

Net zero route map

In support of our science-based and net zero carbon targets, we have developed our first net zero route map.

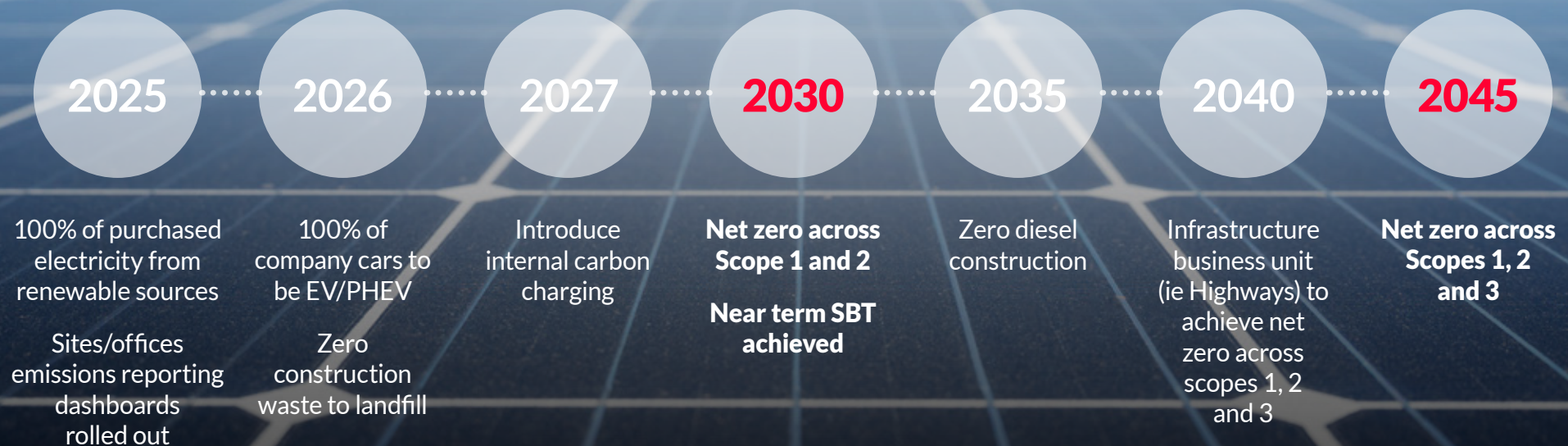
The route map identifies 16 activities where action is required in order to achieve our emission reduction targets, including the use of diesel, company vehicles, site compounds, construction materials, emissions measurement, internal carbon charging and offsetting.

For each activity, the route map outlines our ultimate ambition and key milestone targets we have set.

The route map is intended to be a guide for our teams across the business to understand the priority areas where action is required.

It also is a means of communicating to our clients, supply chain and other stakeholders the journey we collectively are on and the role we need them to play.

Key milestones



Net zero route map

Net zero targets

Scope 1 and 2

Net zero by 2030

42% reduction by 2030 from a 2021 base year (SBTi)

Scope 3

Net zero by 2045

Net zero by 2040 (Infrastructure business unit - ie Highways)

42% reduction by 2030 from a 2021 base year (SBTi)

Enabling activities

Activity

Diesel

Company cars

Commercial vehicles

Electricity procurement

Temporary cabins

Permanent offices

Embodied carbon measurement

Concrete

Steel

Waste

Water

Business travel

Measurement and monitoring

Offsetting

Internal carbon charging

Upskilling

Ambition

Phase out diesel usage in all operations.

All company cars to be EV/PHEV.

Transition away from fossil fuels.

All purchased electricity to be from renewable sources.

Use most energy efficient site accommodation available; show yearly improvement.

Target high performance, energy efficient permanent offices.

Accurately model embodied carbon at all stages (actual material amounts/emissions factors).

All concrete products to align with concrete industry best practice.

Align all steel products to the steel industry's science-based decarbonisation trajectory.

Improve material use to minimise on-site waste, increase reuse and recycling.

Minimise potable water consumption.

Optimise employee business travel.

Standardise monthly reporting across all sites and offices for performance monitoring².

Use only high-quality, removals-based carbon offset to achieve net zero.

Use internal carbon pricing to incentivise carbon reduction.

Develop/maintain skills across GT/supply chain to design and deliver low carbon construction.

Milestone targets¹

65% reduction in diesel use by 2030 (2021 baseline) and zero diesel construction by 2035.

100% EV/PHEV by 2026.

Commercial vehicle strategy to be developed FY24/25³.

100% of purchased electricity from renewable sources by 2025.

100% of projects cabins procured through group suppliers by 2025.

Baseline and targets to be developed by 2026³.

Adopt minimum reporting requirements across all construction sectors FY24/25³.

Use only concrete with E average intensity rating (60-80 %ile industry average) by 2030.

Steel used has an average rating of D (<930kgCO₂e/tonne) by 2030.

0% construction waste to landfill by 2026.

Baseline and targets to be developed by 2026³.

Group Green Travel Plan to be developed FY24/25³.

100% sites and offices to be submitting data for site carbon emissions by 2025.

Offsetting strategy to be developed FY25/26³.

In place by 2027 (for Scope 1 & 2).

Internal role-specific carbon training to commence roll-out by end of 2024.

1 - Specific milestones are in calendar year to align with GHG reporting, development of further strategy to financial year business cycle.

2 - To include waste, electricity, fuel, water, commuting and delivery mileage.

3 - Further research/data gathering/development required to set more detailed milestone.