



Cabinet Office

CARBON REDUCTION PLAN GUIDANCE

Notes for Completion

Where an In-Scope Organisation has determined that the measure applies to the procurement, suppliers wishing to bid for that contract are required at the selection stage to submit a Carbon Reduction Plan which details their organisational carbon footprint and confirms their commitment to achieving Net Zero by 2050.

Carbon Reduction Plans are to be completed by the bidding supplier entity and must meet the reporting requirements set out in supporting guidance and include the supplier's current carbon footprint and its commitment to reducing emissions to achieve Net Zero emissions by 2050.

The Carbon Reduction Plan should be updated regularly (at least annually) and published and clearly signposted on the supplier's UK website. It should be approved by a director (or equivalent senior leadership) within the supplier's organisation to demonstrate a clear commitment to emissions reduction at the highest level. Suppliers may wish to adopt the key objectives of the Carbon Reduction Plan within their strategic plans.

A template for the Carbon Reduction Plan is set out below. Please complete and publish your Carbon Reduction Plan in accordance with the reporting standard published alongside this PPN.

Carbon Reduction Plan Template

Supplier name: Story Contracting Ltd

Publication date: 30th September 2021; updated November 2022

Commitment to achieving Net Zero

Story Contracting Ltd is committed to achieving Net Zero emissions by 2050.

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: 2019/20	
Additional Details relating to the Baseline Emissions calculations.	
<i>The year 2019/20 was used as the baseline for our first SECR report and our reported Scope 1 & 2 carbon emissions data. At that time an estimate of Scope 3 emissions was made (limited to Scope 3 Category 1), on the basis that this was likely to change considerably as we gathered more data and information to develop our Carbon Reduction Strategy and associated Scope 1, 2 and 3 Route Maps (with emissions reduction targets and key milestones). N.B. Since first publishing this CRP, we now have validated Scope 1, 2 and 3 Science-Based Targets in place, and have gathered more robust data, setting our baseline year for Scope 3 as 2020/21.</i>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	7,105.6 tonnes CO₂e
Scope 2	267.6 tonnes CO₂e
Scope 3 (Included Sources)	<i>Partial Scope 3, Category 1 carbon emissions were reported for 2019/20 based on aggregates usage only. This figure was subsequently refined and expanded to include the carbon impact of our top purchased materials. Scope 3, Categories 4, 5, 6, 7 were not assessed for our 2019/20 baseline year (but have now been included for FY2021/22).</i>
Total Emissions	7,373.2 tonnes CO₂e

Current Emissions Reporting

Reporting Year: 2021/22		
EMISSIONS	TOTAL (tCO ₂ e)	
Scope 1	7,476.45	
Scope 2	340.45	
Scope 3 (Included Sources)	<i>Category</i>	<i>tCO₂e</i>
	Category 1: Purchased Goods & Services	6,662.83
	Category 2: Capital Goods	833.86
	Category 3: Fuel & Energy, excluded from S1 & S2	1,788.77
	Category 4: Upstream Transportation & Distribution	2,504.21
	Category 5: Waste Generated in Operations	117.80
	Category 6: Business Travel	21.70
	Category 7: Employee Commuting	462.64
	Category 12: End-of-life treatment of sold products	22.82
	Category 13: Downstream Leased Assets	414.23
	Total Scope 3	12,828.86
Total Emissions Scope 1+2+3	20,638.77	

Commentary on FY21/22 emissions data: Following our Science-Based Targets exercise in 2021/22, the number of Scope 3 categories reported has increased, accounting for the increase in Total Scope 3 figure when compared to that of FY 2019/20.

Emissions reduction targets

If existing emissions reduction targets are in place for your organisation, please provide details below.

In March 2021, Story Contracting Ltd submitted a formal letter of Commitment to the Science Based Targets initiative, with a Business Ambition of keeping global warming to less than 1.5°C. We have now set carbon reduction targets for our Scope 1, 2 and 3 emissions, which were validated by the SBTi in July 2022 and published on their website in August 2022.

These targets are shown below.

STORY SBT Summary

Our certificate is available on the [intranet](#) Our official targets have also been published on the [SBTi website](#)

