



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 supplier¹ 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 Standard² and Guidance³, 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; and
- 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 under this selection criterion.

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.

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

²Technical 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

³Guidance can be found at:

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/991623/Guidance_on_adopting_and_applying_PPN_06_21__Selection_Criteria__3_.pdf

Carbon Reduction Plan Template

Supplier name:Radnor Hills.....

Publication date:05/08/2024.....

Commitment to achieving Net Zero

Radnor Hills is committed to achieving Net Zero emissions by 2050.

Baseline Emissions Footprint

Radnor Hills' net zero strategy is ongoing and the below information maybe subject to change as we are further refining our baseline data. Our objective is to submit our Net Zero Strategy to Science Based Targets Initiative by 31st October 2024.

Our internal Net Zero Strategy has been compiled with consultancy company Go Green Experts whom have measured the carbon footprint emissions including direct and selected indirect emissions, i.e. Scope 1, Scope 2, and selected Scope 3 emissions.

To achieve Net-Zero, Radnor needs to remove carbon from our operations and wider business activities consistently each year until we reach a Net-Zero position by 2045.

An interim target of 50% reduction in Scope 1 & 2 CO₂e emissions by 2030 from the 2023 baseline position has been set - Radnor commits to reduce Scope 1 and Scope 2 GHG emissions by this amount, with an ambition to also reduce Scope 3 emissions. Radnor is also committed to achieving 80% renewable electricity use by 2025 and 100% renewable electricity use by 2035, as described in the Energy Reduction Strategy.

These targets are consistent with a 1.5°C reduction pathway and are set in accordance with the Science-Based Targets Initiative (SBTi) guidance for SMEs. These ambitious targets are aspirational in the medium to long term and a process of constant review of progress against targets over multiple years is required to achieve success.

The principles of the Science Base Targets Initiative states that offsets must be excluded from emission reduction targets. Offsetting can be used for beneficial projects such as forest management but cannot be used to comply with emission reduction targets.

An annual carbon reduction plan then shows how we will reduce carbon emissions between the 2022 baseline period and 2050, with the plan being more detailed in nature between 2022 and the 2030 interim target.

The targets set have been set using the location-based methodology of electricity carbon accounting rather than the market-based methodology. Radnor will report on both the market-based and location-based carbon footprint in future and aim to become Net- Zero by 2045 under both measures.

Baseline Year: 1st June 2022 to 31st May 2023

Additional Details relating to the Baseline Emissions calculations.

The carbon emissions for each category of consumption were calculated using the methodology defined in the Greenhouse Gas Protocol and the Carbon Conversion Factors published annually by DEFRA on behalf of the UK Government.

Emissions consist of several atmospheric greenhouse gases which include Carbon Dioxide (CO₂), Sulphur Hexafluoride (SF₆), Methane (CH₄), Nitrous Oxide (N₂O), Ozone (O₃), Hydrofluorocarbons (HFCs) and Perfluorocarbons (PFCs). For simplicity of comparison, the global warming potential of all these gases is combined into a Carbon Dioxide Equivalent (CO₂e). All 'carbon emissions' quoted in this report are in CO₂e units.

For the period 1st June 2022 to 31st May 2023 the carbon footprint (Scopes 1,2 and 3) for Radnor was calculated to be.

[Instructions to Suppliers:

Add commentary regarding your Baseline Emissions as required: e.g. historic baseline which deviates from the requirements under this measure (e.g. no prior Scope 3 emissions reporting), where there is no previous reporting and the creation of a new baseline due to substantial organisational change or restructuring]

Baseline year emissions: 1st June 2022 to 31st May 2023 (Data is subject to further refining)

EMISSIONS	TOTAL (tCO₂e) – Market Based
Scope 1	2,433.51
Scope 2	0.00
Scope 3 (Included Sources)	15,906.50*
Total Emissions	26,276.52* subject to refinement

Current Emissions Reporting

Not available to disclose currently due to focus on base year data and Net Zero Strategy

Reporting Year: 1st June 2022 to 31st May 2023 (Data is subject to further refining)	
EMISSIONS	TOTAL (tCO ₂ e) – Market Based
Scope 1	2,433.51
Scope 2	0.00
Scope 3 (Included Sources)	15,906.50*
Total Emissions	26,276.52* subject to refinement

Emissions reduction targets

Sustainability is at the forefront for Radnor Hills we are committed to minimising our impact. As a producer of soft drinks, Radnor Hills exists as one step in a process that flows from raw materials through to consumer and to the end of life of a product.

