

Donald Insall Associates

NET-ZERO

STRATEGY

2024

MAKING BETTER: THE INSALL APPROACH TO NET-ZERO

The progress report on the UK Net-Zero Whole Life Carbon Roadmap, developed by the UK Green Building Council (UKGBC) and published in December 2023, revealed that carbon emissions from the UK built environment fell by 13% between 2018 and 2022, significantly less than the 19% required to meet the UK's net-zero pathway. As an organisation operating within the built environment sector, our practice is very much a part of this picture.

Our mantra of seeking to not only 'make good', but 'make better', must encapsulate the work we undertake alongside how we operate.



DONALD INSALL ASSOCIATES

As an employee-owned practice, we have taken a collaborative approach to developing an updated practice philosophy in 2019, which sought to build on Sir Donald Insall's founding principles. It says:

We have signed the UK Architects Declare Climate and Biodiversity Emergency statement and are committed to 'meeting the needs of our society without breaching the Earth's ecological boundaries.'

This net-zero roadmap is a continuation of our commitment to ensure 'that every place be truly more itself' in a way that minimises the carbon impact of our work.

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STRATEGY STATEMENT

At Donald Insall Associates, we embrace our role as custodians of the built environment and champions of sustainability.

Recognising the critical importance of environmental stewardship, our strategy centres on integrating conservation and architectural design with a forward-thinking approach to mitigate our ecological footprint. Our commitment extends beyond preservation; it encompasses a dedication to sustainable practices, responsible resource management, and innovative solutions that safeguard our planet for future generations.

This strategy report outlines our mission to lead by example, inspire change, and communicate our dedication to mitigating our ecological footprint.

Values that will be core to our strategy include:

01 COLLABORATION

We will actively seek collaboration beyond our organisation, fostering connections and partnerships to drive meaningful change and innovation.

02 DIVERSITY

Embracing diversity and inclusivity within our team enables us to cultivate a culture of innovation and creativity, driving the development of sustainable solutions that address the complex challenges of climate change.

03 SUPPORT

Each team member is empowered to excel in their unique strengths, taking ownership of their expertise and contributing confidently to our collective success.

OUR BUSINESS AT A GLANCE

Donald Insall Associates has pioneered a creative approach to architectural conservation for over 65 years.

A 140-strong practice of both architects and heritage consultants based across nine studios, it has led nationally significant projects including the ongoing repair works at the Palace of Westminster, the restoration of Temperate House at Royal Botanical Gardens, Kew, and the community-led revitalisation of Cleveland Pools which won a Europa Nostra Award in 2023.



