

# CARBON REDUCTION PLAN

## Commitment to Net Zero

Seddon Construction Ltd is committed to achieving Net Zero by 2030.

### 1. Baseline Emission

Seddon Construction Ltd is committed to achieving Net Zero by 2030.



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: 2020	
Additional Details relating to the Baseline Emissions calculations.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	2192.9
Scope 2	584.6
Scope 3	Scope 3 emissions were not reported during Baseline year. Scope 3 is currently being calculated with historical data.
Total emissions (exclusive of Scope 3)	2777.5

### 2. Emissions reduction targets



In order to progress to achieve Net Zero, we have adopted the following carbon reduction targets:

The company will reduce Scope 1 and 2 emissions – those directly and indirectly related to its operations – by 30% by 2025 and by 60% by 2030, based on a 2020 baseline. We will identify operational Scope 3 emissions in partnership with our supply chain by 2022 setting a stretching target to impact on this. By 2030 any remaining emissions will be offset in the UK.

### 3. Carbon Reduction Projects

**i** Seddon's possess the following environmental management certifications and have undertaken several carbon reduction/sustainability projects.

- Solar PV installed on Bolton office
- Accredited to the ISO14001 certification
- Site cabins have had PIR detectors installed to reduce lighting use.
- Introduced both electric and plug in hybrids to our fleet.
  - We have had EV charging points installed at the office for over 3 years.
- Offer our clients sustainable waste recycling solutions through our own waste management company, Circle, where 100% of all waste is diverted from landfill.
- At a project level where we have influence at the early design stages, we will consider the status of the current proposals and suggest a number of methods of reducing carbon in use and to mitigate against the effect of climate change such as:
  - Use of offsite fabrication, partnering with a modular contractor
  - Use of timber frame on all our housing projects to reduce embodied carbon – all our standard house types use this
  - Use of teams meetings to reduce need to meet on site.
  - Make provision for future car charging points
  - Review design to avoid high thermal gain
  - Use high mass construction (such as concrete/ blockwork) and phase change materials to reduce the need for cooling.
  - Improved air tightness and consideration of Passivhaus design
  - Ensure roof capable for later Photovoltaics addition
  - Design draining systems to cater for increased rainfall and storm frequency/ severity as well as sustainable drainage features

### 4. Future Carbon Reduction Projects

**i** Seddon have been working alongside Climate Change Professionals Ltd to assess the feasibility of implementing several carbon reduction initiatives. When implemented, the following measures will reduce our carbon emissions, allowing us to progress towards our 2030 100% Net Zero target.

In the future we plan to implement the following measures:

- Completely removing gas from all Group owned office premises during the scheduled refurbishment in 2022
- Adaptions made to the company car policy to incentivise staff to prioritise low emission alternatives, such as Electric Vehicles.
- Switch to a 100% green energy provider when current contracts are terminated
  - Develop an 100% green approved energy supplier list
- Prioritise low energy alternatives when selecting site cabins
- Engage with supply chain to communicate Net Zero targets and share best practice.
- Develop a plan to tackle Scope 3 emissions
  - Select several categories to focus on, on an annual basis
- Explore opportunities to lower carbon emissions in the design stage of projects through assessing embodied, associated and end of life carbon impacts.

- Commit to reducing emissions of all freehold office sites through the implementation of green technologies and behavioural change through training schemes
  - Appraisal undertaken for investing in a solar farm
  - Appraisal undertaken for a wind turbine to generate energy for Bolton office.

## 5. Declaration and Sign Off

**i** 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 and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions will be reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard (when applicable).

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:

Signature:	
Date:	