

# Carbon Reduction Plan Template

Supplier name: Werfen Ltd

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## Commitment to achieving Net Zero

Werfen is committed to achieving Net Zero emissions by 2045.

## Baseline Emissions Footprint

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.

|  |                           |
|--|---------------------------|
| <b>Baseline Year: 2019</b>   |                           |
| <b>Additional Details relating to the Baseline Emissions calculations</b>  |                           |
| <p><i>Our baseline year of 2019 was the first reporting undertaken by Werfen but has been retained as a baseline for our targets due to the variation in subsequent reporting following the Covid Pandemic. 2019 captures full scope 1, 2 and 3 considerations; despite substantial organisational change having occurred in 2021 and incremental scope 3 elements versus 2019, we have not created a new baseline.</i></p> <p><i>Our organisational boundary for scope 3 emissions includes the following:</i></p> <ul style="list-style-type: none"><li><i>Upstream outsourced logistics – Air -</i></li><li><i>Downstream outsourced logistics - Van</i></li><li><i>Business Flights</i></li><li><i>Upstream outsourced logistics - Lorry</i></li><li><i>Downstream outsourced logistics - Lorry</i></li><li><i>Upstream outsourced logistics - Van</i></li><li><i>Commuting</i></li><li><i>Home-workers</i></li><li><i>Electricity transmission &amp; distribution</i></li><li><i>Rail travel</i></li><li><i>Waste</i></li><li><i>Paper</i></li><li><i>Company Electric Vehicles (charged off-site)</i></li><li><i>Taxi travel</i></li><li><i>Water (and wastewater)</i></li><li><i>Ferry travel</i></li><li><i>Bus travel</i></li></ul> |                           |
| <b>Baseline year emissions:</b>  |                           |
| <b>EMISSIONS TOTAL</b>   | <b>(tCO<sub>2</sub>e)</b> |
| <b>Scope 1</b>   | <b>343.83</b>             |

|                                       |               |
|---------------------------------------|---------------|
| <b>Scope 2</b>                        | <b>35.55</b>  |
| <b>Scope 3<br/>(Included Sources)</b> | <b>181.43</b> |
| <b>Total Emissions</b>                | <b>560.81</b> |

## Current Emissions Reporting

|                                       |                                 |
|---------------------------------------|---------------------------------|
| <b>Reporting Year: 2021</b>           |                                 |
| <b>EMISSIONS</b>                      | <b>TOTAL (tCO<sub>2</sub>e)</b> |
| <b>Scope 1</b>                        | <b>271.71</b>                   |
| <b>Scope 2</b>                        | <b>1.89</b>                     |
| <b>Scope 3<br/>(Included Sources)</b> | <b>308.55</b>                   |
| <b>Total Emissions</b>                | <b>582.15</b>                   |

## Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following objectives. At the present time we do not have a projection of total reduction, instead focusing interim targets in reduction of our biggest emission sources, per highlighted objectives below:

- **Carbon Reduction & Delivering 'Net Zero'**
- To reduce our Scope 1 & 2 CO<sub>2</sub>e emissions by 50% by 2030, from a baseline year of 2019
- To monitor and reduce overall Scope 1, 2 & 3 emissions in CO<sub>2</sub>e per employee by 65% by 2030 from a baseline year of 2019".
- To achieve 'net zero' for the direct emissions of our UK organisation and services by 2040
- To achieve 'net zero' for all emissions we can influence by 2045
- To be a 'net zero' supplier for products and services as a WorldWide organization by 2050

- **Waste management**

- Continue to ensure 'zero waste to landfill' is met
- Encourage and implement initiatives to increase our percentage of 'recycled' material versus refuse derived fuel generation
  - Electrical recycling to comply with WEEE
  - Re-use or donation of unwanted electronic devices (subject to data protection requirements being achievable)
  - Recycle all paper and printing consumables
- Dispose of any biological materials, consumables or other items that may have come in contact in the appropriate yellow hazardous bins.
- Reduce paper use by 20% during 2023 vs 2021
- Ensure that any liquid waste from analysers in-house is disposed of responsibly and legally.
- Use short, dated reagents and consumables wherever possible for demonstrations, evaluations and post repair checks, in line with sales objectives, to minimise waste.
- Liaise with the European Distribution Centre to seek conformity for our packaging around relevant EU and UK legislation (reduce packaging).
- As part of customer training encourage the responsible and legal disposal of waste from analysers.
  - Ensure Safety Data Sheets (SDS) are available to all customers to allow them to perform COSHH analysis.