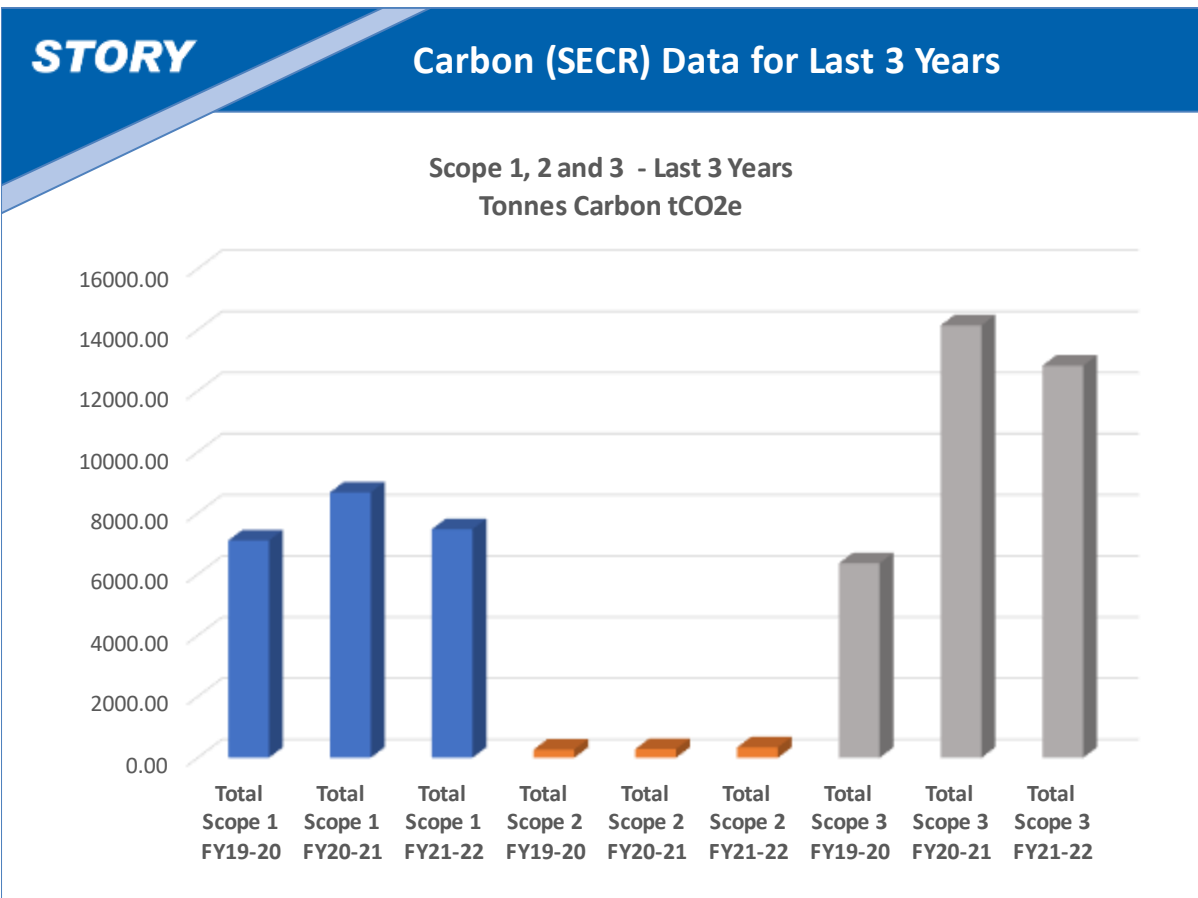
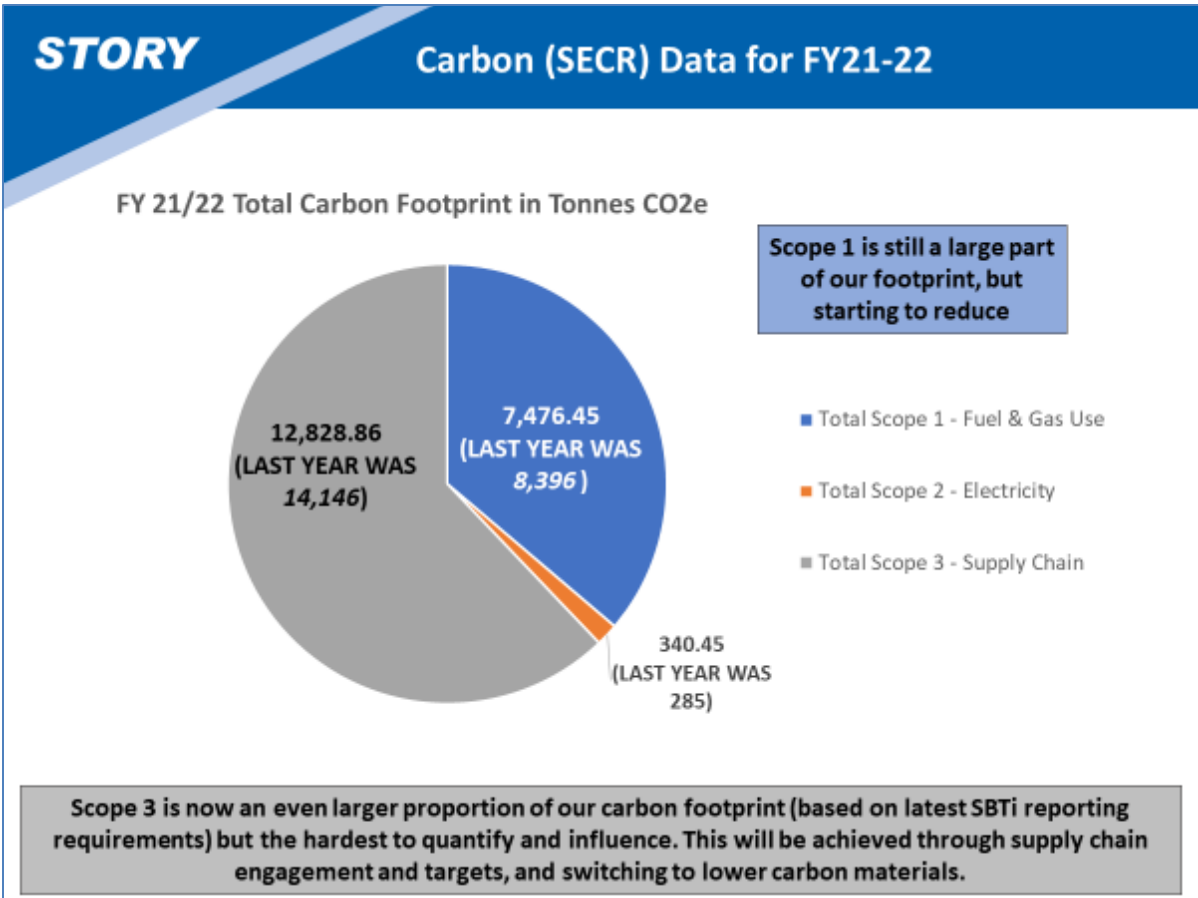
Our Science Based Targets (SBTs) were approved and published by the SBTi in July/August 2022, in line with our Business Ambition for 1.5°C. These are as follows:

- Scope 1 Target Fuel & Gas Use - 46% by 2030**
Story Contracting Ltd commits to reduce absolute Scope 1 and 2 GHG emissions by 46.2% by FY2030 from a FY2020 base year.
- Scope 2 Target Purchased Electricity - 46% by 2030**
Story Contracting Ltd also commits to increase annual sourcing of renewable electricity from 12% in FY2020 to 100% by FY2025.
- Scope 3 Target Supply Chain Impacts - 25% by 2030**
Story Contracting Ltd further commits to reduce absolute Scope 3 GHG emissions 25% by FY2030 from a FY2021 base year.
Story Contracting Ltd finally commits that 30% of its suppliers by emissions, covering purchased goods and services and waste generated in operations, will have set science-based targets by 2025.

Approved science-based target
The Science Based Targets initiative has validated that the science emissions performance reduction targets submitted by Story Contracting Ltd have been identified to be in compliance with the SBTi Criteria and Recommendations (Version 4.1). The SBTi Target Validation Team has validated that Story Contracting Ltd has a clear ambition and has demonstrated that it is in line with a 1.5°C trajectory.
The official target wording is:
Story Contracting Ltd commits to reduce absolute Scope 1 and 2 GHG emissions by 46.2% by FY2030 from a FY2020 base year. Story Contracting Ltd also commits to increase annual sourcing of renewable electricity from 12% in FY2020 to 100% by FY2025. Story Contracting Ltd further commits to reduce absolute Scope 3 GHG emissions 25% by FY2030 from a FY2021 base year. Story Contracting Ltd finally commits that 30% of its suppliers by emissions covering purchased goods and services and waste generated in operations, will have set science-based targets by 2025.
Date of issue: Jul 2022
Certificate Number: 0726-104-100-001
SBTi logo and other logos at the bottom.

