



## Carbon Reduction Plan

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### 1. Commitments

Ascot Services UK Ltd are committed to achieving **Net Zero** emissions by **2050**.

Ascot Services UK Ltd have set a “**Near Term**” commitment to achieve **28%** reduction in Scope 1 and 2 by **2030**. This has been reviewed and validated by [Science Based Target Initiatives \(SBTi\)](#)

### 2. 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.

- **2019** has been used as a baseline as this was prior to COVID restrictions in 2020/21, which skewed our energy and fuel figures, due to significant reduction in travel and implementation of home working, meaning office buildings were not being used.
- **Scope 1 and 2 emissions** have been previously recorded as a measure to facilitate continual improvement in line with our ISO14001 certification. We will continue to report on these and set targets for reduction.

**3. Current Emissions Reporting (See SBTi tool v1.2.1 for further information).**  
**SBTi Target – Well Below 2 degree C = Near Term Target of 28% by 2030**

Reporting Year:	2019 <i>Baseline</i>	2020 Jan-Dec	2021 Jan-Dec	2022 Jan-Dec	2023 Jan-Dec	2024 Jan-Dec	2025 Jan-Dec	2026 Jan-Dec	2027 Jan-Dec	2028 Jan-Dec	2029 Jan-Dec	2030 Jan-Dec
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<i>Scope 1 (Fuel)</i> <b>TARGET</b>		192	186	180	174	168	163	158	153	148	143	142
<b>Scope 1 (Fuel)</b> <b>ACTUAL</b>	198	146	159	148	157							
<i>Scope 2 (Electricity at Kestrel Hs)</i> <b>TARGET</b>		18	17.5	17	16.5	16	15.5	15	14.5	14	13.5	13
<i>Scope 2 (Electricity at Kestrel Hs)</i> <b>ACTUAL</b>	19.31	14	10	2.24	8.13							
<b>Total Emissions - TARGET</b>	217	210	204	198	192	186	180	175	170	165	160	156
<b>Total Emissions - ACTUAL</b>	217	160	169	150.24	165.13							
<b>Percentage Reduction TARGET</b>		3%	6%	8%	11%	13%	16%	18%	21%	23%	26%	TOTAL 28%
<b>Percentage Reduction from Baseline ACTUAL</b>		26% decrease	22% decrease	31% decrease	24% decrease							

#### 4. Emissions reduction targets

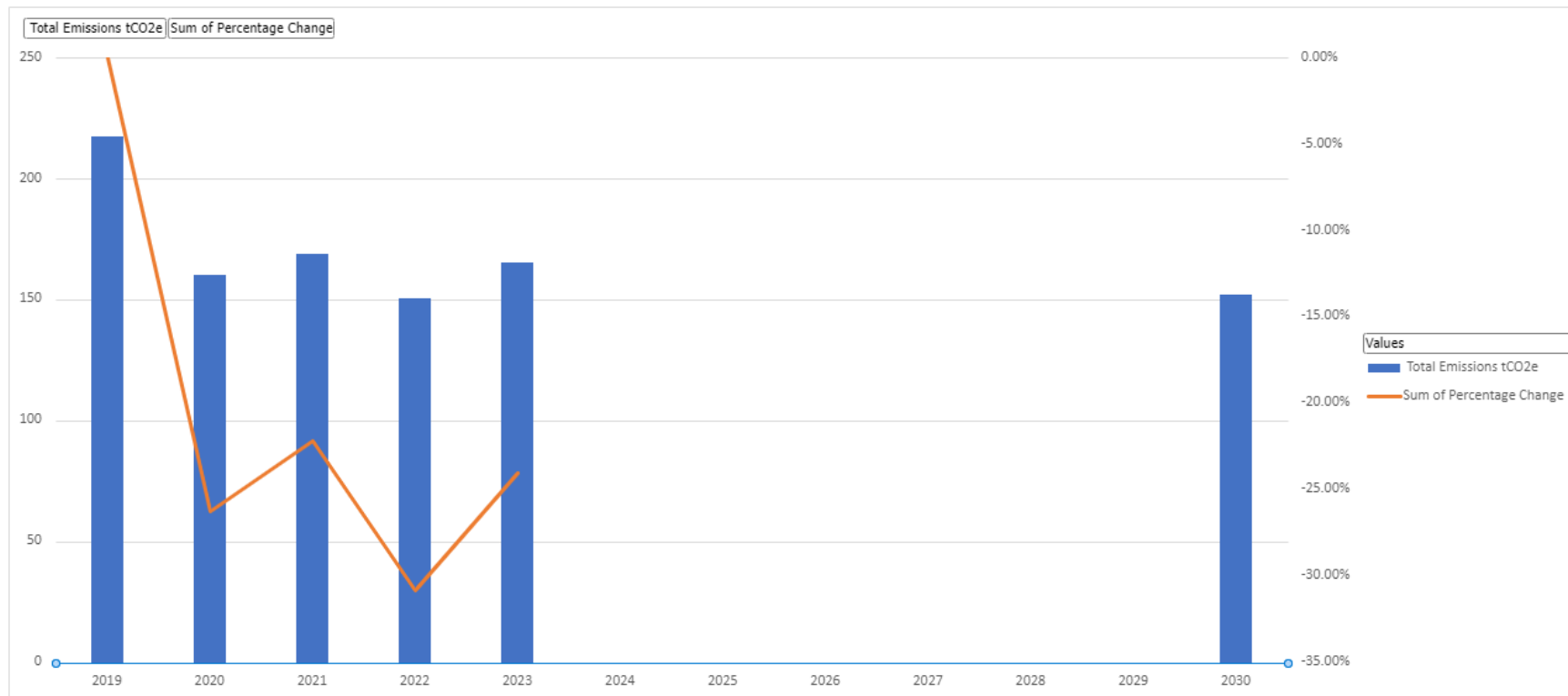
To continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