To identify the outcome of our footprint, a PESTEL exercise was undertaken, and this model is attributed to the outcomes of our Environmental Management System. The implementation of our Environmental Management System began in 2018 and has been certified to ISO 14001:2015 standard.

Our environmental policy publicly summarises our commitments to environmental impacts and improvements within our day-to-day activities, this can be found on our website. We monitor and record emissions produced in scope 1, 2 and 3 and are working towards a carbon and sustainability management plan.

Considerations and Opportunities

Throughout our sustainability journey we are actively considering opportunities, the challenges we face is that there is no one way for a company or SME to reduce their emissions. We are aware of the UK target of reaching net zero by 2050 and ultimately that is our goal. We want to ensure that the journey we take to reach and achieve this goal is feasible. Below are initiatives, schemes, goals, and objectives we have considered and presented as part of a sustainability and carbon management plan.

- Alignment with UN Sustainable Development Goals
- B Corp Certification
- Carbon Disclosure Project
- Science Based Targets
- Verified Carbon Standard
- Full site energy assessment conducted and provided by NFU for Radnor Hills, highlighting our performance, opportunities of improvement and feasibility of actions and recommendations.

- PAS 2060
- ISO 50001
- ISO 14067:2018

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

To achieve Net-Zero, Radnor needs to remove carbon from our operations and wider business activities consistently each year until we reach a Net-Zero position by 2045.

An interim target of 50% reduction in Scope 1 & 2 CO₂e emissions by 2030 from the 2023 baseline position has been set - Radnor commits to reduce Scope 1 and Scope 2 GHG emissions by this amount, with an ambition to also reduce Scope 3 emissions. Radnor is also committed to achieving 80% renewable electricity use by 2025 and 100% renewable electricity use by 2035, as described in the Energy Reduction Strategy.