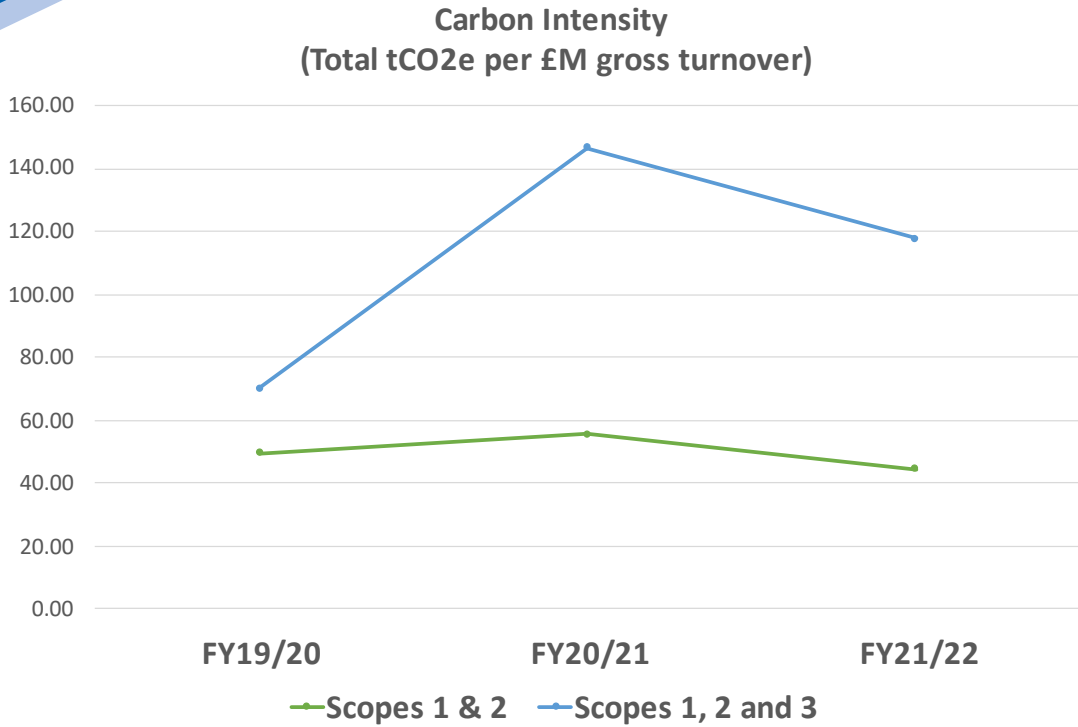
We project that Scope 1 & 2 carbon emissions will decrease over the next five years to 5,887 tCO₂e by end FY 2025/26. This is a reduction of 21%.

Progress against our targets, based on FY2021/22 data, can be seen in the charts and graphs below:



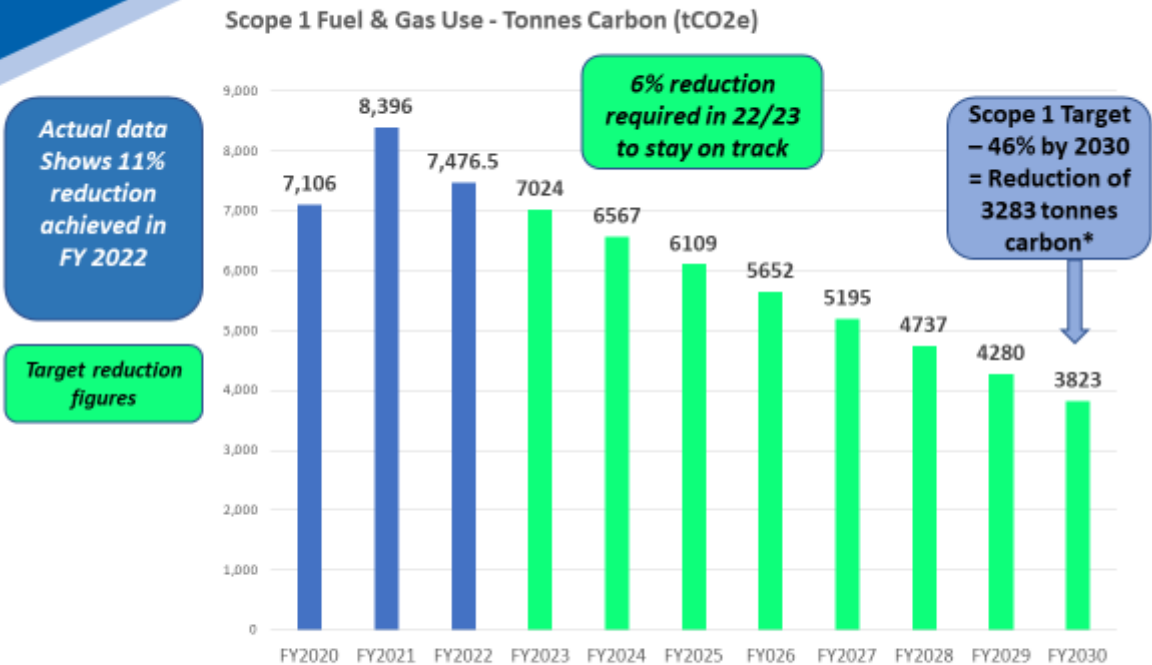
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Carbon Intensity Data – 3 Year Trend

