

# Carbon Reduction Plan

Supplier name: X.Communications Limited

Publication date: 1<sup>st</sup> December 2023

## Commitment to achieving Net Zero

X. Communications Limited is committed to achieving Net Zero emissions by 2031.

## 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.

Year: 2023	
Additional Details relating to the Baseline Emissions calculations.	
2023 is the second year that X.Communications Ltd has measured its carbon emissions. Part way through 2022 we had moved our electricity contracts to suppliers that used 100% renewable supplies, hence we generated a low amount of CO <sup>2</sup> from this activity. Unfortunately, after the 1 <sup>st</sup> quarter of 2023 we were advised by a suppliers that only 58% of the electricity came from renewable sources. Therefore, although we reduced are energy consumption by 36% by implementing new and more energy efficient hardware, we have had an increase from 3.9 metric tons of CO2e to 13 metric tons. Whilst this is disappointing we have moved electricity contracts again to suppliers that can assure us they only use 100% renewable sources.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	0.00
Scope 2 Electricity usage Office / DC	13.0
Scope 3 Homeworking Commuting to office	0.0 2.9

Emissions by Public Transport	0.3
Emissions by work travel	10.00
<b>Total Emissions</b>	<b>26.2</b>

### Current Emissions Reporting

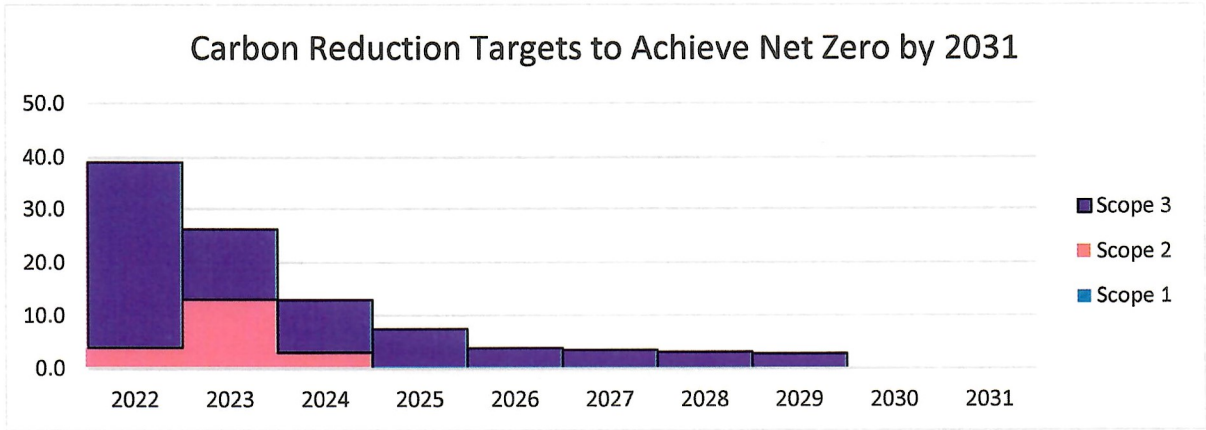
Over all our emissions for 2023 are at 26.2 tCO2e, we had forecasted in 2022 that we would only achieve 31.7 tCO2e by the end of 2023. This has been achieved by reducing the amount of mileage the company as a whole incurs, whilst carrying out its principal activities. Although the set back of our electricity supplies being deemed not from 100% renewable sources we have managed to overcome this through other areas. Also our new electricity suppliers have confirmed that for the majority of 2024 sources of electricity will be mainly form renewable sources. We forecast for 2024 we will incur 3 tCO2e during the year and then by 2025 all contracts will be 100% renewable.

### Emissions reduction targets

In order to meet our obligations to achieve Net Zero, we have adopted the following carbon reduction targets.

We project that carbon emissions will decrease over the next five years to 3.4 tCO2e by 2027. This is a reduction of 91.43% compared to 2022. By 2030 we expect to achieve Net Zero.

Projected targets can be seen below :



### Carbon Reduction Projects

#### Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented within the 2022 baseline. The carbon emission reduction achieved by these schemes

equate to 3.9 tCO<sub>2</sub>e, a 10% reduction against the start of the 2022 baseline and the measures will be in effect when performing the contract.

We have achieved 100% carbon reduction by emissions produced by electricity usage by changing over to a supplier which generates electricity from 100% renewable sources. We also aim to reduce our electricity usage further by updating lighting systems within our offices by PIR sensors.

During the COVID-19 pandemic if engineers had to be present at site under the essential workers guidelines, we implemented a one engineer one vehicle policy. As we are coming out of the COVID-19 pandemic, within 2023 we will look to implement vehicle sharing for our engineers that are required to go to the same site. We estimate we will reduce our carbon emissions by 2.5% within the first year. Also by starting the transition from Diesel/Petrol use vehicles to electric by 2026 we will further reduce emissions by 60%.

Where possible we will encourage employees to commute to work via green alternatives such as walking, cycling and use of public transport. Also we expect employees to start changing private vehicles to electric by 2029.

Where emissions are directly out of the company's immediate control we will look at implementing carbon offset schemes if deemed suitable.

### Declaration and Sign Off

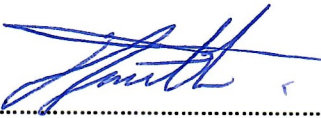
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard<sup>4</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>5</sup>.

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<sup>6</sup>.

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

**Signed on behalf X.Communications:**

  
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Date: 31<sup>st</sup> December 2023

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<sup>4</sup><https://ghgprotocol.org/corporate-standard>

<sup>5</sup><https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

<sup>6</sup><https://ghgprotocol.org/standards/scope-3-standard>