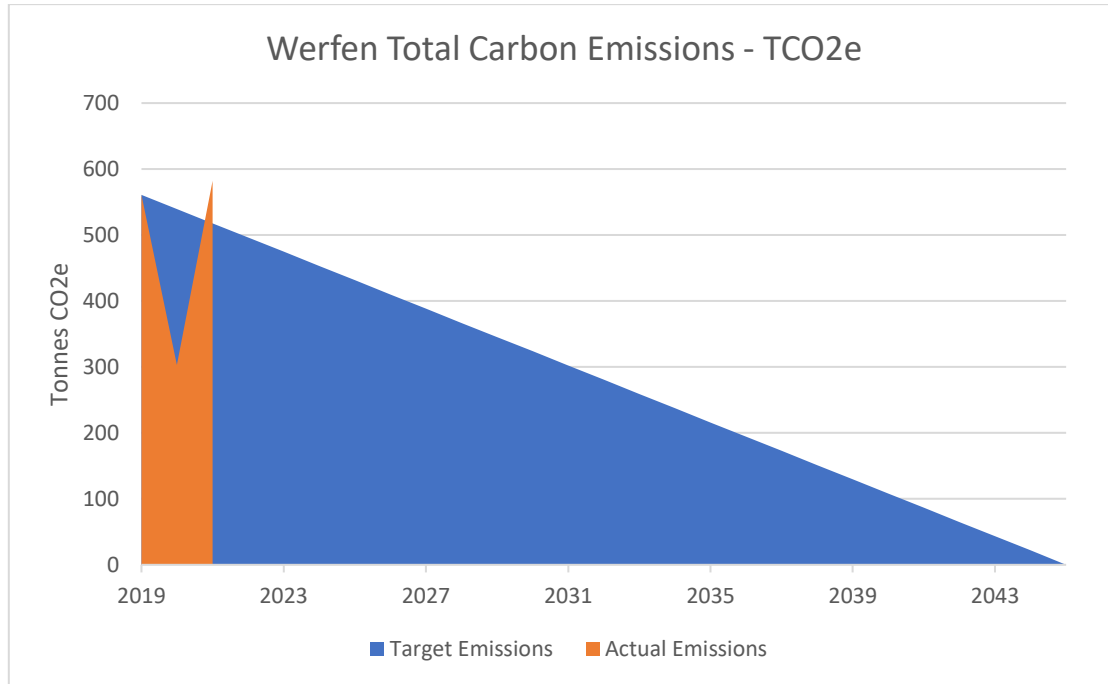
- **Transport and Travel**

- Reduction in Company Car CO2e emissions generated by 10% during 2023, and 15% during 2024, when compared to 2021 emissions.
- Increase percentage of fleet to fully electric by 10% by the end of 2023 and 30% by the end of 2024.
- Consolidation of warehouse facilities and the location of appropriate storage facilities relative to manufacturing sites and our end users has been devised to minimise transport requirements.
- Engage with our logistics suppliers to drive improvement in the environmental impact of their services.

## **5.4 Environmental education and awareness**

- Raising awareness to our staff to understand how they can improve the environment through their behaviour both in work and at home.
  - Werfen WeLearn Sustainability training module to be completed by **95%** staff by the end of 2023.
  - Promotion of Werfen Sustainability activities via LinkedIn
  - Inclusion of Sustainability actions within the Werfen Staff newsletter

Progress against these targets can be seen in the graph below:



## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2019 baseline. The carbon emission reduction achieved by these schemes equate to **157.98 tCO<sub>2</sub>e**, a **28%** reduction against the 2019 baseline, though sadly counteracted by significant organisational change and resulting emissions increase.

*Carbon reduction projects undertaken to date include:*

- *Installation of a 100KVA PV Solar energy system to the UK Werfen Office*
- *Switch to 100% renewable energy grid supply*
- *Removal of Gas appliances from Werfen UK office*
- *Replacement of lighting to become fully LED*
- *Introduction of Electric Car incentives for company car drivers*
- *Subsidy of home charge points for BEV and PHEV vehicles*
- *Significant increase in utilisation of 'remote' virtual meeting technology, reducing travel*
- *Briefly provide details of some of your completed carbon reduction projects. This is for*
- *Introduction of a sustainability group (14 people) in the UK organisation to identify and drive sustainability projects.*

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

- *Introduction of ISO 14001*
- *Continued migration of vehicle fleet to BEV*
- *Increased Solar capacity and battery storage.*

**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 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.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

**Signed on behalf of the Supplier:**

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Date: .....