

Carbon Reduction Plan

Supplier name: **BakerHicks** (a division of Morgan Sindall Group)

Publication date: **Sept 2024**

Commitment to achieving Net Zero

BakerHicks' goal is net zero carbon by 2045.

This is more stringent than our previous goal of net zero by 2030 as it includes our wider Scope 3 emissions.

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. Our emissions calculations are based on periods from January to December. Baseline is in relation to our supply chain and more accurate data gathering on business travel.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	32
Scope 2	25
Scope 3 (Included Sources)	415 <i>Business travel: Air travel, car travel, rail travel, waste disposal</i> <i>Employee commuting</i> <i>Aggregate materials (not applicable), water supply electricity (T&D losses)</i> <i>Also includes fuel and energy, purchased goods and services, use of sold products</i>
Total Emissions	472

Current Emissions Reporting

Reporting Year: 2023	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	7
Scope 2	<p>30</p> <p>Slight increase with the expansion of our business – number of staff has increased by 58% since 2019. We have opened three new offices (electricity and services associated) and business travel has increased.</p>
Scope 3 (Included Sources)	<p>352</p> <p><i>Business travel: Air travel, car travel, rail travel, waste disposal</i> <i>Employee commuting</i> <i>Aggregate materials (not applicable), water supply electricity (T&D losses)</i> <i>Also includes fuel and energy, purchased goods and services, use of sold products</i></p> <p>Slight increase with the expansion of our business – number of staff has increased by 58% since 2019. We have opened three new offices (electricity and services associated) and business travel has increased. Wider Scope 3 shall be included from reporting year 2024.</p>
Total Emissions	389

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 283 tCO₂e by 2030. This is a reduction of 40%.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the **2019** baseline. The carbon emission reduction achieved by these schemes equate to **83 tCO₂e**, a **17.5%** reduction against the **2019** baseline and the measures will be in effect when performing the contract.

- We operate an integrated management system accredited to ISO 14001
- 98% of our electricity contracts are Renewable Energy Guarantees of Origin (REGO) contracts – ensuring transparency about the proportion of electricity sourced from renewable generation
- Adjustments were made to our company car policy, removing the option to select petrol and diesel vehicles. This was accompanied by extending the selection of hybrid and EV vehicles, EV charging grants and substantial extension of our EV charging facilities at offices
- Introduction of adaptable working, our approach to rethinking and reframing how we work, when we work and what we do to enable perfect delivery. This has reduced business travel for meetings
- Upskilled our staff in Passive House, NABERS, BREEAM RFO, TM52 and TM54 Modelling
- Introduction of an internal carbon tax to drive positive behaviour in carbon reduction. The funds raised from the tax are then re-invested in carbon reduction activities and initiatives
- Continued development of our in-house CarboniCa carbon measurement tool – helping us to measure our whole life carbon emissions
- A Morgan Sindall Group initiative has been implemented where three major offsetting schemes are currently under development:
 - Dorn and Glyme Valley (part of the Blenheim Estate) Woodland Creation Scheme has seen over 200,000 trees planted in 2022
 - Great Northern Bog – rewetting of identified peatland sites
 - RSPB Lakenheath Fen – extension and rewetting of the site
- We are members of the Architects and Engineers Declare Climate and Biodiversity Emergency
- As part of Morgan Sindall Group, we have maintained a CDP A leadership score for our carbon reduction disclosures since 2020.

Proposed future carbon reduction projects include:

- Continued development of the Morgan Sindall Group in-house carbon calculator tool (CarboniCa) to drive behaviour change with design
 - We will be looking to update our Project Execution Plan to include CarboniCa
 - A CarboniCa decision tree will be implemented, and CarboniCa will be required on projects that meet specific pre-requisites
 - We will be updating CarboniCa to integrate Building Services material components
- Continue to promote a climate conscious culture by:
 - Facilitating staff learning and development:

- Establish 'Carbon Literacy' training in-house
- Establish BREEAM training for staff
- Form a nationwide Sustainability Ambassadors Group to push sustainable practices in each of our offices and across projects
- Holding our annual Green Week with events and speakers to inspire staff
- A travel survey will be undertaken to evaluate how our staff travel to work. This will inform the development of a travel plan for BakerHicks, with an aim to encourage more sustainable transport methods
- Positive engagement with staff to reduce emissions from business travel and employee commuting
- Develop further service offering of soft landing and post occupancy evaluations to further reduce operational carbon
 - Engagement with our supply chain to measure our Scope 3 emissions;
 - Identify which suppliers are leaders and which are lagging behind in terms of sustainability performance;
 - Identify energy efficiency and cost reduction opportunities in our supply chain.

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:



Alwyn Hanekom – Managing Director, Infrastructure, Government & Defence

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>