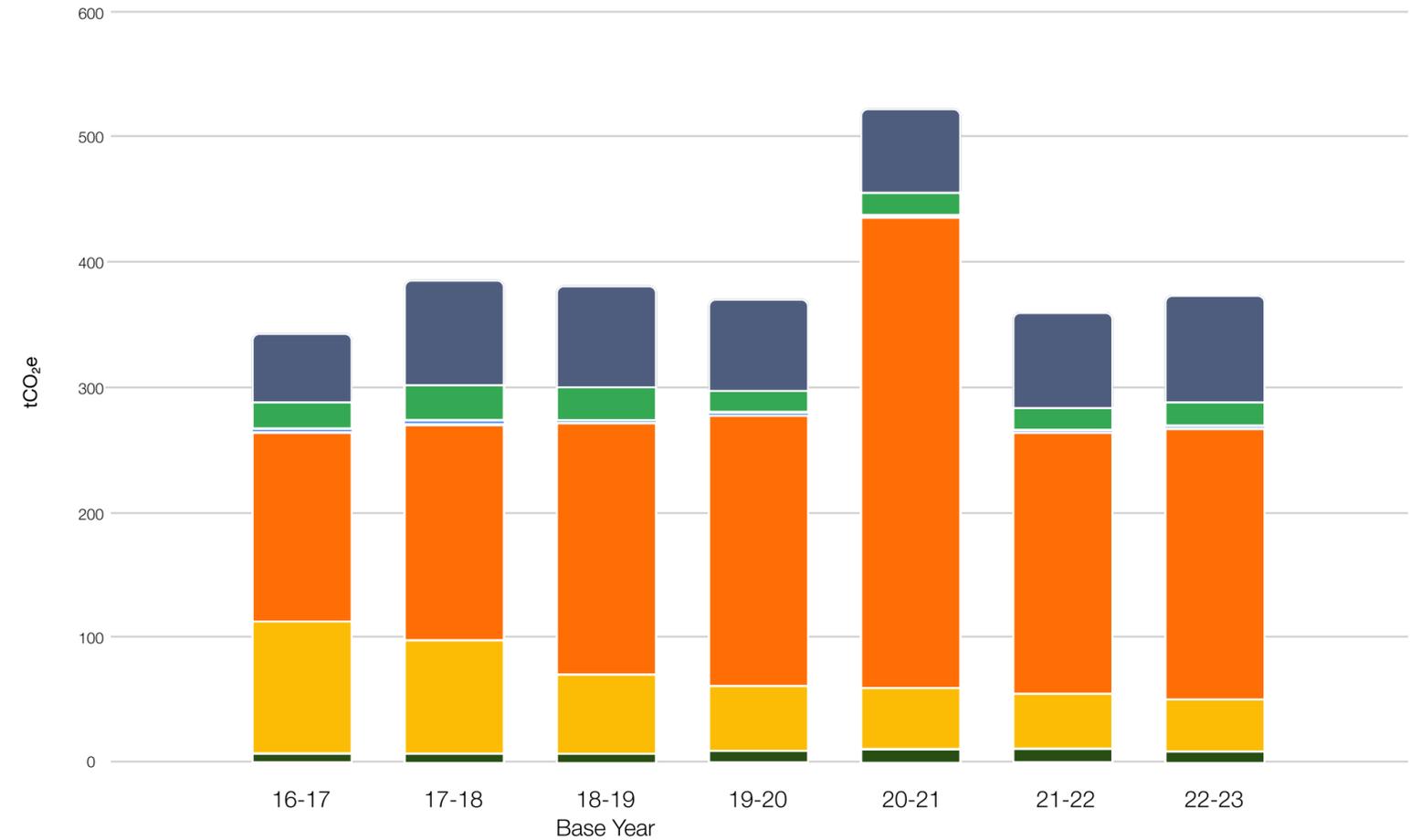
PRESERVING HERITAGE,
SHAPING SUSTAINABLE
ARCHITECTURAL EXCELLENCE

CARBON FOOTPRINT

Donald Insall has measured its carbon footprint from the 2016-2017 financial year. These measurements will provide the necessary foundation for designing and implementing effective decarbonisation strategies. 2018-2019 represents our base year, the year to which all progress to decarbonise will be assessed.

We expanded our organisation boundary in 2022-23 to include Scope 3 Categories 1, 5, 6 and 7. Given the availability of data from previous years, Donald Insall decided to expand historical boundaries in order to build a more accurate representation of our emissions over time.

Our calculation approach follows the GHG Protocol Corporate Carbon Accounting Standard and ISO 14064-1. We've accounted for >98% of emissions generated by Donald Insall.



Key (tCO₂e)

- Scope 1: Gas
- Scope 3:5 Waste
- Scope 2: Purchased Electricity
- Scope 3:6 Business Travel
- Scope 3:1 Purchased Goods & Services
- Scope 3:7 Employee Commute incl. WFH

Since 2016-2017 Donald Insall has reduced Scope 1 and 2 emissions by 53%. Reductions in emissions have also been realised in waste, and business travel.

Between the 16-17 and 22-23 periods, the greatest source of emissions were from scope 3, purchased goods and services (Category 1), representing 58% of the overall emissions profile in 22-23. Employee Commuting, including homeworking emissions (Category 7), was also a significant source of carbon, contributing 85.63 tCO₂e in the most recent reporting period.

This report marks the first in-depth assessment of Scope 3 emission sources, against which targeted recommendations for their reduction will be actioned.

