

Sweco UK & Ireland

# Carbon Reduction Plan

Revision: 2  
Date: October 2024

## Revisions

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Revision:	Date Issued:	Notes
1	January 2023	Created
2	October 2024	Updated

# Carbon Reduction Plan

## Commitment to achieving Net Zero

Sweco UK & Ireland is committed to achieving Net Zero emissions by 2040.

## 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**

### Additional details relating to the baseline emissions calculations

Sweco UK & Ireland’s baseline emissions involved the assessment of scope 1, 2 and 3 emissions. The emission sources considered in the 2019 baseline assessment go beyond the requirements of Streamlined Energy Carbon Reporting and include the following:

Scope 1	<ul style="list-style-type: none"> <li>• Mobile fuel combustion (company-owned vehicles)</li> <li>• Stationary fuel combustion (gas and refrigerants)</li> </ul>
Scope 2	<ul style="list-style-type: none"> <li>• Electricity</li> </ul>
Scope 3	<ul style="list-style-type: none"> <li>• Purchased Goods and Services</li> <li>• Capital Goods</li> <li>• Fuel and Energy Related Activities</li> <li>• Waste</li> <li>• Business Travel</li> <li>• Commuting</li> </ul>

The 2019 baseline carbon footprint assessment and the respective methodology undertaken by Sweco UK & Ireland follows Sweco Group Carbon Accounting Principles which leads on best practice and is in accordance with EU Corporate Sustainability Reporting Directive requirements. Sweco UK & Ireland’s methodology has also been verified by a third-party. The verification established a robust baseline with a verified and data-sound methodology.

*This Carbon Reduction Plan has been compiled to meet the requirements of the technical standards set out in the Cabinet Office Procurement Policy Note 06/21.*

## Baseline year emissions:

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EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	242
Scope 2	437
Scope 3	3,318
<b>Total Emissions</b>	<b>3,997</b>

## Current emissions reporting:

### Reporting Year: 2023

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EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	171
Scope 2	9
Scope 3	2,626
<b>Total Emissions</b>	<b>2,806</b>

### Reporting Year: 2022

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EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	193
Scope 2	26
Scope 3	2,353
<b>Total Emissions</b>	<b>2,572</b>

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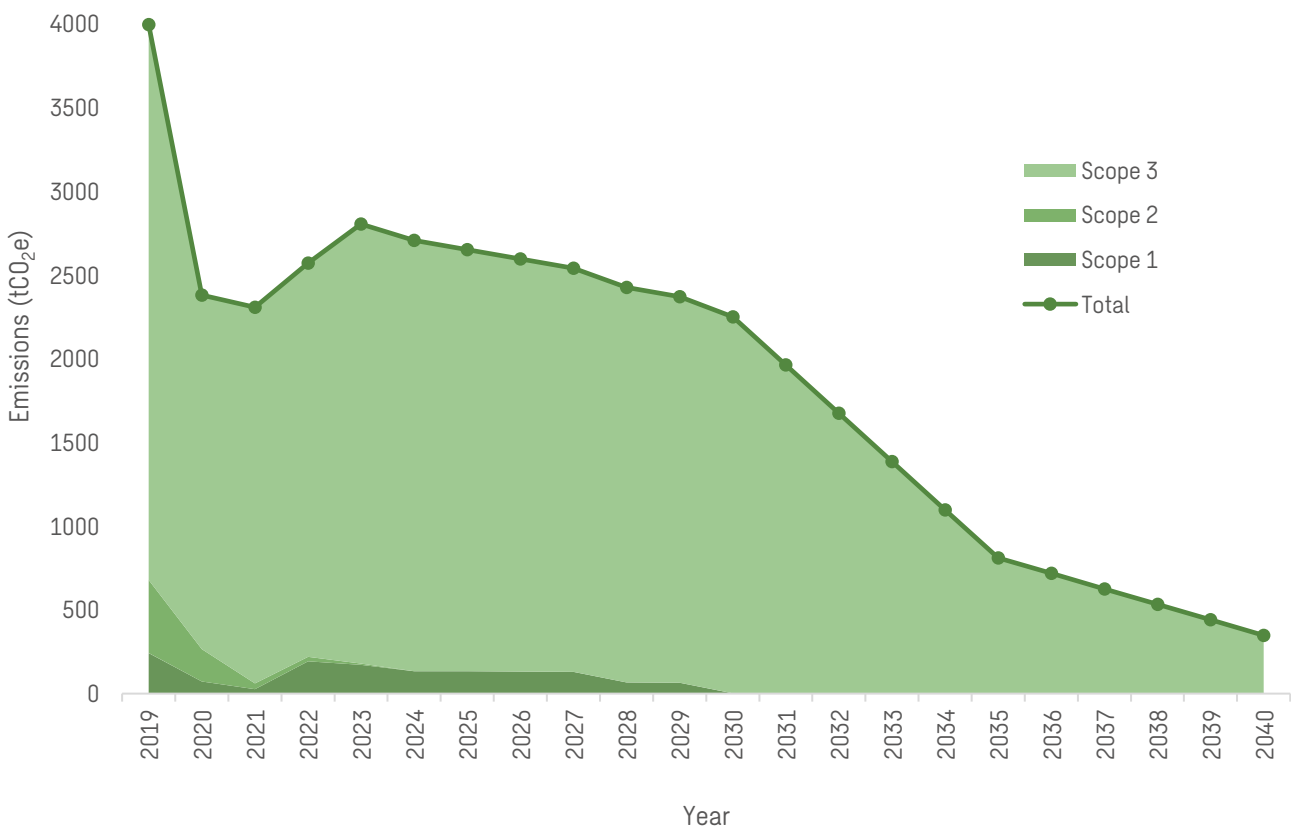
## Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets. We project that carbon emissions will decrease over the next five years to 2426 tCO<sub>2</sub>e by 2028. This is a reduction of 40% based on the 2019 baseline.

