

# Carbon Reduction Plan

Supplier name: Accora Ltd

Publication date: 23rd September 2024

## Commitment to achieving Net Zero

Accora is committed 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.

<b>Baseline Year: 2022</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
Accora's Baseline emissions was reported on by the Company Carbon Footprint LTD. The Assessment period was 1st January 2022 – 31st January 2022.	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	<b>257.77</b>
<b>Scope 2</b>	<b>21.36</b>
<b>Scope 3 (Included Sources)</b>	<b>1,690.64</b>
<b>Total Emissions</b>	<b>1,969.76</b>

## Current Emissions Reporting

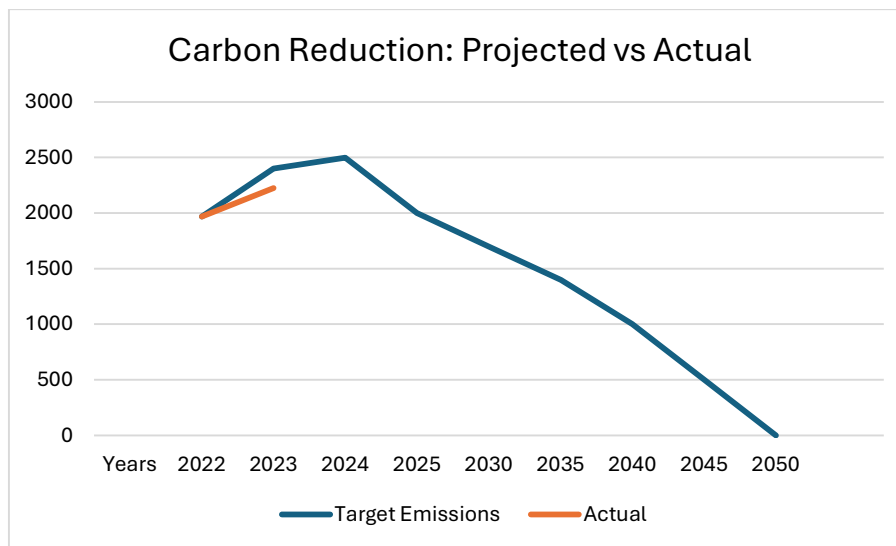
Reporting Year: 2023	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	291.33
Scope 2	24.13
Scope 3 (Included Sources)	1,910.42
<b>Total Emissions</b>	<b>2,225.88</b>

## Emissions reduction targets

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

We project that carbon emissions will decrease over the next five years to 2,003.29 tCO<sub>2</sub>e by 2029. This is a reduction of 10%.

Progress against these targets can be seen in the graph below – as our revenue is projected to increase significantly, with more units being sold, this will mean it will become more challenging to reduce the carbon emissions numbers. However, as you will see below in our plans, we have initiatives to reduce carbon emissions over the next 25 years.



## Carbon Reduction Projects

The following environmental management measures and projects have been completed or implemented since the 2022 baseline. The carbon emission reduction achieved by these schemes equate to 351 tCO<sub>2</sub>e, a 15% reduction against the 2022 baseline and the measures will be in effect when performing the contract

Accora are committed to reducing carbon as part of our Environmental measures. Some of our completed carbon reduction projects are below.

Accora have designed a new bed, which is a lighter version of one of their previous beds. Accora adopted a more efficient design, which meant that the bed used less steel without compromising structural integrity of durability. This reduction in material usage translated to a lower environmental impact, particularly in terms of CO<sub>2</sub> emissions.

The new bed uses around 57kg of steel, compared to our standard bed which required approximately 100kg of steel. Based on the sales projections, Accora believes the new bed would result in annual savings of approximately 82,517kg of steel. This reduction in steel usage is equivalent to a significant decrease of 226,921kg of CO<sub>2</sub>e emissions per year. Extrapolated over a five-year period, this would result in a cumulative savings of over 1,000,000 kg.

Accora also has undertaken a project to improve container consolidation and logistical improvements to improve environmental targets. Accora have started moving road shipments from Europe to sea shipments, as there were significant amounts of CO<sub>2</sub> to be saved. Per journey, we were saving around 7 tonnes of carbon. Accora have also opened up 4 supply chains in Europe compared to the far east, so that we reduce the need for long-haul logistic arrangements.

A few other projects Accora have currently undertaken are below:

Accora track fuel usage in view of setting targets to reduce mileage travelled and therefore reduce carbon emissions. We maximise the efficiency of our vehicles through regular maintenance, appropriate selection of vehicles/engine size and driver training. Vehicles should be driven with fuel efficiency in mind. We also encourage staff to share cars, cycle to work or use public transport if they can.

Accora refurbished their head office and warehouse a few years ago, and has been designed to use air, water and other resources efficiently and therefore reduce our carbon emissions. All lighting is LED and operates on movement sensors, and we have replaced insulation, windows and air conditioning units to ensure we use resources efficiently and do not overuse carbon.

Accora also have undertaken an exercise to reduce the amount of carbon used in our deliveries – we are undertaking nationwide deliveries using a pallet delivery network to maximise efficiency, minimise long-distance travel and excessive fuel emissions via economies of scale.

Accora have also been awarded the certification of 14001, which sets out the requirements for an environmental management system. This further helps us evaluate and set environmental targets.

## Future targets

Accora hope to implement further measures to reduce carbon such as utilising our EU supply chains more, to make sure that we are saving carbon on long-haul logistics.

Accora also is looking into the feasibility of implementing electric vehicles in the fleet.

Accora is researching into the feasibility of implementing solar panels on the head office building, to further offset our environmental impact and decrease our carbon footprint.

Accora is also developing new products with environmental targets in mind, and we are aiming to reduce the amount of heavy CO2 material we use such as steel, and increase our renewable materials such as wood etc.

## Declaration and Sign Off

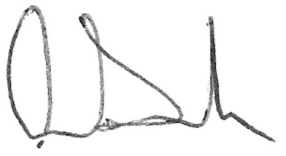
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

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>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</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>3</sup>.

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:

A handwritten signature in black ink, appearing to be 'A. Smith', written over a horizontal line.

Date: 23 September 2024

---

<sup>1</sup><https://ghgprotocol.org/corporate-standard>

<sup>2</sup><https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

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