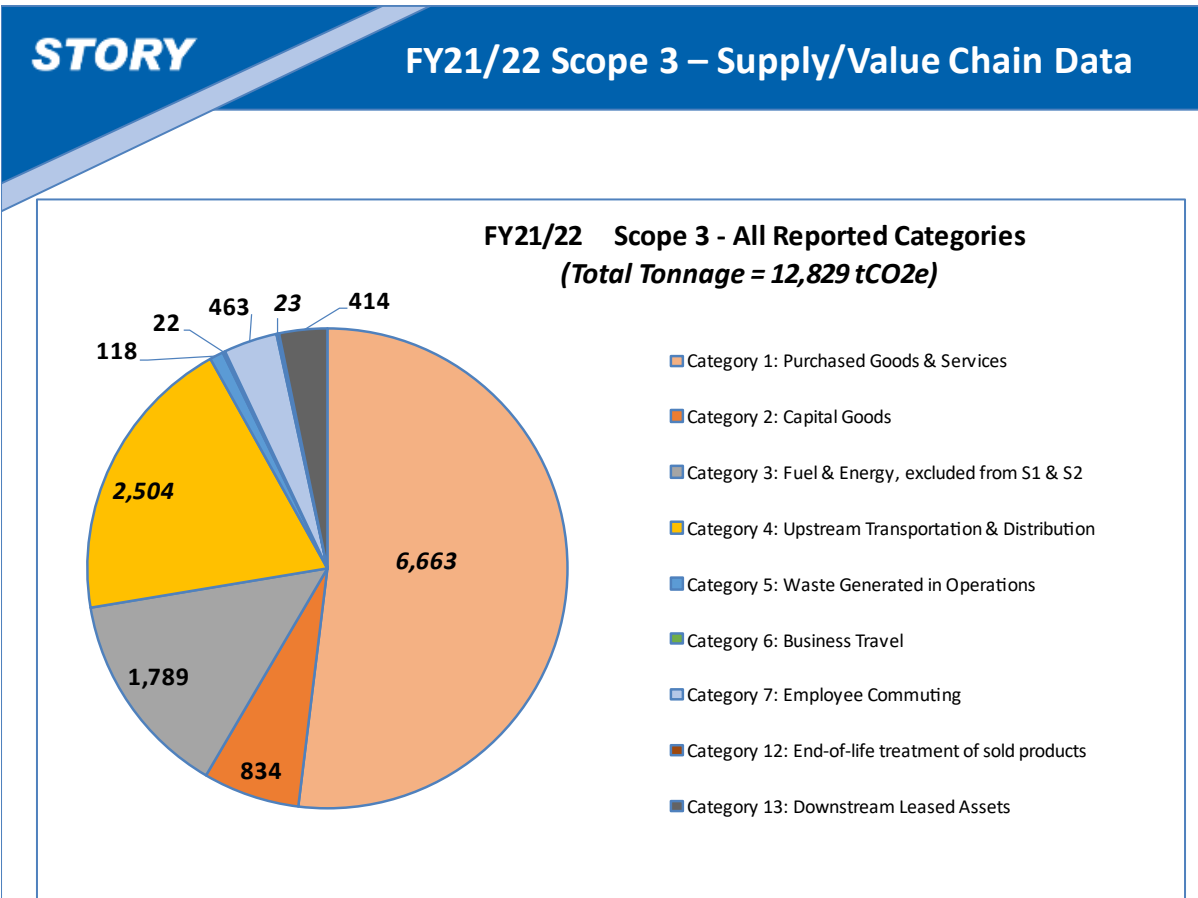
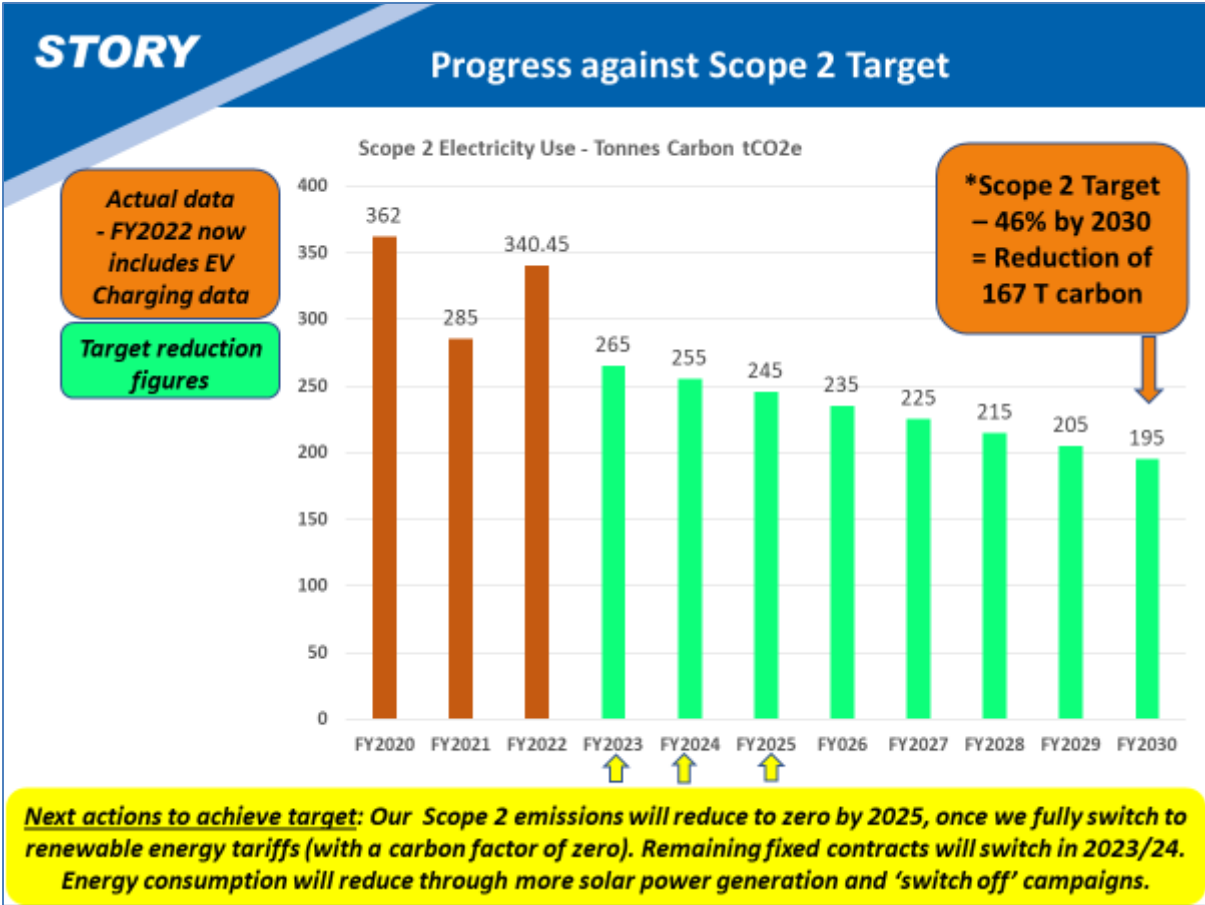


