



Crown Carbon Reduction Plan

Supplier name: Crown Worldwide Ltd (Division: Crown World Mobility)

Publication date: 07/02/22

Commitment to achieving Net Zero

Crown Worldwide Ltd is committed to achieving Net Zero Scope 1 and 2 emissions by 2040 at the latest.

We are currently developing a roadmap for our Scope 3 emissions. As a minimum, we commit to reach net zero for our entire Scope 3 footprint by 2050 and will seek to bring this date forwards. We will be releasing more comprehensive information at the end of 2022.

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: 2019	
Additional Details relating to the Baseline Emissions calculations.	
<p>There have been no significant operational changes or restructuring since 2019, and emissions can therefore be compared on a 'like-for-like' basis.</p> <p>All Crown brands in the UK and Ireland are included in this figure, including Crown World Mobility, Crown Records Management, Crown Fine Art and Crown Workspace.</p> <p>Scope 3 emissions were not quantified for the baseline year and 2022 will be used as the baseline year for Scope 3. An estimate is however given below.</p>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	1,291
Scope 2	968
Scope 3 (Included Sources)	<p>Not yet fully quantified</p> <p>Estimated at 10 x Scope 1 and 2</p> <p>22,590 (estimate)</p>
Total Emissions	<p>2,259 (Scope 1 and 2 only)</p> <p>24,849 (estimated Scope 1, 2 and 3)</p>

Current Emissions Reporting

Reporting Year: 2020	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	874
Scope 2	790
Scope 3 (Included Sources)	Not yet fully quantified Estimated at 10 x Scope 1 and 2 16,640 (estimate)
Total Emissions	1,664 (scope 1 and 2 only) 18,304 (estimated Scope 1, 2 and 3)

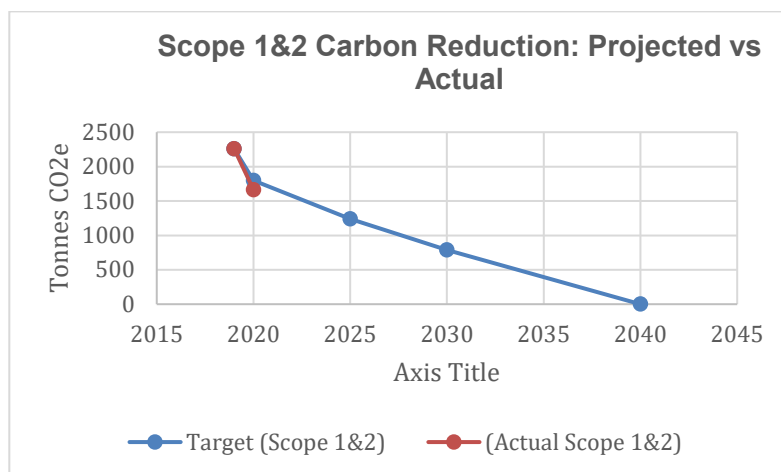
Emissions reduction targets

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

We project that Scope 1 and 2 carbon emissions will decrease over the next five years to 1,242 tCO₂e by 2025. This is a reduction of **45%**

We further project that Scope 1 and 2 carbon emissions will decrease to 790 tCO₂e by 2030. This is a reduction of **65%**

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 **32.6 tCO₂e**, a **1.4%**ge reduction against the 2019 baseline and the measures will be in effect when performing the contract.

However, please note that this is not an exhaustive list of reductions – it only includes those which can be easily quantified. As data for 2020 was skewed by the effects of Covid, a direct comparison with 2019 is not useful and we are awaiting 2021 data to enable meaningful comparisons to be made.

Environmental management measures as follows:

- Replacement of all external lighting with LED lighting and light / motion sensors. This is estimated to save 18 tonnes CO₂e per year.
- Removal of unnecessary lighting from storage areas. This is estimated to save 0.1 tonnes CO₂e per year.
- Housekeeping measures including the clearing of skylights and installation of additional light switches to make it easier to switch lights off. The savings from this are encompassed in the figure of 14.5 tonnes CO₂e below
- Staff engagement and behaviour change at our largest sites, which have led to an estimated 14.5 tonnes CO₂e savings in addition to those above.

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

Scope 1 and 2:

- In 2022 we expect to install solar panels at one of our freehold sites.
- In 2022 we expect to convert our largest freehold site to LEDs, including removal of excess lighting.
- In 2022 we expect to replace a number of diesel trucks with fully electrified trucks.
- By the end of 2023 we will have transitioned all buildings over which we have control of the utilities contract to 100% renewable energy tariff.
- The transition to renewable electricity and the energy saving measures detailed above are expected to reduce our carbon footprint by at least 35% on 2019 levels.

Scope 3:

- In 2022 we are focusing on supply chain emissions and emissions related to staff homeworking, commuting and business travel. We will develop a strategy to include these.

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.

Please note that SECR reporting is not currently applicable to Crown Worldwide Ltd.

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 'CWL', is written on the page.

Date: 8th February 2022

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

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