Sweco UK & Ireland is seeking to achieve the 40% reduction by 2028, compared to the 2019 baseline, by doing the following in the next 5 years:

1. Significantly reducing gas consumption in Sweco UK & Ireland offices.
  - Aim to eliminate all gas emissions by 2030 on the assumption that the current office(s) will no longer use gas as heating source.
2. Procure 100% renewable energy for electricity consumption (resulting in 0 tCO<sub>2</sub>e net scope 2 emissions) by 2025.
3. Assumed 25% reduction of 2019 scope 3 emissions by 2028.

It is expected that by 2028, scope 2 emissions will be net zero. By 2028, gas emissions will also reduce by 50% as existing offices transition to all electric alternatives, eliminating gas emissions from Sweco UK & Ireland footprint. From 2028 – 2030, an assumed percentage reduction in mobile fuel consumption (scope 1) and remaining scope 3 emissions is estimated for the net zero trajectory.



## Carbon reduction projects

### Completed carbon reduction initiatives

The following environmental management measures and projects have been completed or implemented since the 2019 baseline:

- WFH/flexi-working formally introduced.
- Prohibition on domestic (within UK) flights.
- Eradicate use of gas for office heating.
- 90% of energy consumed is renewably sourced.
- Use of improved energy efficiency controls and appliances in the Sweco office environment.
- Regular promotion of active and public transport in all offices.
- Promotion of waste minimisation and recycling for staff.

Actions that have been successfully implemented in 2023 and 2024:

- Development of Environmental Management System Dashboard which allows employees to see Sweco UK & Ireland energy consumption, commuting and waste emissions.
- Roll out of EV salary sacrifice scheme.
- Consideration of energy supply and provisions within property gate review.
- Leasing offices with excellent public transport and active travel links.
- Enhanced cycle storage facilities and promotion of the cycle-to-work scheme.
- Developing and publicising travel plans at each office.
- Introduction of electric vehicle and bike infrastructure for offices that have company cars and cycling facilities.

In the next few years, Sweco UK & Ireland hope to implement further measures such as below. The proposed measures are listed in accordance with the IEMA GHG Management Hierarchy. Precedence is placed on the elimination of GHG emissions, followed by emission and energy reduction and then by substitution measures which involve the use of renewables.

