



Net Zero Plan



Status	Version	Author	Date	Changes
Live	1	Ross Dickinson/Jill Notman	12/09/24	
E&OE				

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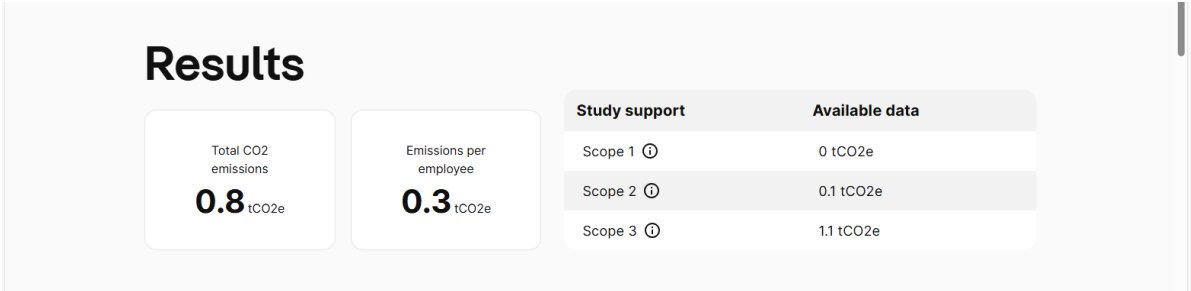
This Net Zero Plan (NZ Plan) sets out our strategy for action, and a roadmap for progress to achieve net zero by 2030. Reducing greenhouse gas (GHG) emissions is not just about our commitment to reduce the effects of climate change but it is also about identifying and achieving financial savings through improved efficiency. In turn this will increase our resilience and help to grow our business sustainably.

Our baseline emissions were calculated to be 0.8 tonnes of carbon dioxide equivalent (tCO₂e) for the year 2024 and covered all our scope 1 emissions (gas and vehicle fleet), all scope 2 emissions and the following scope 3 emissions: water and wastewater, waste disposal, business travel & employee commuting]. Our scope 1 emissions accounted for 0%, scope 2 accounted for 10.5% and our included scope 3 accounted for 89.5%.

Based on this we have set a near-term target to reduce our total annual GHG emissions by 0.16 tCO₂e by the end of financial year 2025, which will keep us on track to achieve our long-term target of reaching net zero by 2030.

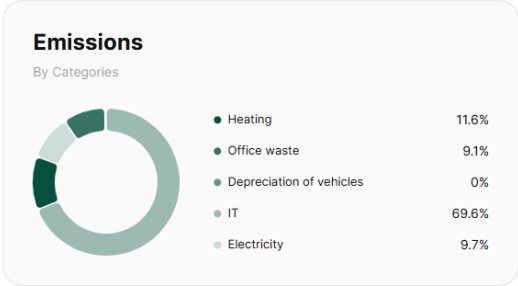
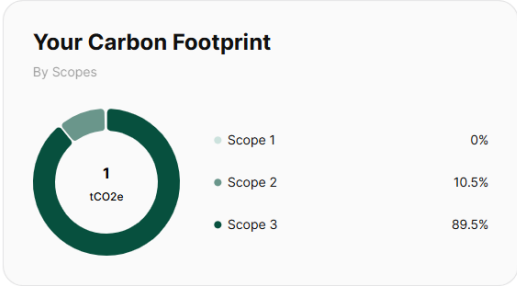
By 2025, we will have reduced our GHG emissions by 0.16 tonnes CO₂e. against a 2024 baseline.

The following graphs detail our baseline carbon footprint.



YOUR RESULTS

Your Company GHG Disclosure



Reductions will be achieved through a range of near-term and long-term actions. In line with SBTi, near term targets outline what we will do now and over the next 5-10 years to reduce emissions. We will aim, wherever possible, to detail the carbon savings and financial savings from all our actions.

The project lead for this Net Zero Plan is Ross Dickinson (CEO / FOUNDER) / Jill Notman (COO). The plan is viewed as a 'live' document. We commit to reviewing our progress on an annual basis and tracking annual updates as part of our ISO 9001 processes.

Foreword

Our organisation has a strong commitment to a Net Zero future.

Based in Scotland, founded by a Trade Professional, and supported by Industry leaders that help to design and develop innovative, reusable pipe repair and maintenance solutions. Leaders who share our vision of a sustainable, Net Zero future.

Regarding our products and their positive nature and impact on the environment. Asset integrity is a key challenge, as well as leaks, weeps and fugitive emissions. Also, very expensive downtime and down tools time is always a problem. Anything that can reduce or eliminate this is extremely valuable for a net zero future. Both Kibosh Industrial Rapid Repair Clamp and High Efficiency Pipe Freezing System are game changing solutions, both having strong ESG credentials and being reusable, bolster the circular economy.

