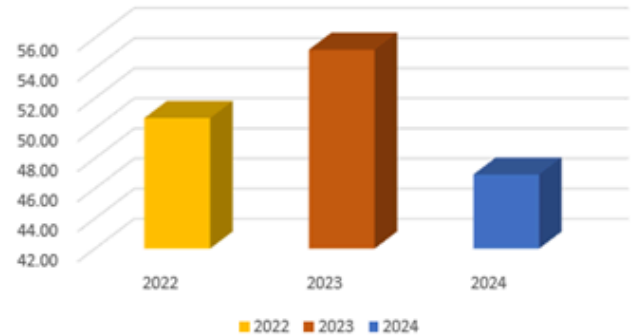
To calculate our GHG emissions we have used the governments Environmental reporting guidelines (streamlined energy and carbon reporting - March 2019). The emission factors are taken from the governments Greenhouse gas reporting - conversion factors 2021 (updated for 2024). Ensinger GHG emissions data for statutory reporting is collected from actual data such as electrical and gas bills/statements, meter readings, vehicle logs and expense claims wherever possible.



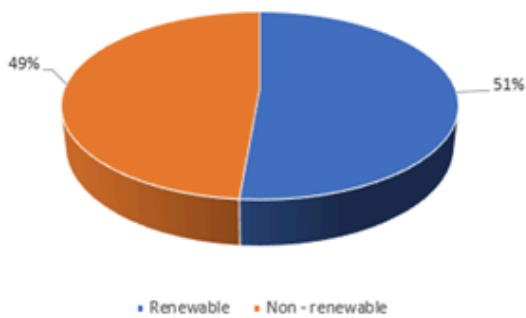
Total Statutory Emissions Kg CO₂e



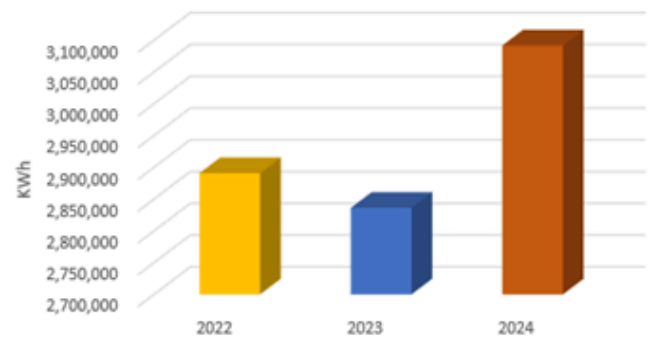
Kg CO₂e per £1m of Turnover



Energy Source (kWh)



Total Energy Consumption (kWh)



Total Measured CHG Emissions Kg CO₂e