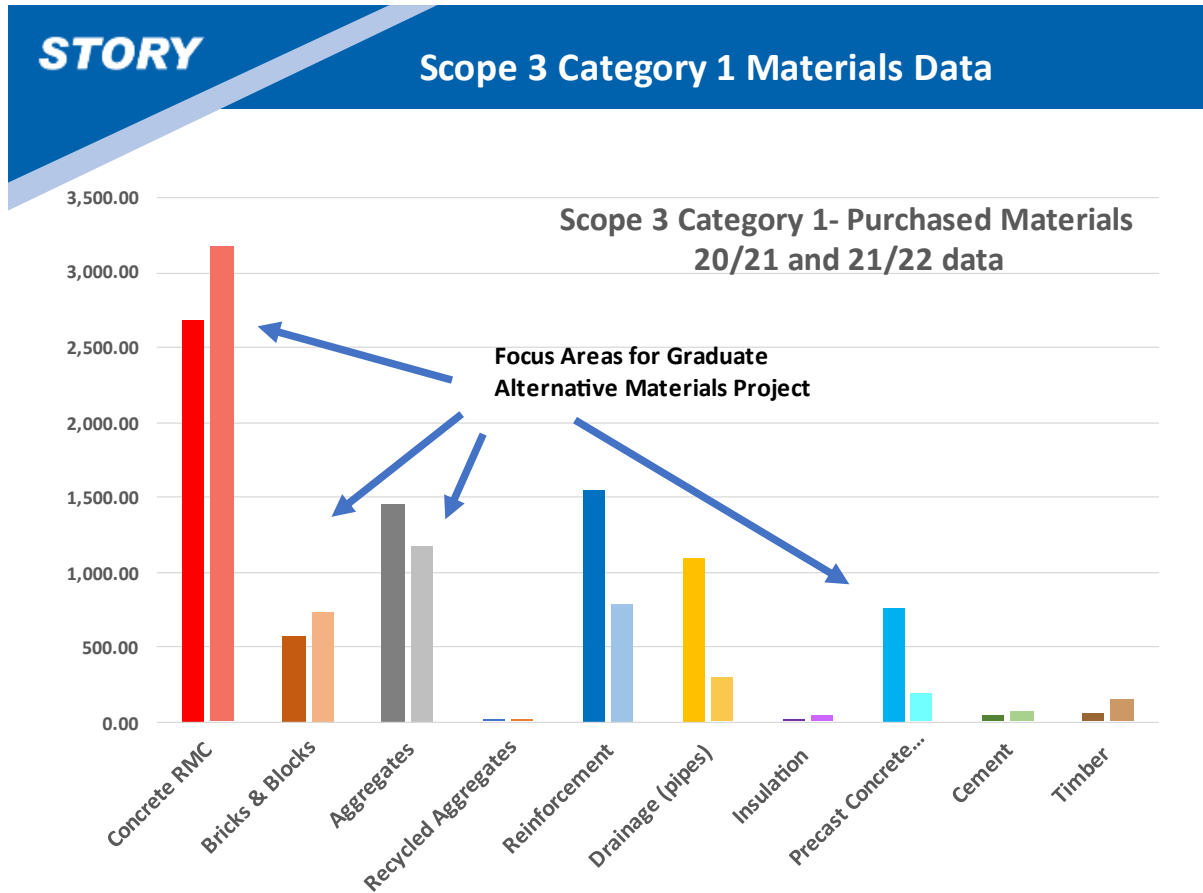
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Progress against Scope 1 Target