Carbon footprint by scope and emission source tCO₂e

SCOPE	22-23%	CATEGORY	16-17	17-18	18-19	19-20	20-21	21-22	22-23
Scope 01	3%	Direct emissions from natural gas	8.76	9.34	9.47	10.3	12.22	11.68	10.86
	0%	Fugitive emissions	0	0	0	0	0	0	0
	3%		8.76	9.34	9.47	10.3	12.22	11.68	10.86
Scope 02	11%	Electricity (location-based)	104.74	89.99	63.35	52.11	49.08	44.29	41.97
	11%		104.74	89.99	63.35	52.11	49.08	44.29	41.97
Scope 03	58%	Purchased goods and services	150.28	170.05	198.99	213.95	370.38	206.3	219.68
	0%	Capital goods	0	0	0	0	0	0	0
	0%	Fuel and energy related activities	0	0	0	0	0	0	0
	0%	Upstream T&D	0	0	0	0	0	0	0
	<1%	Waste	3.03	2.66	2.47	2.35	2.02	1.89	1.97
	5%	Business travel	21.7	28.65	27.16	17.65	18.56	18.33	19.21
	23%	Employee commuting	55.76	83.95	80.95	73.92	66.86	76.06	85.63
	0%	Upstream leased assets	0	0	0	0	0	0	0
	0%	Downstream T&D	0	0	0	0	0	0	0
	0%	Processing of sold products	0	0	0	0	0	0	0
	0%	Use of sold products	0	0	0	0	0	0	0
	0%	End of life treatment of sold products	0	0	0	0	0	0	0
	0%	Downstream leased assets	0	0	0	0	0	0	0
	0%	Franchises	0	0	0	0	0	0	0
0%	Investments	0	0	0	0	0	0	0	
	86%		230.77	285.31	309.57	307.87	457.82	302.58	326.49
Total (location-based)	100%		344.27	384.64	382.39	370.28	519.12	358.55	379.32