As an **ISO 9001** business, we have robust due processes which we follow, including environmental and ethical sourcing policies.

Introduction

Background to the Organisation

We are a Scottish Borders based, UK company with a global business. Founded by fully qualified, time-served plumbing & heating engineer, Ross Dickinson who is driven by a passion for developing simple solutions to pipe repair and pipeline sector related problems.

Our signature product is the Kibosh Rapid Emergency Pipe Repair and we have launched the Kibosh FASTFREEZE™ pipe freezing range.

We are also now in the final development of our industrial pipe repair clamps and high efficiency pipe freeze clamps, partnered with The Net Zero Technology Centre (NZTC), The University of Strathclyde's, National Manufacturing Institute Scotland (NMIS), as well as world renowned industry partners Harbour Energy, Total, and Hydratight.

We have 1 office / warehouse building, located in the Scottish borders, where our employees (3 FT), work from daily (Mon-Fri). The business does not have a fleet of company cars and travel is minimum (for meetings or exhibitions – but rare). Board meetings with directors and observers are held online monthly, to avoid travel and expenses. The site has a carpark where employees can park their own cars. The building is owned by Scottish Borders Council and the surrounding area is maintained by them (landscape etc).

Plan Structure

This Net Zero Plan details our strategy for reducing GHG emissions over the next five years and sets out a clear timetable, as well as identifying the responsibilities and internal resources required to deliver the plan. The main objectives of the plan are:

- To adopt net zero as a key objective company wide and embed emissions reduction into our organisation's culture.
- To adopt targets for the measurable reduction of GHG emissions and to deliver these reductions.

To ensure that there is effective and ongoing ownership of our net zero strategy, it is important to define a governance structure. The plan will be reviewed and updated on the organisation's environmental performance on an annual basis.

The plan contains the following sections:

Emissions Baseline and Data Sources discusses our baseline carbon footprint, including the organisation and operational boundaries that have been applied as well as the data that was used.

Emission Reduction Projects outlines the carbon reduction projects currently implemented, our targets and our future actions.

Target Setting details our interim and final net zero target.

Management and Delivery of the Net Zero Plan defines the management structure in place to ensure the plan's success.

Progress Reporting outlines how the net zero progress will be monitored, measured and communicated both internally and externally.

Emissions Baseline and Data Sources

Carbon Footprint Baseline

Our overall carbon footprint for the baseline year of 2024 was 0.8 tonnesCO₂e.

IT constitutes the highest portion of our carbon footprint at 69.9% with Heating (11.6%) and Electricity (9.7%) representing the two next largest contributors.

Scope and Boundaries of the Carbon Footprint

The resources to be included in a carbon footprint are defined in relation to operational boundary.

Operational Boundary

The operational boundary sets out the emissions sources to be included in the footprint. Our operational boundary is shown in table 1 below.

In keeping with the Greenhouse Gas Protocol¹ (WRI 2004), our operational boundary includes all Scope 1, Scope 2 & Scope 3 emissions.

Table 1 - operational boundary

Scope 1	0% (Gas (0) Company Fleet (0))
Scope 2	10.5% (Electricity, Heating)
Scope 3	89.5% Office Waste Water supply & wastewater Employee commuting Business Travel IT

Data Sources

The data sources used in our baseline emissions are based on a mixture of consumption and spend data. The main streams of data input are as follow

Table 1

Data	Source	Units
Electricity	data provided by supplier on a monthly basis	334.23 kWh 20.76 per kWh
Water	annual summary of usage provided by supplier. Wastewater is calculated at 95% of our usage.	20.23m ³
Waste	Annual breakdown of waste sent to landfill and recycling provided by waste contractor monthly (recycling segregated into material type).	General waste 250Kg Recycling Waste 250Kg (per year)
Business Travel	employees are asked to calculate mileage when submitting expenses (annual)	3,500 miles
IT	Desktops / Laptops / screens provided to employees	No. of devices

Emission Reduction Projects

We are committed to identifying and implementing emissions reduction projects to achieve our net zero target. In this section, we set out our priority actions based on our emissions baseline. We have segmented our actions into main categories.

It covers in order:

- Electricity
- Waste
- Water
- Business travel – expenses
- IT
- Procurement

Not Applicable (currently)

- Transport – no fleet
- Employee commuting – no fleet
- Gas use – do not have gas

We recognise that to successfully achieve our emission reduction targets, the following key elements need to be in place:

- An organisational framework that is sufficiently robust to support the financing, delivery and monitoring of emission reduction actions.
- Clearly identified responsibility and accountability for delivery against emissions reduction targets.
- Identification of a realistic suite of short, medium and long-term actions across a range of areas relevant to our carbon footprint; this list must be regularly reviewed and flexible to adapt to emerging needs and opportunities for funding.
- A data collection and collation system that is integrated sufficiently to inform an annual progress update of our net zero plan.

