

Carbon Reduction Plan

2023-2024

Commitment to achieving Net Zero

Níall McLaughlin Architects are committed to
achieving Net Zero emissions by 2050.



Office low carbon brick making workshop.

Níall McLaughlin Architects is a practice that designs high quality modern architecture for a range of clients. We put a strong emphasis on the inventive use of building materials, the qualities of light and the relationship between the building and its surroundings. We consider these issues to be more important than working in a particular style and hope that each project will be an original interpretation of the client, end-users, site, brief and budget. With over 30 years in practice and having delivered a broad range of projects, we have gained a reputation for thoughtful, innovative and well-crafted architecture that satisfies clients and wins awards.

We are acutely aware of the role architecture plays in relation to the climate and biodiversity emergency the planet currently faces. We promote practices that avoid breaching planetary boundaries and encourage awareness and discussion with our clients and collaborators towards achieving this critical aim. Níall McLaughlin Architects are a signatory of Architects Declare, and the RIBA 2030 Climate Challenge including the embedded targets set by the London Energy Transformation Initiative (LETI). Níall McLaughlin Architects is ISO 9001 certified and supported by an in-house Passivhaus certified designer.

Níall McLaughlin Architects are committed to achieving Net Zero practice emissions by 2050.

Baseline Emissions Footprint

The financial year 2023-2024 has been adopted as representative of the practice's baseline and records the greenhouse gases that have been produced prior to the introduction of any strategies to reduce emissions. The emissions in the year 2023-2024 will form a reference point against which future emissions can be assessed.

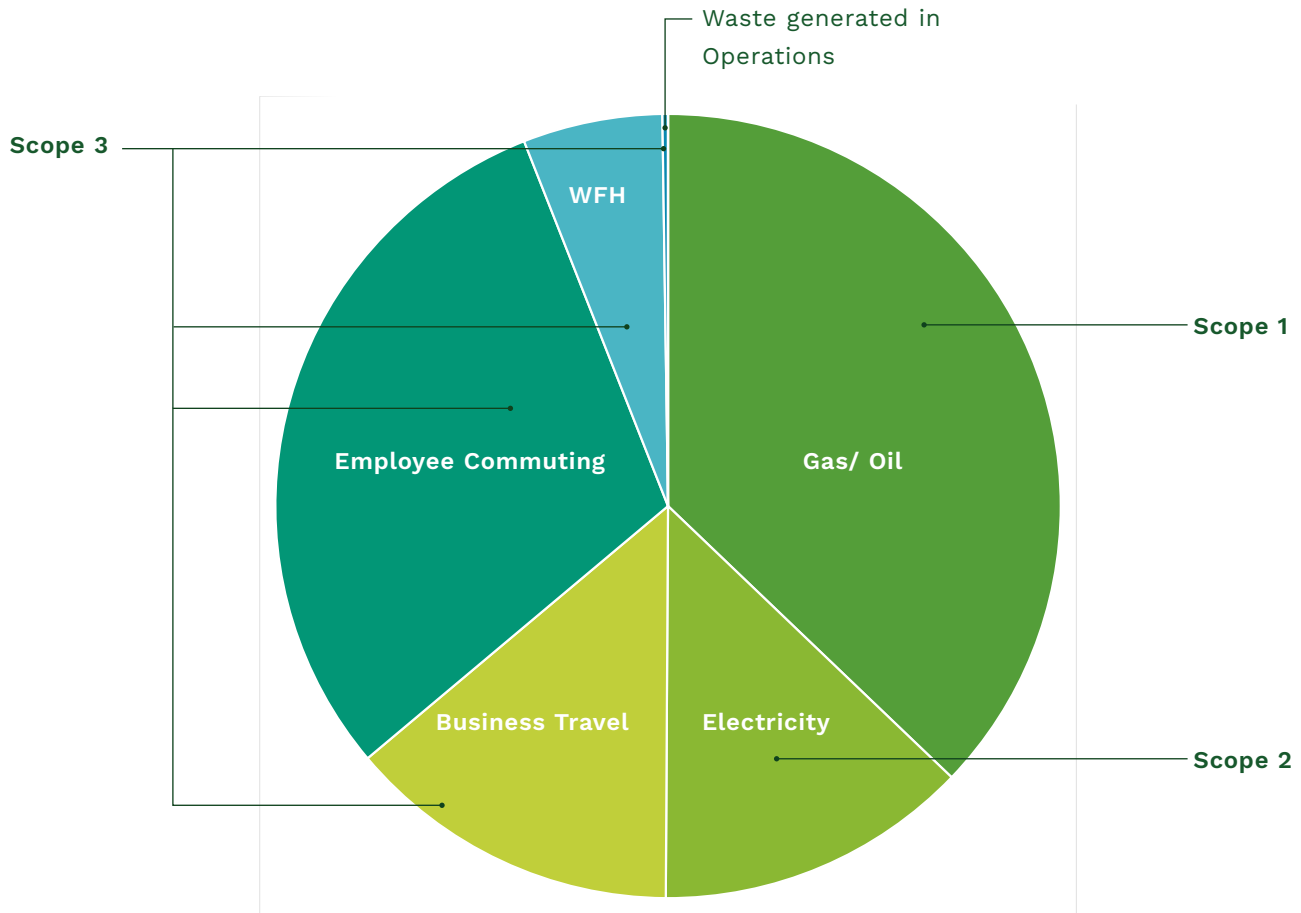
Greenhouse Gas emissions (GHG) are reported in metric tonnes of carbon dioxide equivalent (CO₂e) using the UK Government Conversion Factors for greenhouse gas (GHG) reporting which were published on 10/06/2024 in a spreadsheet format titled ghg-conversion-factors-2023-condensed-set-update.xls.

