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[1] 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 CRP should be specific to the bidding entity, or, provided certain criteria are met, may cover the bidding entity and its parent organisation. In order to ensure the CRP remains relevant, a Carbon Reduction Plan covering the bidding entity and its parent organisation is only permissible where the detailed requirements of the CRP are met in full, as set out in the Technical Standard[2] and Guidance, and all of the following criteria are met:

- the bidding entity is wholly owned by the parent
- the commitment to achieving net zero by 2050 for UK operations is set out in the CRP for the parent and is supported and adopted by the bidding entity, demonstrated by the inclusion in the CRP of a statement that this will apply to the bidding entity
- the environmental measures set out are stated to be able to be applied by the bidding entity when performing the relevant contract
- the CRP is published on the bidding entity's website

Bidding entities must take steps to ensure they have their own CRP as soon as reasonably practicable and should note that the ability to rely on a parent organisation's Carbon Reduction Plan may only be a temporary measure to satisfy this particular condition of participation.

[1] Bidding supplier or 'bidding entity' means the organisation with whom the contracting authority will enter into a contract if it is successful.

[2] Technical Standard can be found at: https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/991625/PPN_0621_Technical_standard_for_the_Completion_of_Carbon_Reduction_Plans__2_.pdf

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: Luddon Construction Limited

Publication date: 12th May 2026

Commitment to achieving Net Zero

Luddon Construction 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: September 2014 – August 2015
Additional Details relating to the Baseline Emissions calculations.
Luddon Construction initiated the collection of emissions data to comply with the Streamlined Energy and Carbon Reporting (SECR) requirement for the financial year ending August 2022. Scope 1, Scope 2 and limited Scope 3 emissions (Emissions for business travel in employee owned vehicles only) have been reported and adopted as the company baseline. It is recognised that further Scope 3 categories require to be incorporated over time in line with the GHG Protocol standards, including purchased goods and services, capital goods, transportation and distribution, waste generated in operations, business travel and employee commuting.

Baseline year emissions:	
EMISSIONS	**TOTAL (tCO_2e)**
Scope 1	**4615.8**
Scope 2	**189.29**
Scope 3 (Included Sources)	**153.78**
Total Emissions	**4,958.87**

Current Emissions Reporting

Reporting Year: September 2024 – August 2025	
EMISSIONS	**TOTAL (tCO_2e)**
Scope 1	**7709.65**
Scope 2	**107.42**
Scope 3 (Included Sources)	**0***
Total Emissions	**7,817.07****

*Luddon do not include scope 3 emissions in our annual reporting beyond the mandatory requirement to report on fuel purchased by the company for use in our grey fleet for business travel. As there is no legal requirement to include these figures in either the ESOS or SECR schemes we have chosen not to record and publish figures for these emissions.

**Whilst our emissions have increased so has the size of the business and our chosen intensity ratio is per £100,000 turnover

Emissions Reduction Targets

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

We aim to reduce our carbon by 5% year on year.

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2015 baseline.

Electric and Hybrid Vehicles - Approximately 62% of the company vehicle fleet currently consists of electric or hybrid vehicles. Luddon Construction has also installed EV charging points at the Glasgow head office to support the transition to lower emission transport.

Solar PV Installation - The company head office in Glasgow has installed a 45kWp solar PV system to reduce reliance on grid electricity and generate renewable energy onsite.

ECO Cabins - ECO cabins supplied by Sunbelt Rentals Plant & Tools are utilised on construction sites. These units incorporate energy efficient features including LED lighting, PIR sensors, enhanced insulation, smart electric meters and water saving technologies.

Sustainable Waste Management - Luddon Construction prioritises waste reduction, reuse and recycling across operations. Waste materials such as rubble and topsoil are reused on projects wherever possible to minimise disposal and reduce embodied carbon impacts.

The company also selects waste carriers that follow responsible waste management practices, helping divert waste from landfill and reduce greenhouse gas emissions associated with disposal.

Sustainable Procurement - Luddon Construction promotes sustainable procurement through the specification of FSC timber, recycled aggregates and low carbon materials wherever practicable. The company also works with suppliers who demonstrate strong environmental credentials and established carbon reduction strategies.

Future Carbon Reduction Initiatives

In the future we hope to implement further measures such as:

Transition to Alternative Fuels - Luddon Construction is exploring the transition to Hydrotreated Vegetable Oil (HVO) fuel as a low emission alternative to conventional diesel. HVO has the potential to reduce lifecycle carbon emissions by up to 90% without requiring modifications to existing diesel-powered equipment.

Hybrid and Electric Machinery - The company is evaluating hybrid and fully electric construction plant and machinery to reduce fuel consumption and operational emissions across projects.

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 006 and associated guidance and reporting standards 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[3] and uses the appropriate Government emission conversion factors for greenhouse gas company reporting[4].

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) Standard[5].

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:

Allan Randall
Joint Managing Director
Date: 13/05/2026

Alex Morrison
Joint Managing Director
Date: 13/05/2026

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[3] https://ghgprotocol.org/corporate-standard
[4] https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting
[5] https://ghgprotocol.org/standards/scope-3-standard