



**Newton Consulting Ltd**

**Carbon Reduction Plan**

<b>Newton Carbon Reduction Plan</b>						<b>Department:</b>	Assurance	
<b>Owner:</b>	Fred Church	<b>Status:</b>	Issues	<b>Revision:</b>	2.0	<b>Page 2 of 17</b>	<b>Date Issued:</b>	23/12/2014

## 1 DOCUMENT CONTROL HISTORY

VERSION	DATE CREATED	OWNER	APPROVED BY	DESCRIPTION
1.0	29/09/2021	Chris Barton	Tom Wedgwood	Initial publication
1.1	01/09/2022	Chris Barton	Tom Wedgwood	Reviewed and updated
1.2	24/03/2023	Chris Barton	Tom Wedgwood	Reviewed and updated
2.0	23/12/2024	Fred Church	Steve Dyde	Plan refreshed, including ESOS findings and recommendations





# 01

## Commitment

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## COMMITMENT TO ACHIEVING NET ZERO CARBON

Climate Change is the world's biggest threat to health today - the more we act on it today, the more we can avoid the worst impacts of Climate Change in the future. Newton is dedicated to reducing carbon emissions produced because of the work it does, either directly or indirectly.

At the core of Newton's unique approach is our commitment to partnering with our clients, forming joint teams at a client's place of work. This necessitates travel to and from client sites, with our consultants accommodated close to their client's place of work whilst on project. The combination of travel and accommodation is the most significant sources of our carbon emissions.

We have a clear understanding of our carbon footprint, which along with benchmarking of competitors, our ISO 14001 certification, and our compliance with the Streamlined Energy and Carbon Reporting (SECR) and the Energy Savings Opportunity Scheme (ESOS) has informed this Carbon Reduction Plan. Our passion to improve our environmental impact has driven the creation of this plan and we have committed to this for all future consulting work within the UK. We are working to reduce all of our emissions to a minimum level consistent with our operational ethos, whilst finding an efficient and effective ways of offsetting the remaining emissions.

Newton Consulting is committed to achieving Net Zero emissions by 2040 for its UK operations.





# 02

## **Baseline Emissions Footprint**

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## BASELINE EMISSIONS FOOTPRINT

Baseline Emissions are a record of the greenhouses gases that have been produced historically. For our baseline, we currently use 2021 which was prior to the introduction of a formal emission reduction strategy. This baseline is a reference point, against which emissions reductions can be measured.

<b>Baseline Year: 2021</b>													
<b>Additional Details relating to the Baseline Emissions calculations.</b>													
<p>Baseline emissions were calculated using a combination of expenses data, external research/consultation and internal operating estimates. These were adjusted for the effects of the Covid-19 pandemic on travel, which is a major driver of our emissions.</p> <p>Emissions are also shown on a 'per full time employee (FTE)' basis, as headcount acts as a multiplier of emissions for Newton and headcount is expected to follow a similar high growth rate to previous years during the next 5-10 years. Newton's average FTE for 2021 was 445.</p>													
<b>Baseline Year Emissions: 2,155 Tonnes CO2 (4.84 Tonnes per FTE)</b>													
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>												
<b>Scope 1</b>	<b>181 Tonnes (0.41 Tonnes per FTE)</b> – ICE vehicles (main driver)												
<b>Scope 2</b>	<b>34 Tonnes (0.08 Tonnes per FTE)</b> – Head Office Water, Heat and Power (main driver), Electric Car Emissions												
<b>Scope 3 (Including Sources)</b>	<b>1,940 Tonnes (4.36 Tonnes per FTE)</b> – Hotels, Trains, Air Travel, Food, Taxis, Head Office Commuting												
	<table border="1"> <thead> <tr> <th>Scope 3 Category</th> <th>Sub-Category</th> <th>Emissions (Tonnes CO<sub>2</sub>)</th> </tr> </thead> <tbody> <tr> <td>Upstream Transport &amp; Distribution</td> <td></td> <td>Negligible. Fleet lifecycle emissions covered in Business Travel Section.</td> </tr> <tr> <td>Waste generation in operations</td> <td>Head Office Waste</td> <td>2</td> </tr> <tr> <td>Business Travel</td> <td>Consultant Travel</td> <td>Public Transport – 224 Flights – 163 Taxi – 33</td> </tr> </tbody> </table>	Scope 3 Category	Sub-Category	Emissions (Tonnes CO <sub>2</sub> )	Upstream Transport & Distribution		Negligible. Fleet lifecycle emissions covered in Business Travel Section.	Waste generation in operations	Head Office Waste	2	Business Travel	Consultant Travel	Public Transport – 224 Flights – 163 Taxi – 33
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		Accommodation	On Site – 909 Conferences – 130
		Food while travelling	169
	Assets		306
	Employee Commuting	Head Office Commuting	3.5
	Downstream transportation & distribution		0 – Professional services company means that emissions due to transportation and distribution of physical products are negligible in contrast to other areas.
	<b>Total</b>		<b>1940 Tonnes (4.84 Tonnes per FTE)</b>





# 03

## Current Emissions Report



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## CURRENT EMISSIONS REPORT - 2023

