

# BARRETT STEEL DELIVERING NET ZERO CARBON BY 2035



**2021 Carbon Footprint**  
7757 Tonnes

**2022**  
6539 Tonnes

**2023**  
6421 Tonnes

## Current State January 2024

**Energy Sourced (Electricity):**

From **100%** Renewable Sources

**Company Cars:**

Total cars **171** • EV 40 **23%** • Hybrid 102 **60%**  
• Diesel 29 **17%**

**Delivery Fleet:**

Euro V **2.7%** VI **97.3%**

**Electric Vehicle (EV) Chargers:**

Sites with EV Charge Points **100%**

**LED Installations:**

Offices **100%**, Warehouse **93%**, External **100%**

**MHE Fleet (Side-loaders, FLT's etc):**

**61%** Electric / Battery Powered **39%** Gas / Diesel Powered

**Suppliers:**

Over **60%** of material sourced from suppliers committed to Net Zero Carbon by 2050

**2022**

ACHIEVED ✓

SteelZero: Membership  
LED: Offices 90%,  
External 90%  
EV Chargers: 75%

**2024/5**

LED: Warehouse 100%  
EV MHE Fleet: 50%  
Fleet: Euro VI 100%

**2023**

ACHIEVED ✓

LED: Offices 100%, External 100%,  
Warehouse 93%  
Fleet: Euro V 2.7%, Euro VI 97.3%  
EV Chargers: 100%

**2026/27**

Company Cars: 100% Hybrid or Electric  
EV MHE Fleet: 75%  
HVAC: 100% Avoiding Single Use Plastic

**2028/29**

EV MHE Fleet: 90%  
Suppliers: NZCR 75%  
Suppliers: 100% NZCR

**2030**

EV MHE Fleet: 100%  
Suppliers: 100% NZCR

## Barrett Steel Roadmap Explained

Barrett Steel, committed to a greener steel future, embarked on its sustainability journey in 2010 - well ahead of the UK Government's net zero target for 2050 announced in 2019. Our pledge involves key actions such as installing solar energy across numerous operational locations, extensive investment in Euro VI vehicles, and a Hybrid or Electric Company Car policy that has seen the installation of chargers across all our UK locations.

By embracing technologies like electric SLs & FLT's alongside intelligent LED lighting systems across our internal offices, warehouses and external storage areas, we're actively reducing our carbon footprint. Our drive for change extends beyond just behavioural changes, our compliance with relevant legislation, and the launch in 2023 of Barrett Green Solutions (our new brand focusing on embodied carbon reporting in the construction sector) offers real hope for a sustainable tomorrow.

**Net Zero Carbon  
by 2035**



**Barrett Steel: Making Steel Stockholding, Processing & Distribution Greener.**

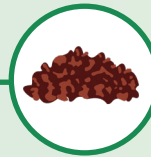
# FROM ROCK TO STOCK TO RECYCLE

## STEEL LIFECYCLE AND CIRCULAR ECONOMY



### Raw Material

At Barrett Steel, we monitor and restrict country of melt and pour in addition to restricting country of origin for finished material



### Recycling or Disposal

- Off cut utilisation
- Metal waste and swarf recycling to limit environmental impact



### Steel Processing

- Parent length optimisation for cutting
- Controls on off cut parameters
- Efficient and modern processing equipment minimising energy usage
- Internal on/off policies on machinery



### Steel Production

At Barrett Steel, our material is ordered to our own stringent in house specifications and sourced from preapproved audited suppliers, utilising framework standard BES6001 for responsible sourcing and where possible, we limit to those who have committed to SBTi of Responsible Steel.



**100%  
Recyclable**

### Use

In partnership with the full supply chain, we support continuous improvement in the reduction of the embodied carbon of our diverse range of steel products, while maintaining fast access to materials through our Whole of Market offering.



### Distribution

- In-House fleet use Euro V & VI Engines - with the 6 remaining Euro V vehicles due for replacement by Q2 2024
- Proactive maintenance and servicing
- AI driven telematics system
- Optimised route planning
- Reuse of timber bearers and pallets
- Minimal packaging

## Headline KPI's and Objectives



**Reduce CO2 Emissions** - reduce where possible across the business, report on NZC Roadmap & Strategy to maintain compliance with SECR and ESOS

**Smart Meters** - monitoring of utilities usage across the business

Aim for **Zero Environmental Pollution incidents**

**Waste** - Carbon generation

Our **Barrett Green Solutions** Initiative not only allows us to report on the carbon footprint of each item supplied but even allows us to predict project embodied carbon at enquiry stage, offering solutions to minimise the project carbon footprint.

Continue to work towards **compliance with TCFD requirements**

## Improvements in the utilisation of the commercial fleet and company cars



**100% of the commercial fleet to be Euro V or VI compliant by 2024**

Replacement for **FLT and SL fleet with electric "green" models** across the business

**New AI driven telematics system being implemented** to help improve MPG by reducing: Idling, Harsh braking or accelerating, Over speeding

**Efficient load planning systems**

**Optimum driving skills training to aid with fuel economy**

**100% Hybrid/Electric company vehicles from 2026/27**

**Fuel** - Reviewing HVO fuel benefits v's diesel – trial expected Q3 2024

**Working with key suppliers to identify appropriate heavy goods electric vehicle opportunities**