Scope	Emission Type	IEMA GHG Management Hierarchy	Action
1	Mobile fuel combustion	Substitute	<ul style="list-style-type: none"> <li>• All company vehicles to be electric or alternative fuel by 2030.</li> <li>• Introduce electric vehicle and bike infrastructure for offices that have company cars and cycling facilities.</li> </ul>
1	Gas	Eliminate	<ul style="list-style-type: none"> <li>• Eradicate all gas for office central heating by 2030.</li> </ul>
2	Electricity	Reduce	<ul style="list-style-type: none"> <li>• Implement effective energy efficiency policies:               <ul style="list-style-type: none"> <li>- Managed by office environmental champions with switch it off programme.</li> <li>- Increase use of highest energy-rated appliances for computing and data management.</li> </ul> </li> </ul>

			<ul style="list-style-type: none"> <li>- Improve energy control systems to radically reduce energy use in offices at lower average temperatures.</li> <li>- Ensure all offices use LED/PIR lighting controls.</li> </ul>
2	Electricity	Substitute	<ul style="list-style-type: none"> <li>• Consider occupying offices that allow for installation of renewable technologies e.g., solar PV.</li> </ul>
2	Electricity	Substitute	<ul style="list-style-type: none"> <li>• Ensure all electricity (100%) is procured on green tariffs by 2025 if onsite energy generation etc is not viable.</li> </ul>
3	Business Travel	Eliminate	<ul style="list-style-type: none"> <li>• Maintain full prohibition of domestic flights.</li> </ul>
3	Business Travel	Substitute	<ul style="list-style-type: none"> <li>• Only hire electric vehicles.</li> </ul>
3	Business Travel	Reduce	<ul style="list-style-type: none"> <li>• Active promotion of active and public transport in all offices for both commuting and client meetings.</li> <li>• Lease offices that have excellent public transport and active travel links and are near a train station and have a pedestrianised commute from train station.</li> <li>• Enhance cycle storage facilities and promote cycle-to-work scheme.</li> <li>• Develop and publicise travel plans for each office.</li> </ul>
3	Commuting	Reduce	<ul style="list-style-type: none"> <li>• Active promotion of active and public transport in all offices for both commuting and client meetings.</li> <li>• Lease offices that have excellent public transport and active travel links and are near a train station and have a pedestrianised commute from train station.</li> <li>• Enhance cycle storage facilities and promote cycle-to-work scheme.</li> <li>• Develop and publicise travel plans for each office.</li> </ul>
3	Waste	Reduce	<ul style="list-style-type: none"> <li>• Ensure effective waste management practices are undertaken.</li> <li>• Promote purchasing of office goods that don't use of single-use packaging.</li> <li>• Minimise use of harmful chemicals in cleaning products used in office environment.</li> <li>• Recycling and food waste bins in every office.</li> <li>• Old computers and associated equipment are donated to charities and send remaining e-waste (including laptops, monitors and other e-waste) to recycling plants.</li> <li>• Participate in recycling programmes: Crisp packets, Teracycle, batteries, 'Writing Instruments'.</li> </ul>
3	Purchased goods and services	Reduce	<ul style="list-style-type: none"> <li>• Request data on carbon footprint and/or carbon reduction plan from top 10 suppliers.</li> <li>• Add climate/carbon to procurement decisions to allow consideration of suppliers' carbon footprint in investment decisions.</li> </ul>

			<ul style="list-style-type: none"> <li>• Prioritise purchasing more sustainable goods e.g., recycled paper, no single-use plastic packaging.</li> <li>• Use local suppliers where possible.</li> </ul>
3	Capital Goods	Reduce	<ul style="list-style-type: none"> <li>• Assess the impact of emissions for every Sweco UK &amp; Ireland office renovation project.</li> </ul>
-	-	Compensate	<ul style="list-style-type: none"> <li>• Sustainably offset residual emissions.</li> </ul>
4	-	Investigate	<ul style="list-style-type: none"> <li>• Examine the potential for Sweco UK &amp; Ireland to support minimisation of Scope 4 emissions.</li> </ul>
All	Clients	-	<ul style="list-style-type: none"> <li>• Promote use of forthcoming PAS 2080 standard in an increased number of client projects.</li> </ul>

## 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 standard<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>. 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<sup>3</sup>.

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:



Date: October 2024

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

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

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