<b>Reporting Year: 2023</b>																								
Newton's average FTE for 2023 was 647.																								
<b>Reporting Year Emissions: 2,284 Tonnes CO2 (3.53 Tonnes per FTE)</b>																								
6% overall increase on baseline; 30% reduction per FTE.																								
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>																							
<b>Scope 1</b>	<b>270 Tonnes (0.42 Tonnes per FTE)</b> 49% overall increase on baseline; 2% increase per FTE. Reduced number of ICE vehicles on Newton's fleet, countered by greater mileage (more clients/larger teams at distant locations)																							
<b>Scope 2</b>	<b>33 Tonnes (0.05 Tonnes Per FTE)</b> 3% overall reduction on baseline; 37% reduction per FTE. More efficient Head Office heat and power.																							
<b>Scope 3 (Including Sources)</b>	<b>1,981 Tonnes (3.06 Tonnes per FTE)</b> – Hotels, Car Embedded Emissions, Trains, Air Travel, Food, Taxis, Head Office Commuting 2% overall increase on baseline; 30% reduction per FTE. Greater clarity on upstream sources and assets; increased use of public transport; better accommodation choices.																							
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	Assets	Laptops	104
	Employee Commuting	Head Office Commuting (same figure as 2021 – Head Office occupancy unchanged)	3.5
	Downstream transportation & distribution		0 – Professional services company means that emissions due to transportation and distribution of physical products are negligible in contrast to other areas.
	<b>Total</b>		<b>1981 Tonnes (3.06 Tonnes per FTE)</b>



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# 04

## Emissions Reduction Targets



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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:

Our overall carbon emissions will remain constant over the next 5 years

Our carbon emissions per FTE will reduce to 3.0 tCO<sub>2</sub>e by 2030, a reduction of 15%.

Between 2030 and 2040, we plan to reach a net zero carbon position through a combination of technical solutions, increased use of renewables, changes in working practices, and carbon offsetting.





# 05

## Carbon Reduction Projects



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## CARBON REDUCTION PROJECTS

### 5.1 Completed Carbon Reduction Initiatives

The following environmental management measures and projects had been completed or implemented before the 2021 baseline. Future reductions in emissions will be recorded as a percentage against the 2021 baseline.

#### Driving

Newton first introduced electric and hybrid cars into its fleet in 2020 and we have fitted EV charging points at our Head Office.

#### ISO 14001, ESOS and SECR Compliance

Newton was first certified to ISO 14001 in June 2014, and has maintained certification ever since. This certification, along with our internal audit program, looks at our internal processes to continually improve our environmental impact. Newton submitted its ESOS Phase 3 sign-off in June 2024 and is implementing the ESOS recommendations as part of our Carbon Reduction Plan. We also comply with SECR regulation each financial year, recording progress in our annual report.

#### Energy

In June 2021, Newton switched its main Head Office building to a 100% renewable energy supplier and also replaced all the fluorescent lights in the building with LEDs. We have also installed auto-shutoff LED lights in areas that are not frequently in use.

#### Environment Team

We formed an employee-run Environment team in 2019. The team works in 3 areas: suggesting improvements to Newton's environmental performance, spreading the environmental message to employees, and capturing the environmental benefits that our client projects are delivering. The team works closely with Newton's management to drive and sustain environmental progress.

#### Commuting

We encourage our staff to commute by bike through our Cycle to Work, and our hybrid work policy at the Head Office further helps us minimise unnecessary travel.

#### Supplier Management

Newton's follows an ethical procurement process that includes examining a potential supplier's commitment to sustainability and adherence to environmental law and best practice, including any certification or other credentials.



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## 5.2 Future Carbon Reduction Initiatives

### Accommodation

Accommodation is the largest driver of emissions for the company. Because working on the client site is a key factor in our offering, we are looking to move to lower carbon-intensity accommodation (e.g. shared accommodation, eco hotel chains) where possible in the next 5 years.

### Travel

Travel is another major component of emissions for the Newton. We are looking at using more electric vehicles (within the constraints of distance to client sites and charging facilities), reducing air travel and encouraging public transport in the place of fossil fuel car travel.

We are switching the vehicle fleet to include a majority of plug-in hybrids and electric vehicles. We now have only 3 diesel vehicles on the fleet.

Fuel Type	2021 mileage	2023 mileage
Diesel	80%	54%
Petrol	14%	17%
Plug in Hybrid Petrol	4%	19%
Electric	2%	10%

We will also be implementing our ESOS driving recommendations during 2025. These include improving our monitoring, targeting and reporting system; formalising driver feedback and fuel efficiency advice, and improving our transport policy and driver training.

### Energy

We plan to replicate the improvements made in Building 2 (renewable energy and LED lighting) to our other Head Office building during 2025/26. Additionally, we will implement the other ESOS energy recommendations: a nighttime shut down audit to confirm our minimum energy usage, lux-level sensors for areas with good natural light, and further energy efficiency monitoring and targeting.

### Supplier Management

We will increase the extent and level of our supplier checks during 2025, looking more deeply at their commitments and actions to support carbon reduction.

### Offsetting

Recognising that our operations are likely to always result in some carbon production, we aim to reduce our carbon level to the irreducible minimum consistent with our operational ethos and offset the remaining emissions to reach net-zero carbon. We are investigating a mix of technology, land-based, biodiversity, and socio-economic offsetting projects, alongside the purchase of carbon credits. We aim to make a decision on our offsetting plans during 2025.





# 06

## Declaration and Sign-off





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## 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 on behalf of the members of Newton Consulting Limited, registered number 04279175. The plan undergoes annual review.

*Steve Dyde*

S D Dyde

Chief Operating Officer and Company Secretary

**Date:** 23/12/2024