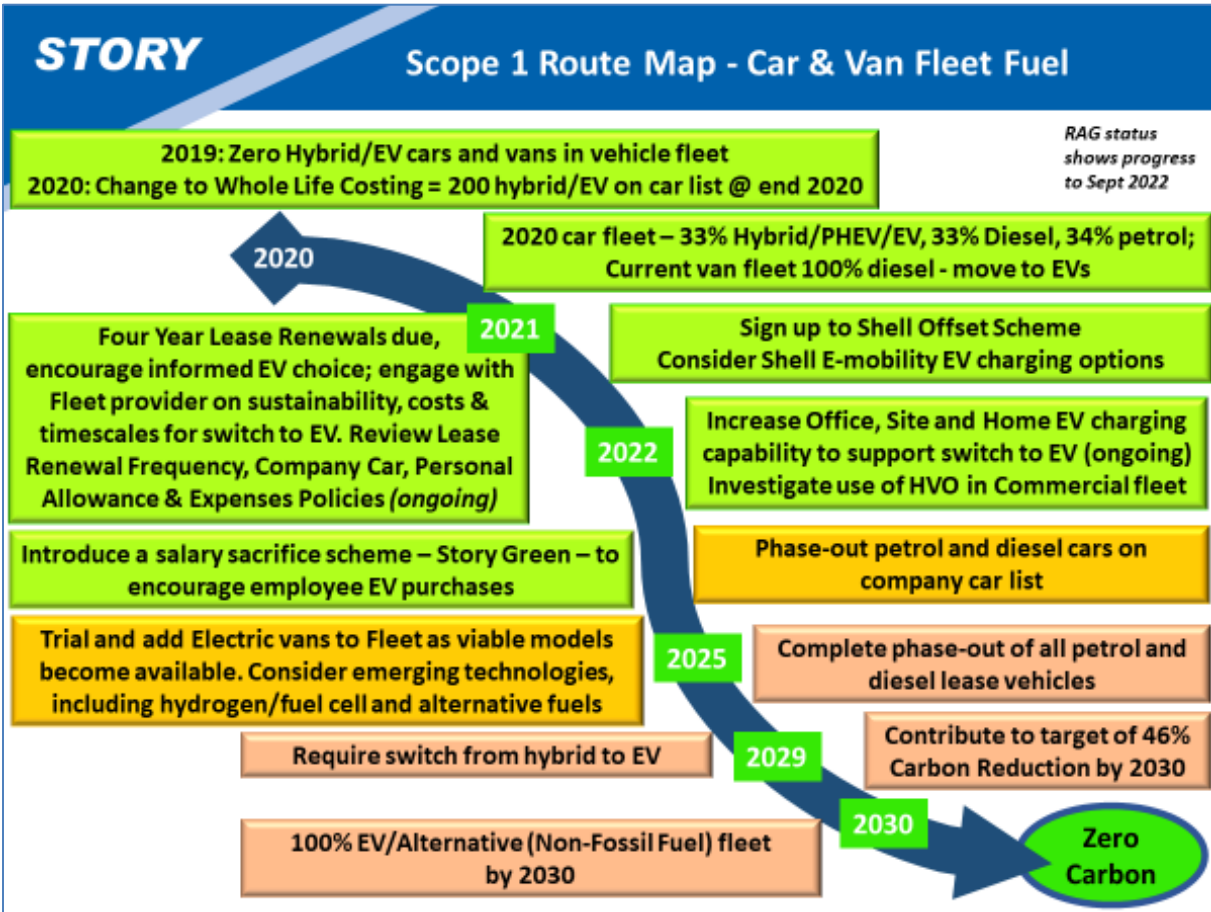
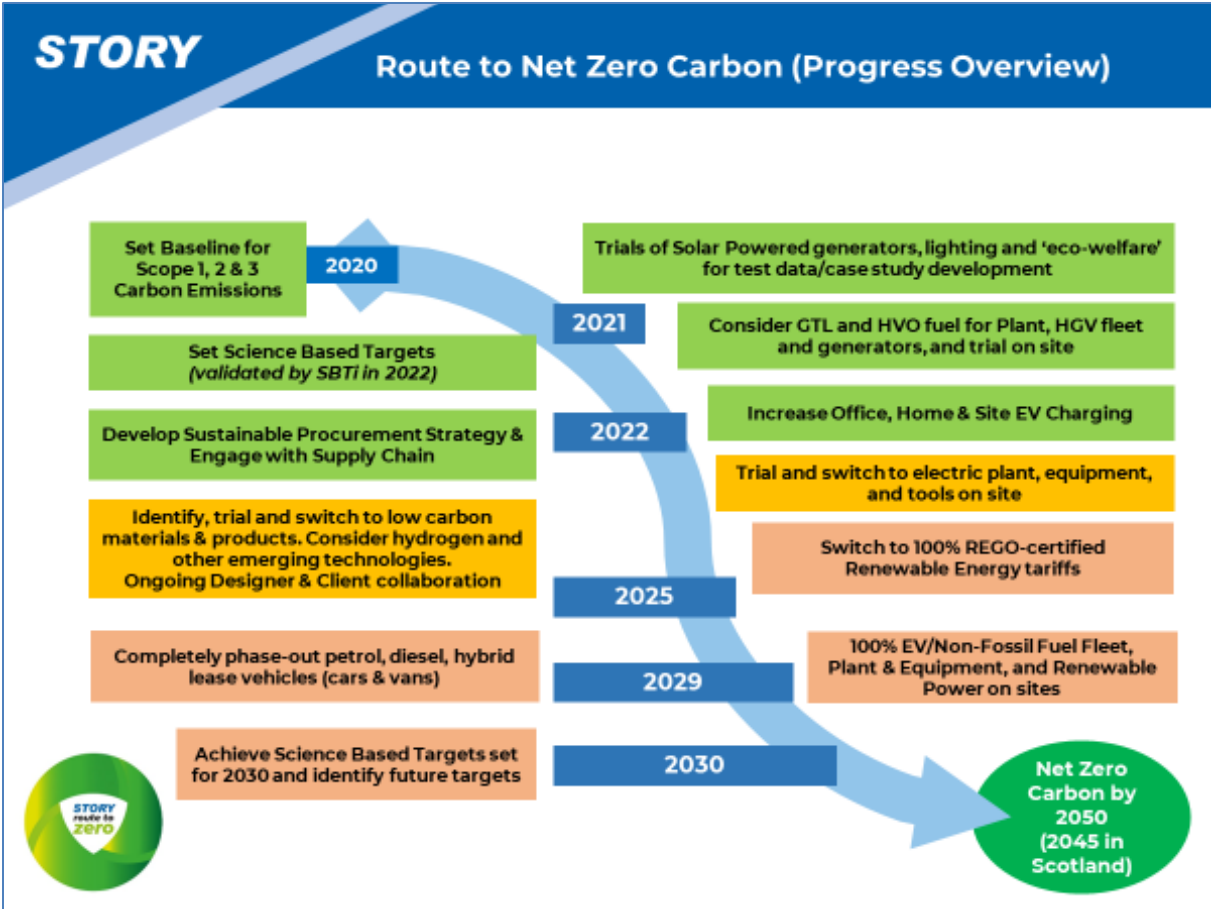
Next Actions to meet target: Increase 'Eco-Welfare' (solar, battery) and HVO/alternative fuels on sites. Trial and introduce Electric Vans, Plant and Tools where there is mains electricity/renewable power for charging. Promote more company vehicle sharing, improve logistics/planning efficiencies.