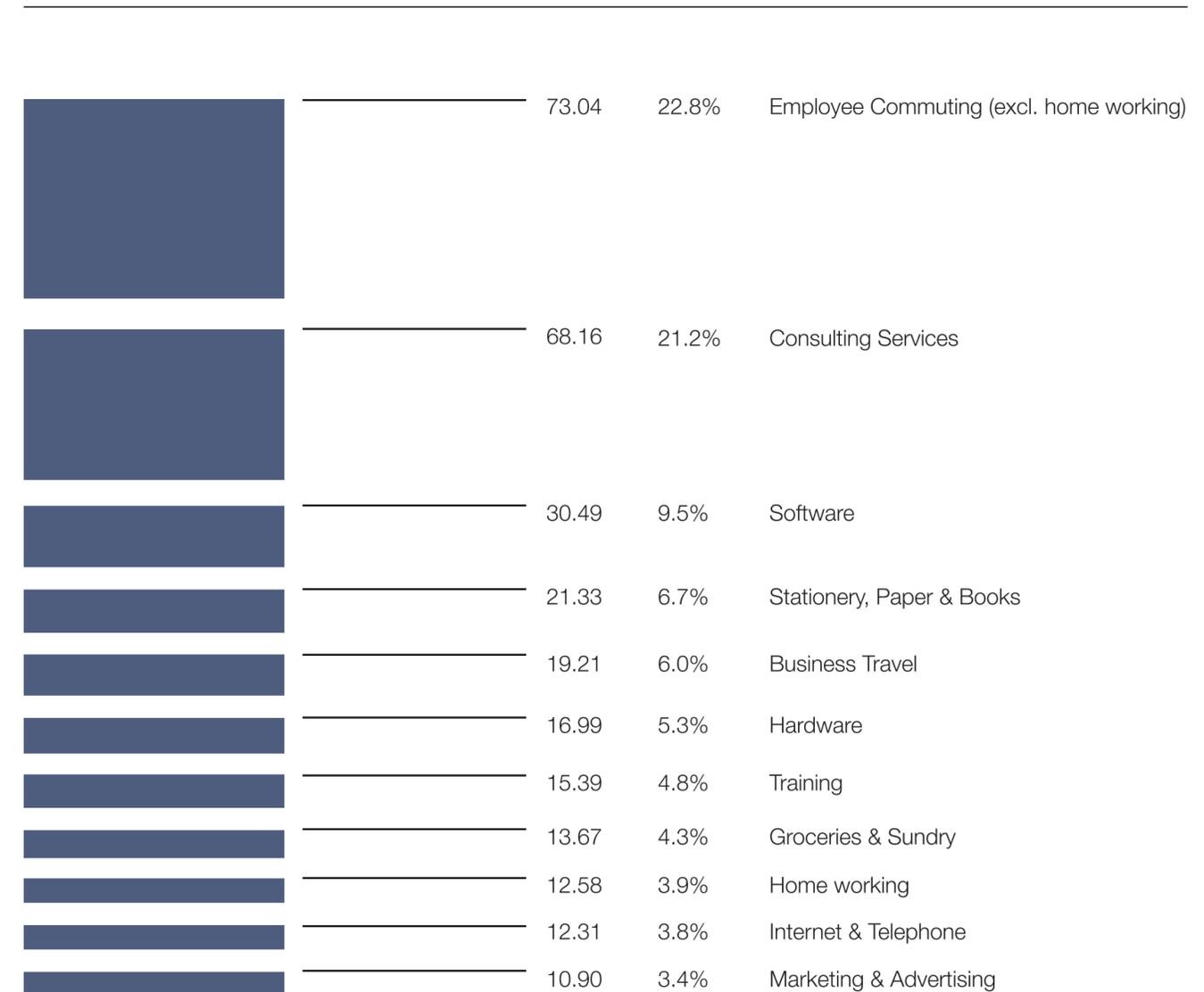
Base Year

SCOPE 3 HOTSPOTS

86% of Donald Insall’s 22-23 emissions fall within scope 3. Breaking down our Scope 3 categories further allows us to identify specific hotspots for reduction.

A majority of Donald Insall’s 22-23 emissions are associated with the the trips our employees take to and from the office, at 73.04 tCO_{2e}. This was closely followed by emissions associated with the procurement of consulting services, which accounted for 21.23% of Donald Insall’s emissions profile in the period.

Scope 3 hotspots by category 22-23 (tCO_{2e})



SCIENCE-BASED TARGETS

Establishing a credible carbon target is key. At Donald Insall, we strongly advocate for setting targets in line with climate science to ensure our reduction commitments are effective.

We have established an ambitious science-based goal aimed at aligning our yearly carbon emissions with a 1.5-degree world. This target is reflective of the global effort needed to curb the harmful increase in GHG emissions. We are steadfast in our carbon commitments, and aligning with SBTi guarantees the formulation of strong, credible targets that adhere closely to climate science principles.

Our target

OBJECTIVES

To reduce our climate impact, Donald Insall will set near-term and net-zero targets that are validated by the Science Based Targets initiative (SBTi).

NEAR-TERM TARGET

Donald Insall commits to reducing Scope 1 and Scope 2 emissions at least 42% by 2030 and to measure and reduce our scope 3 emissions.

NET-ZERO TARGET

Donald Insall is committing to continue measuring and increase the accuracy of our scope 3 emissions. In line with the SBTi streamlined guidance for SME's we will aim to reduce our Scope 3 emissions at least 90% by 2045 from a 2018-19 base year.

INVESTING IN HERITAGE

PIONEERING SUSTAINABILITY

REDUCING OUR IMPACT

AREAS OF IMPACT

Donald Insall is dedicated to pursuing sustainability by actively pinpointing and mitigating emissions hotspots throughout our entire value chain. Our impact areas will strive to champion reduction commitments internally and through our entire business ecosystem.

We have carefully assessed the ‘hotspots’ within our historical carbon calculations and most recent reporting period to determine where the business can perform more efficiently in terms of carbon emissions.

Impact areas and actions

IMPACT AREAS	REF	ACTIONS	IMPACT
01 Buildings	BU1	Efficient Buildings	High
	BU2	Renewable Energy Procurement	High
	BU3	Building Systems	Medium
02 Core Business	CB1	Business Travel	Medium
	CB2	Office Waste	Low
03 Suppliers	SU1	Supplier Assessment	High
	SU2	Sustainable Procurement	High
04 Employees	EM1	Employee Commuting	Medium
	EM2	Staff Energy	Low
	EM3	Staff Training	Medium
05 Projects	PR1	Project Carbon Assessments	Medium
06 Offsets	OF1	Offset procurement	Medium

01 BUILDINGS

BU1 Efficient Buildings	Donald Insall will decrease the energy needs of our buildings by considering efficiency metrics across new and existing offices. We will approach retrofitting at all of its offices as if they were a new job. Environmental Checklists for all offices are underway, informing a retrofit strategy for each location.	High
BU2 Office Energy	Four of our locations will be switching to a 100% renewable tariff in 2024, reducing market-based Scope 2 emissions by 80%. The remainder of our leased locations will aim to procure energy through a 100% renewable tariff by 2030.	High
BU3 Building Systems	Donald Insall will ensure that the energy and heating systems present in our offices are as efficient as possible, reducing our energy consumption overall.	Medium

