ETCH.

Carbon Reduction Plan

Publication date: December 2024

Commitment to achieving Net Zero

Etch (UK) Limited is committed to reducing its carbon footprint, contributing to global efforts to combat climate change, and to achieving Net Zero emissions by 2050.

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.

Baseline Year: 2023-2024
Additional details relating to the Baseline Emissions calculations:
2023 - 2024 was the first year of emissions reporting. The period reported is Dec 2023 to Nov 2024. The baseline emissions audit included all scopes 1 & 2 plus significant scope 3 emissions including, Upstream transportation, Waste generated in operations, Business travel, Employee commuting, Downstream transportation and distribution and Purchased goods and services. The emissions have been calculated using the Greenhouse Gas Protocol (GHG) methods and targets set using the Science Based Targets Initiative (SBTi) principles keeping global warming within 1.5°C and achieving net zero by 2050. Scopes 1 & 2 emissions were estimated based on industry average data and calculated in accordance with the GHG protocol and SECR requirements. Scope 3 Emissions were measured and calculated in accordance with the GHG Corporate Value Chain (Scope 3) Standard. Commuting emissions were estimated using knowledge of distances from office. Homeworking emissions were calculated using data from the white paper issued by EcoAct and NatWest Total Etch UK emissions for the baseline year of 2023 - 2024:   **147.3 tCO2e** Carbon intensity: **30.68 tCO2e / £1M revenue**

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Baseline Year 2023-2024:	
Additional details relating to the Baseline Emissions calculations:	
Etch's baseline objective was calculated via Cogo Business carbon Manager.	

| EMISSIONS		TOTAL (Tonnes CO_2e)
Scope 1		3.33
Scope 2		5.98
Scope 3		137.99
Included Sources:		
1	Purchased goods and services	116.19
2	Capital goods	1.42
3	Fuel and energy related activities (not included in scope 1 or scope 2)	1.97
4	Upstream transportation and distribution	0.00
5	Waste generated in operations and water	0.40
6	Business travel	2.17
7	Employee commuting (including working from home)	9.53
8	Upstream leased assets	6.31
9	Downstream transportation and distribution	0.00
10	Processing of sold products	0.00
11	Use of sold products	0.00
12	End of life treatment of sold products	0.00
13	Downstream leased assets	0.00
14	Franchises	0.00
15	Investments	0.00
Total Scope 3 emissions		137.99
Total Emissions		**147.30 tCO2e**

Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

- Medium-term (2030): 50% reduction from the 2024 baseline.
- Long-term (2050): Net zero emissions.

We project that carbon emissions will decrease over the next five years to 73.7 tCO2e by 2030. This is a reduction from the baseline of 50%.

These targets have been set using the principles of the Science based Targets Initiative to keep global warming to 1.5°C and to reach Net Zero by 2045.