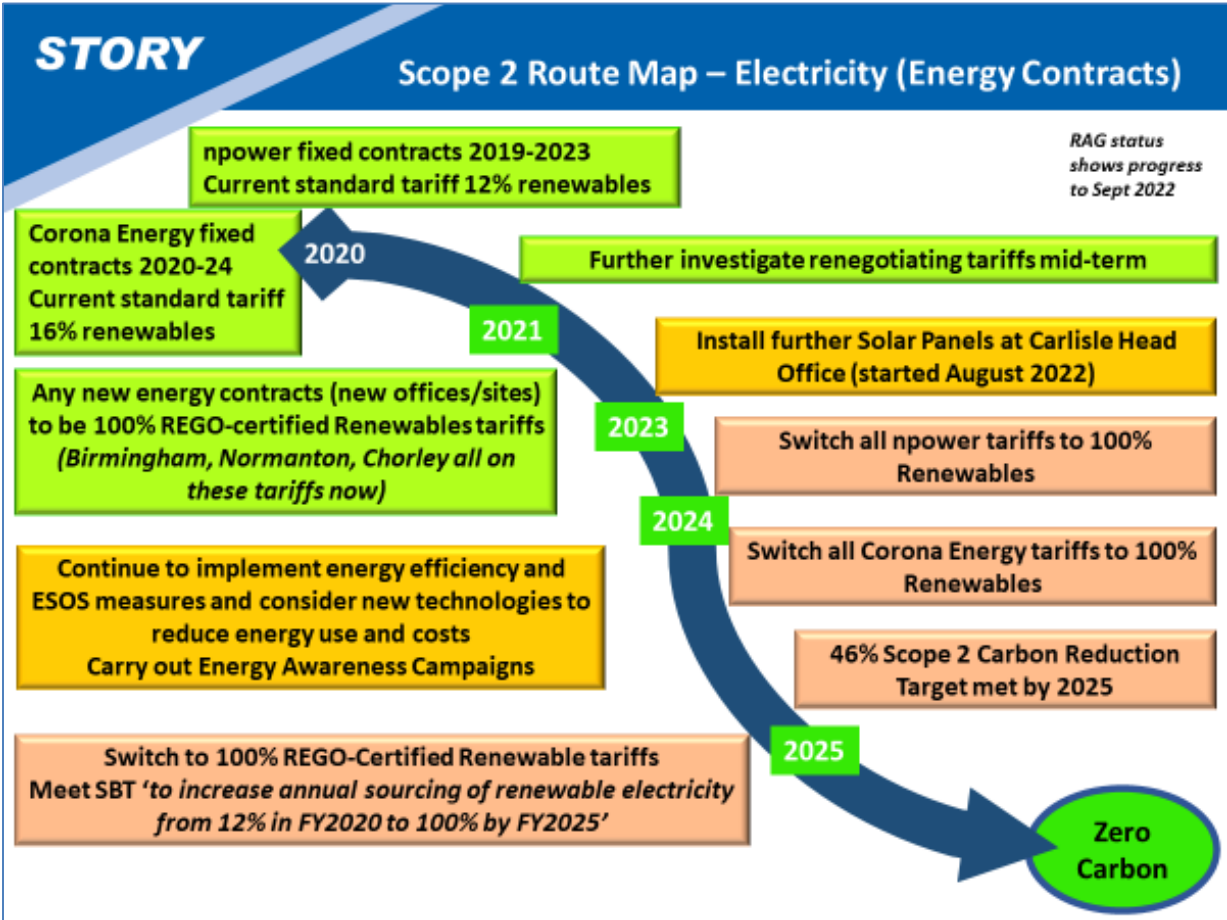
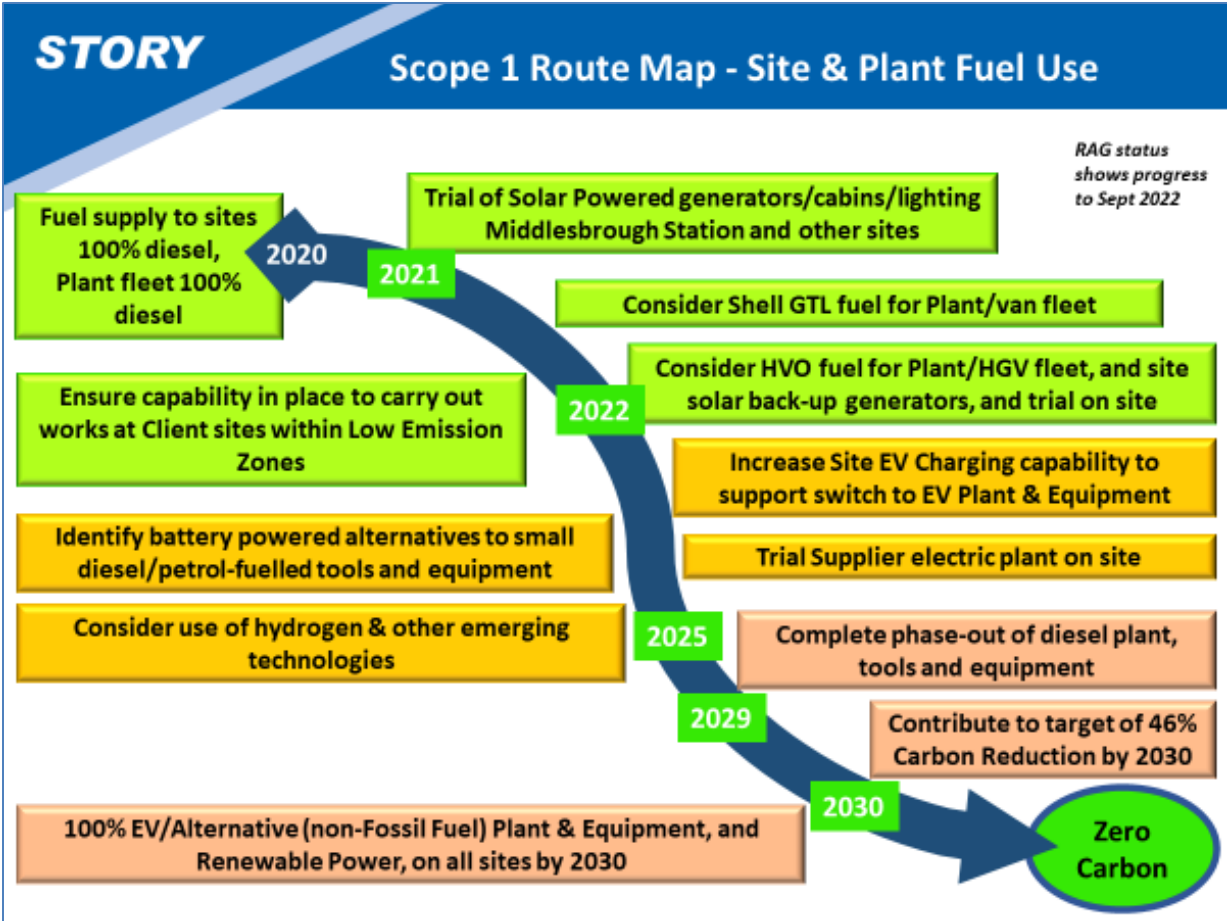