02 CORE BUSINESS

CB1 Business Travel	We will reduce our business travel emissions at least 90% by 2045 by reducing the reliance on cars powered by fossil fuels through incentivising renewable transport modes, implementing a salary sacrifice scheme for electric vehicles, and reducing the volume of trips overall. Improving the quality of data used to track business travel will facilitate these improvements.	Medium
CB2 Office Waste	Donald Insall will reassess and improve our waste policy to ensure our practices are minimising the environmental impact of waste as much as possible.	Low

03 SUPPLIERS

SU1 Supplier Assessment	Donald Insall will undertake an assessment of all core suppliers to understand their carbon impact and improve carbon accountancy	High
SU2 Sustainable Procurement	Donald Insall will implement a procurement policy which requires our core supplies to match or exceed our net-zero commitments.	High

04 EMPLOYEES

EM1 Employee Commuting	We will implement an extensive commute policy that incentivises low-impact transport modes where possible, through salary sacrifice schemes and greater accessibility across our sites.	High
EM2 Home Energy	Donald Insall will reduce emissions associated with by supporting staff to switch to renewable tariffs, and tracking those who procure energy through 100% renewable means.	Medium
EM3 Staff Training	We will continue to ensure all staff have the necessary resources and support to make sustainable decisions in their professional time.	Medium

05 PROJECTS

OF1 Project Carbon	Donald Insall will continue to implement Whole life Carbon Assessment capabilities to understand and mitigate carbon in Donald Insall's projects.	Medium
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06 OFFSETS

OF1 Offset Procurement	From the 22-23 reporting period, Donald Insall will offset our operational Scope 1 and 2 emissions through the procurement of high-quality, removal carbon credits. Donald Insall achieved verified Scope 1 and 2 carbon neutrality in line with PAS 2060 requirements in the 2022-23 financial year.	Medium
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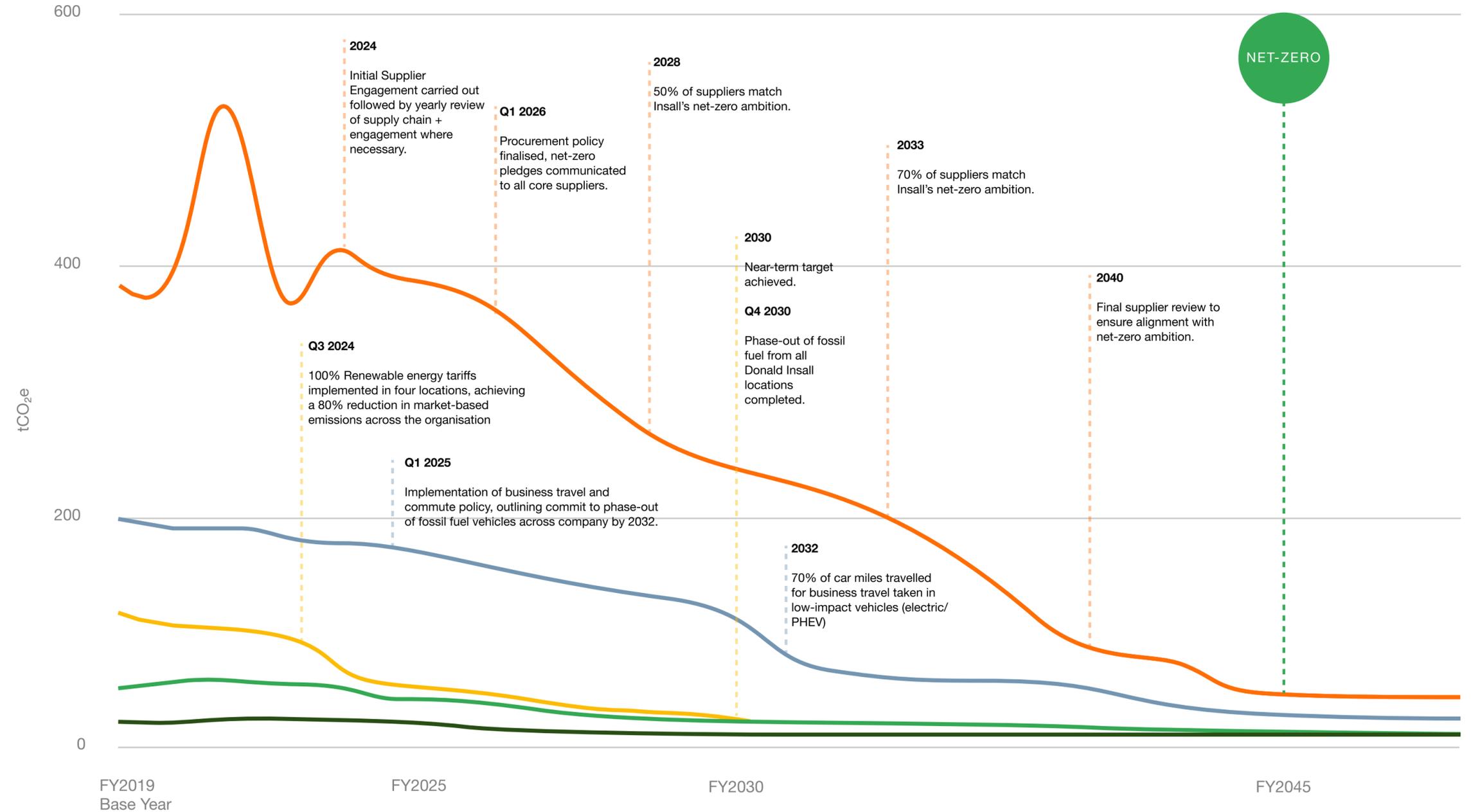
NET-ZERO PATHWAY