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

Carbon Reduction Plan: Projected vs Actual
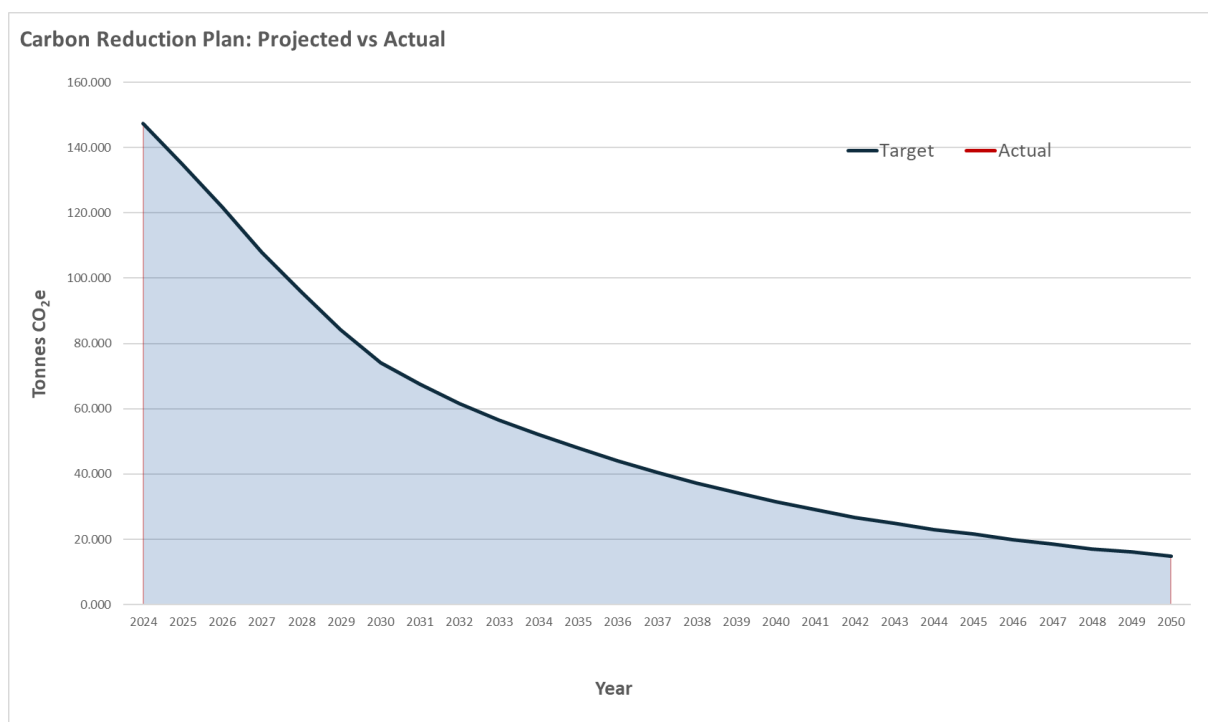
Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since 2020. The carbon emission reduction achieved by these schemes will be reflected in the next evaluation and these measures will be in effect when performing the contract.

1. Energy Efficiency Improvements

- **Working From Home:** Encourage employees to replace all conventional lighting with LED lighting in their homes.

2. Renewable Energy

- **Energy Procurement:** Encourage employees to switch to 100% renewable energy suppliers for electricity.

3. Transportation

- **Employee Commute:** Encourage carpooling, public transport, and cycling. Provide incentives for employees who use sustainable transportation.
- **Business Travel**: Minimize rail and air travel. Use video conferencing tools to reduce the need for travel.

4. Waste Management

- **Recycling Programs:** Implement comprehensive recycling programs across all locations.

5. Sustainable Procurement

- **Supplier Engagement:** Work with suppliers to ensure they follow sustainable practices. Prioritize suppliers with low-carbon credentials.
- **Materials:** Use eco-friendly materials and products wherever possible.
- **High Data websites:** Consider ways to build sites to use less data.

6. Employee Engagement and Training

- **Awareness Programs:** Conduct regular training and awareness programs on sustainability practices.

7. Monitoring and Reporting

- **Carbon Footprint Monitoring:** Implement a system to monitor and report GHG emissions annually.
- **Data Quality:** Improve data gathering to replace estimated data with primary data.
- **Continuous Improvement:** Regularly review and update the Carbon Reduction Plan to ensure alignment with best practices and technological advancements.

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

- Conduct an energy audit to identify areas of waste and implement energy-saving measures (where possible within our co-working environment).
- Continue employee training programmes to ensure staff are taking an active part in carbon reduction.
- Reviewing our CRP annually to track progress and update as necessary, ensuring Etch (UK) Ltd remains on track to meet its carbon reduction goals.
- Consideration may also be given to carbon offsetting in order to balance unavoidable emissions.

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 standard1 and uses the appropriate Government emission conversion factors for greenhouse gas company reporting2.

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) Standard3.

This Carbon Reduction Plan has been reviewed and signed off by the Etch UK board of directors as of 12th December 2024.

Signed on behalf of Etch UK Ltd:

S. Frame

Shelly Frame

Etch Managing Director