Níall McLaughlin Architects have chosen to report total practice emissions as well as an intensity ratio of tCO₂e per member of staff to accommodate potential fluctuations in future staffing. For the year 2023-2024 an average of 34 staff members has been applied.

Scope 1 and Scope 2 emissions have been estimated based on the floor area for which Níall McLaughlin Architects have responsibility within a shared office block.

Business travel has been calculated using available financial records for the period and waste emissions are calculated as part of the practice's waste management contract. In the absence of alternative representative data, a staff commuting and working from home survey was undertaken in autumn 2024. The findings of this study have been used to form the baseline data for the 2023-2024 emissions.

EMISSIONS		TOTAL (tCO ₂ e)	TOTAL (tCO ₂ e/ person)
Scope 1	Gas/Oil	15.90	0.47
Scope 2	Electricity	5.53	0.16
Scope 3	Business Travel	5.90	0.17
	Employee Commuting	12.90	0.38
	Employee Work From Home	2.46	0.07
	Waste Generated in Operations	0.10	0.00
	Upstream Transportation and Distribution	0.00	0.00
	Downstream Transportation and Distribution	0.00	0.00
TOTAL EMISSIONS		42.78	1.26



Emission Reduction Targets

We project that the practice's total carbon emissions will **decrease over the next five years to approximately 32.1 tCO₂e**. This equates to a reduction in emissions by 1/4.

We hope to achieve these reductions through the following measures:

- Replacement of kitchen appliances with more energy efficient models.
- Explore opportunities for efficient carbon offsetting to carbon intensive air-travel.
- Improve awareness amongst staff regarding the emissions impact of various personal decision making surrounding commuter transport and home working practices.
- Advocate to property landlord for improvements to building thermal fabric performance.
- Advocate to property landlord for adoption of renewable energy systems including PVs and replacement of high emission Oil/Gas heating system to communal areas.

Changes already made since the reporting period which we anticipate having a positive impact include:

- Replacement of IT servers.

Over the next five years Níall McLaughlin Architects anticipate there to be an increase in the requirement for short-haul and long-haul air-travel to service the needs of a growing international project portfolio. To mitigate the impact of this, Níall McLaughlin Architects will look to maximise opportunities for hosting meetings remotely, effectively utilise local partner practices and explore efficient and carbon offsetting schemes.



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

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.

This Carbon Reduction Plan has been reviewed and signed off by Niall McLaughlin.