This is what our annual core emission hotspots will look like on the way to our 2045 net-zero target.

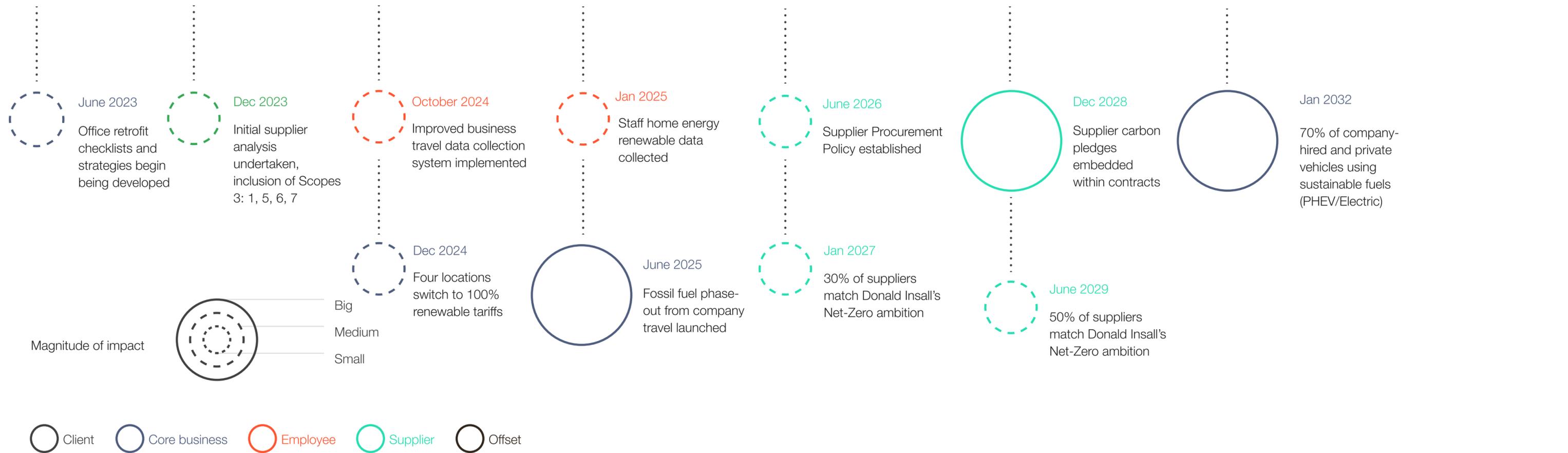
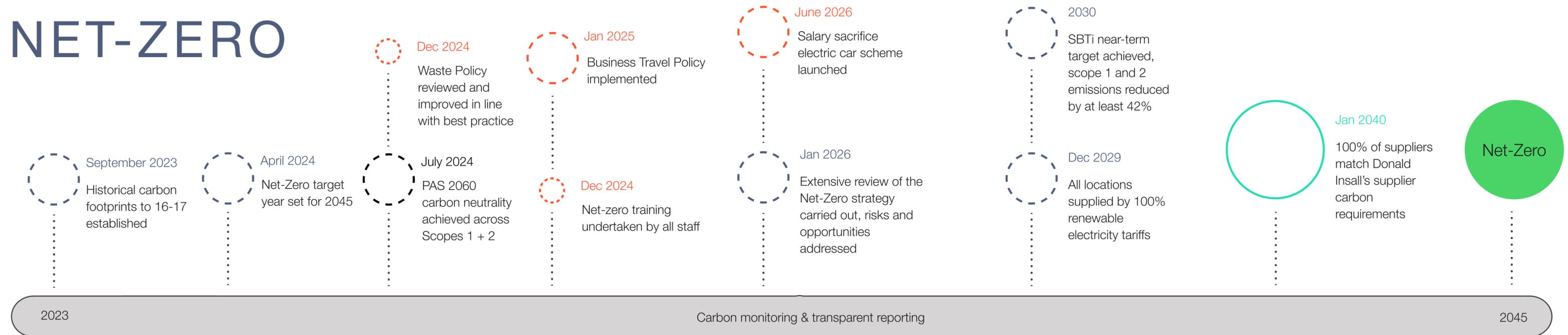
Major milestones on our reduction pathway are highlighted.