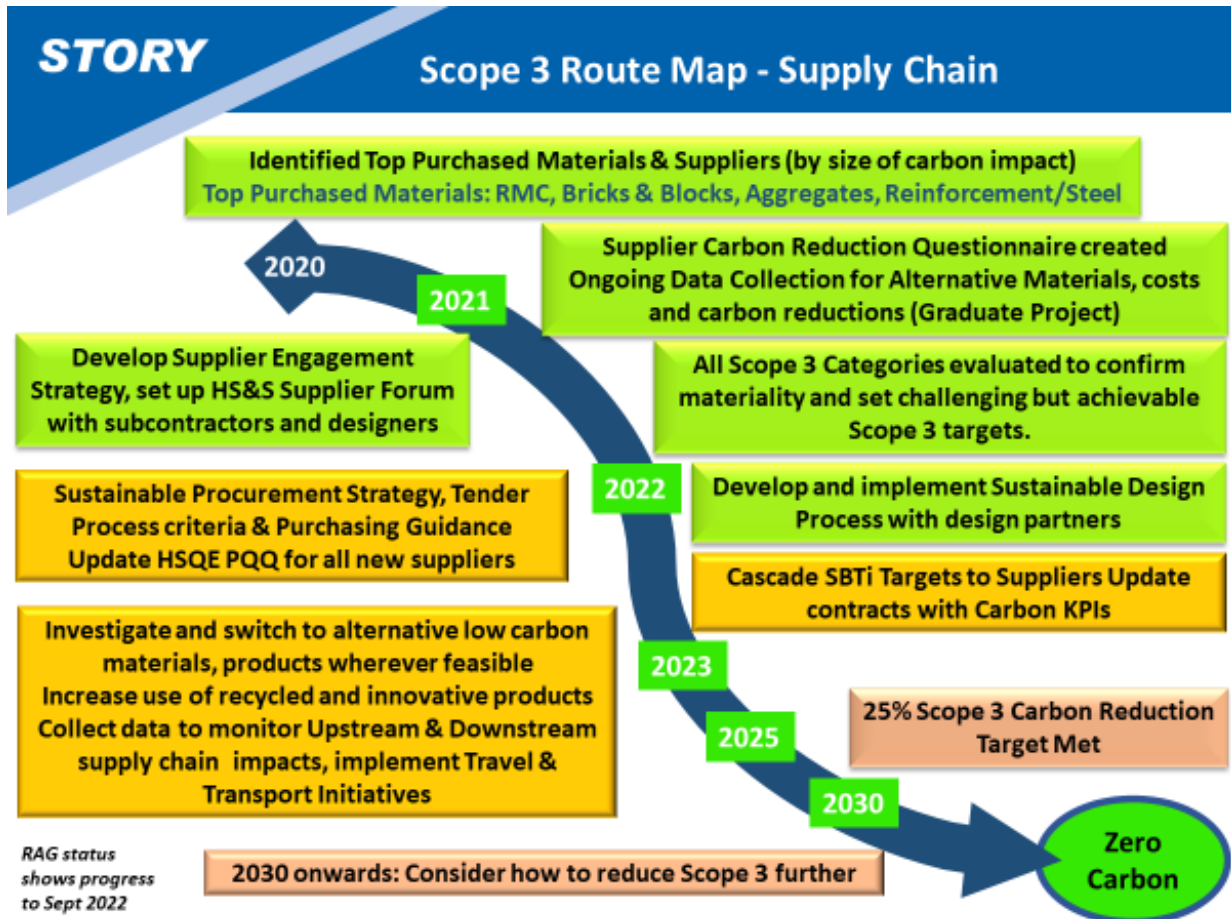


We have produced Net Zero Carbon Route Maps for the business that show key milestones which are guiding us internally on the actions to take to meet our targets and the overall aim to reach Net Zero; these are regularly reviewed/updated to show progress and communicated to internal and external audiences.

A summary Route Map (all Scopes) is provided below, followed by more detailed Scope 1, 2 and 3 Route Maps, showing progress to end September 2022, and future milestones and targets yet to be achieved:







Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental and carbon management measures and projects have been completed or implemented since our 2019/20 baseline year (in accordance with the Route Maps shown above):

- Recertification to the ISO 14001 Environmental Management standard, incorporating carbon reduction/environmental improvement targets.
- Science-Based Targets set to drive the reduction of our carbon emissions to a level commensurate with maintaining global warming to below 1.5°C, which have been validated/published by the SBTi.
- Implementation of our Carbon Reduction Strategy and Route Maps with regular progress reporting against the actions and milestones for decarbonisation.
- Regular meetings of the Carbon Reduction Steering Group comprising senior managers across the business to drive the implementation of Scope 1, 2 and 3 carbon reduction projects, and report on progress to our Operations, Technical and Executive Leadership Teams.
- Regular meetings of the Sustainable Innovations Group and team of Sustainability Champions tasked with identifying, researching and implementing new initiatives, and engaging with other employees, clients and relevant external parties on carbon reduction activities and opportunities across the business.

- *Regular engagement with our Designers, Subcontractors and Suppliers through our Health, Safety & Sustainability (HS&S) Forum, and associated Working Groups on Carbon and Circular Economy, to discuss our carbon reduction/Science-Based Targets and requirements and to share experiences and best practice; including in sustainable design and procurement.*
- *We have been gradually replacing our company petrol and diesel car fleet with EVs, to be followed by our van fleet when charging infrastructure and EV range has improved, with the aim of having a completely emission-free fleet by 2030. From a figure of zero in 2019, we now have 99 fully electric cars and 63 more on order. We have also increased our total number of EV charging points (at office and depot locations) to 39, with more to be installed. In addition, a stock of portable EV chargers has been purchased for use on our worksites where mains electricity or renewable power sources are available for charging.*
- *A new Salary Sacrifice Scheme has been launched to enable non-company car/car allowance drivers to buy EVs more easily.*
- *We have appointed three national framework welfare providers to supply our worksites with 'eco welfare' facilities, including energy efficient cabins and zero or low emission replacements for diesel generators and lighting, such as solar power and storage batteries, and use of sustainably sourced HVO (Hydrotreated waste Vegetable Oil), with the aim of achieving 'diesel-free' construction sites in line with client requirements.*
- *Our new Birmingham and Normanton depots and Chorley office all have 100% REGO-certified Renewables tariff contracts in place for electricity supply.*
- *We are currently installing further solar PV panels at our head office in Carlisle to increase our solar power generation capability for supplying the office and depot facilities on site.*

These measures will be in effect when performing all relevant Government contracts.

We will also be implementing further measures (in accordance with the Route Maps shown earlier), such as:

- *Continuing to trial small and large EV vans as their battery range and technology improves, so we can switch this portion of our fleet to EV in the future.*
- *Investigating more ways to improve energy efficiency at our offices and depots, and consider replacement of existing systems with alternative technologies, such as air or ground source heat pumps, when appropriate.*
- *Switching consumption of diesel on our construction sites to hydrogen and/or other viable low carbon alternative fuels once they become more readily available. We will undertake further trials to assess feasibility, infrastructure and other changes required and measure actual carbon emissions reductions achieved by different categories of site plant and equipment.*
- *In relation to reducing our Scope 3 (Supply Chain) upstream and downstream impacts, we will be developing and implementing green travel plans for our office/depot and project locations and engaging with our clients, designers, sub-contractors, and suppliers in order to switch to lower carbon materials and products, and with academia and industry to identify and embrace innovation in decarbonisation.*
- *A team of our graduates has just completed a research project into alternative low carbon materials/products and have produced a prototype decision-making tool based on carbon reduction options, that we will be introducing into our sustainable design process in partnership with our designers and clients.*

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.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard³.

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:



Alan Taylor, HSQE Director at Story Contracting Ltd

Date: 17th November 2022

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

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

³ <https://ghgprotocol.org/standards/scope-3-standard>