We are committed to reduce our GHG emissions, as a near term target, 28% by 2030, in order to achieve our Well Below 2 degree C SBTi validated target.

As our baseline Scope 1 & 2 emissions is 217 tCO<sub>2</sub>e (2019), we will need to reduce to 156 tCO<sub>2</sub>e by 2030. This will be a reduction of 28% which can be achieved by reducing emissions by 3% each year.

#### 5. Progress against these targets can be seen in the table and graph below:

Reporting Year:	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Total Emissions tCO <sub>2</sub> e	217.22	160.23	169.06	150.24	165.13							152.05
Percentage Change	0	-26%	-22%	-31%	-24%							-30%



## 6. Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed/implemented since the 2019 baseline or are proposed future carbon reduction projects. The carbon emission reduction achieved by these schemes equate to 60.82 tCO<sub>2</sub>e, a 28% reduction against the 2019 baseline;

- Certified to ISO14001 since 2015, to improve our Environmental Management System. This requires that we set Objectives and Targets and measure our Significant Impacts. SBTi targets added to Objectives & Targets Programme from 2021
- Purchase of Plug in Hybrid Company cars for all Management Personnel throughout 2020/2022
- Purchase of Office 365 including Teams to enable online communication and therefore reduce travel 2020/2021
- Purchase of Hololens to enable remote auditing 2021
- Signed up to SBTi May 2022, with a target of 28% emissions reduction by 2030. Targets validated and published on SBTi “Company’s taking Action” page.
- EV Charging points to be installed at Office premises by end 2023 – **completed March/April 2023.**

### Proposed Carbon Reduction Initiatives

Proposed future carbon reduction initiatives are discussed at Board level. Some likely/proposed projects are;

- Management Personnel company Cars from Plug in Hybrid to Full Electric (Current Leases end from 2025)
- Engineer company vans from petrol to hybrid (for high travel engineers) or full electric (for local engineers) (Current Vans due for replacement 2027)
  - May 2023 update** - 2 new vans purchased and delivered in April 2023. These are Vauxhall combo cargos (Petrol) which emit Co2 of 148g/km. We have 3 further vans on order which are expected in June/July 2023. The market’s progress towards commercially viable electric vans and the infrastructure, needed to make them a suitable option for our high travel business, is still slow but we continue to carry out cost and suitability comparisons when purchasing new vans.
  - March 2024 update** – Senior Management sign off to purchase 2 x electric vans for engineers based local to their site – proposed purchase by end of 2024
- Solar Panel install on Head Office Building by 2030
- Reduced staff working from office from 21/22
  - May 2023 update** - Following review we made the decision to return a large number of staff to our office. Some are “blended” and work part time in the office and part time from home and others are fully office based. We felt this was better for team collaboration, training and integration of new staff and generally better for morale. We have a number of new systems in place and heating/cooling is fully automated.
- Labour Scheduling improvements to reduce engineer travel
  - May 2023 update** - We have carried out a heat mapping exercise to ensure we have coverage data in all required areas, whether this is our in-house labour or specialist subcontractors and can easily identify any gaps. Our Labour Schedule has been updated and completed for the whole year with PPM tasks to ensure these are planned in and aligned with relevant engineers locations, in order to reduce travel. Engineering update at Board meeting in May 2023 – feedback from engineers on the changes is positive.

- Use Energy providers who utilises sustainable energy. Ascot use EDF, who state on their website: “We're Britain's biggest generator of zero carbon electricity, generating zero carbon electricity from wind + nuclear + solar.” Our Energy Manager is also looking to contact our provider to install smart metering in order to obtain half hourly data and monitor consumption on a more detailed level.

**March 2024 update** - Board Decision to look to install of our own BMS System. Costs obtained and proposal reviewed. Proposed install by 2030

## 7. Declaration and Sign Off

This Carbon Reduction Plan has been reviewed and authorised by the Board

Signed on behalf of Ascot Services UK Ltd: *A. Ashurst*

Original Date: 31<sup>st</sup> May 2022

*Updates added: 26<sup>th</sup> May 2023 (2022 figures calculated and added)*

*Updates added: 15<sup>th</sup> March 2024 (2023 figures calculated and added)*