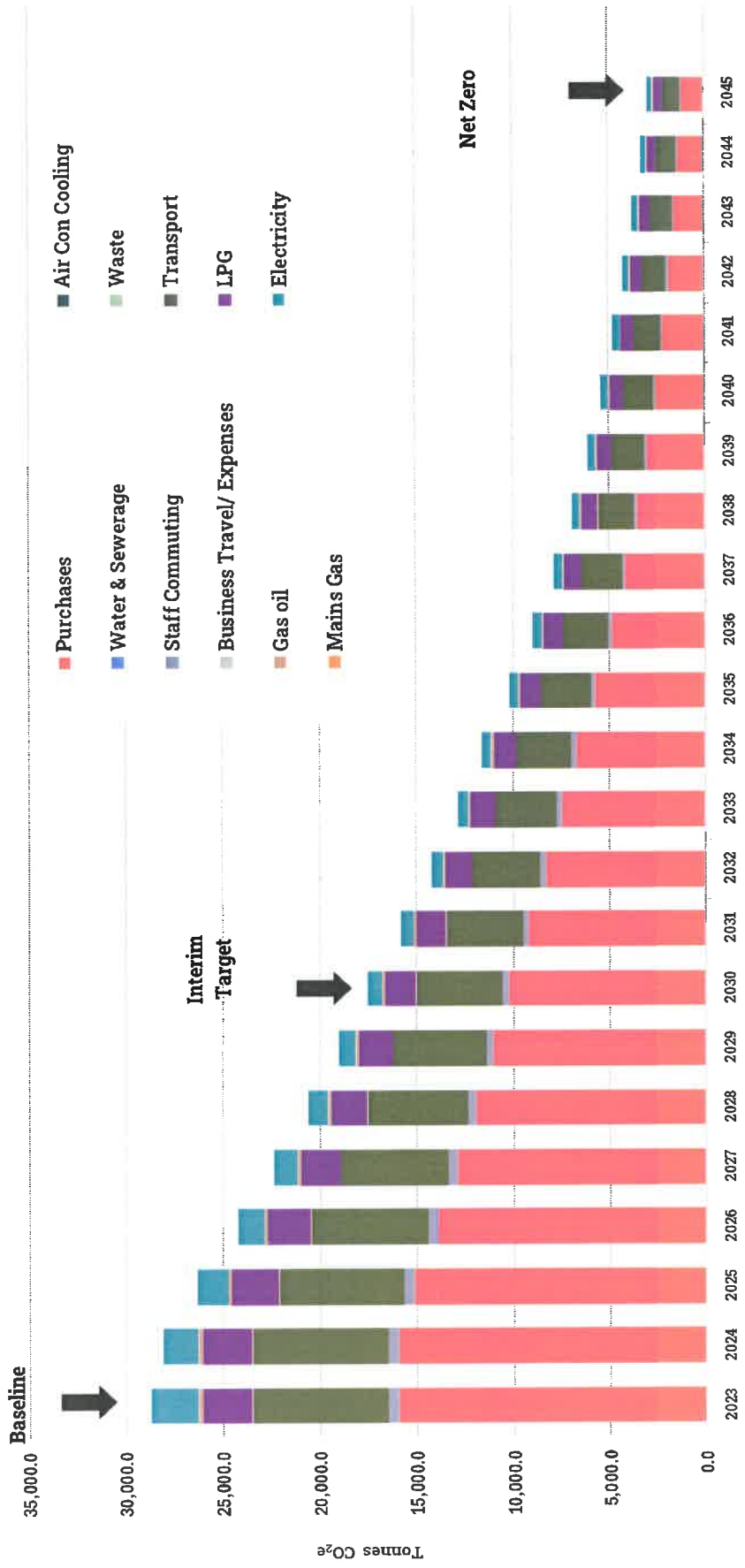
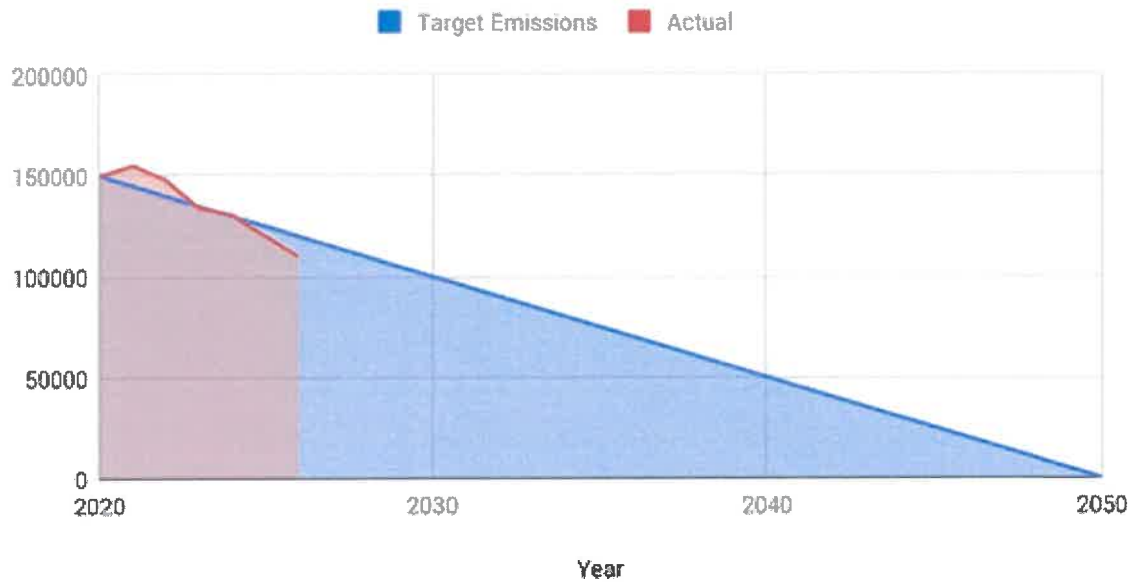


Figure 7.2: Radnor carbon reduction targets summary: 2022 to 2045

Carbon Reduction: Projected vs. Actual



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 20XX baseline. The carbon emission reduction achieved by these schemes equate to XX tCO₂e, a XX%ge reduction against the 20XX baseline and the measures will be in effect when performing the contract

Energy Efficiency Actions

Below are highlighted examples of a few initiatives and achievements but is not limited to this list.

- ISO 14001:2015 Certification since 2018
- Zero Waste To Landfill Since 2018
- SECR Reporting
- 5% Energy Usage Reduction per ton of product produced as part of a climate change agreement with the environment agency.
- Installation 2MW Solar PV began in Q4 of 2022 and will be completed by Q2 of 2023. Generating approximately 21% of our consumption annually.
- 90% completion of replacing halogen lighting to LED units.
- 95% completion of replacing electronic fly killers' models to LED units.
- New Bespoke Office Block with air source heat pump equipment and automated motion lighting.
- Radnor Hills will be participating with the supplier environmental improvement programme in partnership with Manufacture 2030.
- Employees certified as being Carbon Literate.

- Light Pollution Assessment
- Environmental Manager enrolled on MSc Sustainability Degree with Cranfield University

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 standard⁴ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting⁵.

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) Standard⁶.

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:

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Date: 06/09/2024

⁴<https://ghgprotocol.org/corporate-standard>

⁵<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

⁶<https://ghgprotocol.org/standards/scope-3-standard>