Key

- Purchased Goods & Services
- Employee Commuting
- Electricity
- Business Travel
- Gas



DELIVERING NET-ZERO



DELIVERING DECARBONISATION

We will provide yearly assurance on our progress.

We're all about driving results through robust governance. We're committed to weaving accountability into every component of our strategy, because we know it's the key to making serious strides in carbon reduction.

01 MONITORING

At Insall, keeping tabs on our carbon footprint is crucial for steering towards our net-zero goals. Each year, you can count on us to measure, report, and double-check our emissions data without fail.

02 ASSURANCE

We take the integrity of our carbon measurements seriously. That's why each year, we'll internally quality-assure and verify our data against the gold standard of ISO 14064-1. With oversight from our c-suite and sign-off from the CEO, you can trust that our tracking is transparent, credible, and rock-solid reliable.

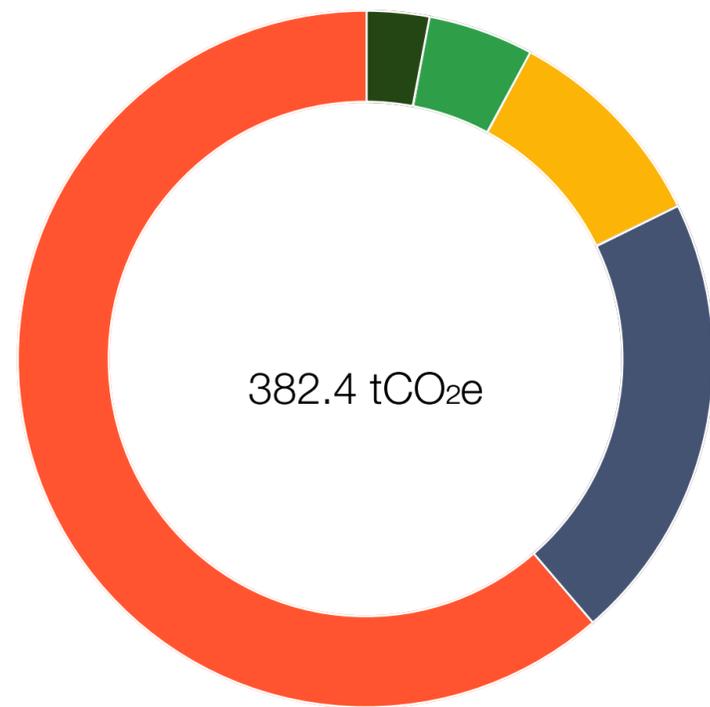
03 REVIEW & IMPROVE

At Donald Insall, we embrace the evolution of our strategy over time. As we roll out and refine our net-zero approach, we're all about continual improvement. That's why every three years, we're committed to:

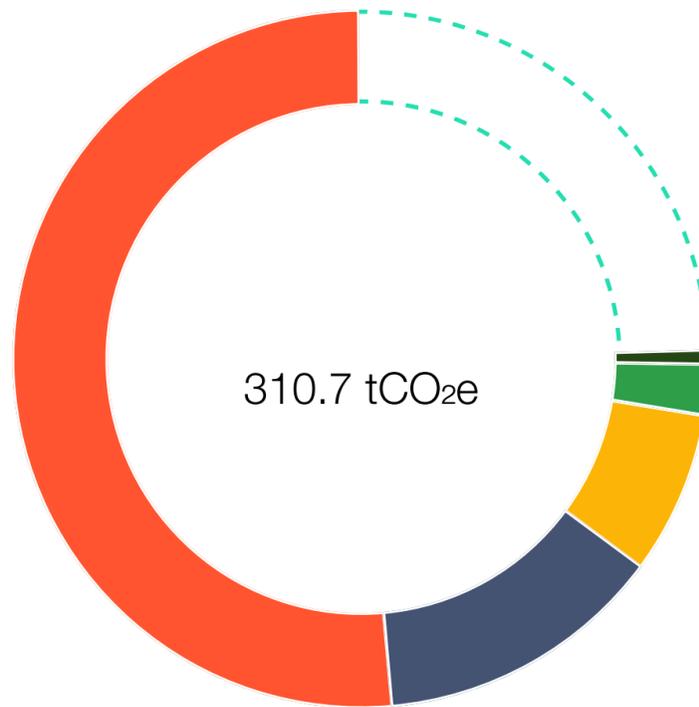
- Revise targets against delivery
- Identify and mitigate data gaps
- Update our strategy

HOW DO WE GET TO NET-ZERO?

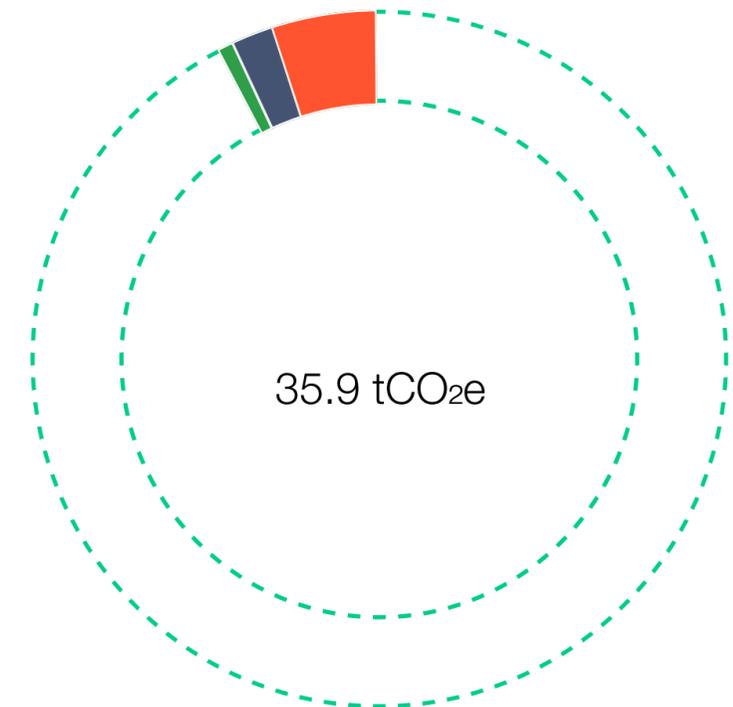
At Donald Insall, our commitment to net-zero is as ambitious as our business. As we expand, our focus remains steadfast on reducing carbon emissions in key areas.



BASELINE



2030



2045

Key





THE FINAL SAY

Robin Dhar
Chairman

I am heartened to see the conversation around the reuse of existing buildings gaining momentum over the past few years. The heritage sector has a significant role to play in decarbonising the built environment, and I am looking forward to our practice continuing to engage with clients and other professionals about creatively conserving and adapting our built heritage while minimising both embodied and operational carbon emissions.

We believe that conservation and sustainability go hand-in-hand when sensitively carried out.

WE WILL:

- REVISE TARGETS
AGAINST DELIVERY
 - IDENTIFY & MITIGATE
DATA GAPS
- UPDATE OUR STRATEGY

Donald Insall Associates

Contact

Nick Hunter
Practice Director for Sustainability
nick.hunter@insall-architects.co.uk



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