Electricity

Current emissions

In 2024, electricity use contributes 9.7% to our total footprint. Rising costs and legislative drivers continue to make this a priority area for action. We will continue to focus on increasing the energy efficiency of the organisation by engaging with staff.

Our commitments

- To reduce electricity consumption by 2% by end of FY 2025 against the current baseline.

Actions

- Engage with staff regarding keeping lights off in unused rooms, only heating at minimum where necessary.
- Using less water for boiling kettles etc
- Investigate renewable energy for future use in the company

Waste

Current emissions

The organisation continues its commitment to reducing the quantity of waste going to landfill by implementing the principles of the waste hierarchy in its operations. Our waste is predominantly made up of 'general waste' due to day-to-day office operations, and recycling (cardboard for packaging to fulfil orders etc). This is collected by Scottish Borders Council on a weekly basis.

Our commitments

To decrease waste by 1.8% by 2025, against our 2024 baseline (9.1%) to keep us in line with our target to be net zero by 2030

- To increase our overall figure for waste diverted from landfill
- To increase paper recycling and decrease the use of plastic by 2026.

Actions

- to reduce emissions from waste.
- Undertake a full waste audit ever quarter and feedback results to staff.
- Remove the use of single use packaging by month 2028 – We are currently trying to replace our single use plastic packaging, to our “Eco Pack” cardboard packaging.
- Re-use packaging where possible, to reduce carbon footprint of more being manufactured and delivered.

Water

Current emissions

Water is a relatively small contribution as we predominantly use it for wastewater

Our commitment

- To reduce water use by 3% by end of FY 2025 against current baseline.

Actions

- Use less water washing dishes, hands and filling kettle with only the amount required.
- Be mindful when product testing to use only the required amount.

Employee Commuting

Current emissions

We have no car fleet but encourage car sharing to work whenever possible with our personal cars.

Our commitment

- To reduce emissions associated with employee personal commuting by 1% by end of FY 2025 against current baseline.

Actions

- Car sharing wherever possible

Business Travel:

Current emissions:

Our management team rarely travel for business. This is within the UK, however on occasion it could be internationally. The mode of transport most frequently used is Car/Van (No flights)

Our commitment

- To reduce emissions associated with business travel by 1% by end of FY 2025 against our current baseline.

Actions

- Take most economic route.
- Have as many online or telephone meetings as possible.

IT

Current Emissions:

In 2024, "IT" (employee laptops/screens/desktops) contributed to 69% of our total footprint (as all other scopes/categories were so small).

Commitment: As this is our biggest contributor, we commit to reducing this by 14% by 2025 against our 2024 baseline, which will keep us on track to achieving net zero by 2030.

Actions: We will continue to focus on decreasing IT resources where we can, within the organisation.

Procurement

Current emissions

We do not measure this but will endeavour to work with suppliers to see if they can give us this information to start a baseline.

Our commitments

We recognise that purchase of equipment, tangible goods and services have a whole life cost that we as an organisation are partly responsible for.

- To measure emissions from the purchase of materials by the end of FY 2025.

Actions

- Develop an engagement plan with suppliers by EOM month 12, 2025.
- Ensure all suppliers we work with have an environmental policy in place by month 12 2025 (As party of ISO 9001 suppliers are approved through an evaluation process).
- **Gas** (No Gas – Just a dormant meter)
- **Transport Fleet**
- We have 0 number of vehicles.

Target Setting

Based on the above commitments, we commit to an interim target of 0.16 tCO₂e reduction from our baseline by 2025 and commit to achieving net zero by 2030.

By 2025, we will aim to reduce our carbon emissions by 28% on a baseline of 2024. This equates to a figure of 0.16 tonnes CO₂e

We are confident we will achieve this target if all actions are implemented in accordance with the intended timescales.

Financing Actions – Not applicable (currently) as our carbon footprint is very small.

Management and Delivery of the Net Zero Plan

The key to success of this NZ Plan is effective engagement with staff and our stakeholders. Everyone has a role to play in embedding and delivering the NZ Plan and collaborative working is essential to deliver the desired carbon savings.

To ensure that there is effective and ongoing ownership of the Net Zero Plan, we have a fully defined governance structure. We will continue to adopt the following structure for management accountability.

Ross Dickinson (CEO) Jill Notman (COO) are responsible for driving processes and leading the company towards a Net Zero Future.

The Net Zero Committee

Net Zero Committee, Roles and Responsibilities

Name	Department/Current Role	Role within NZC	Responsibilities
Ross Dickinson	CEO	NZ Lead	ultimate responsibility for coordinating the

Jill Notman	COO		implementation of the net zero plan and report on progress.
Jill Notman	COO	Data analyst	Coordinating the data collection process required to measure progress
Jill Notman	COO	Green champion	raise awareness and engage staff to promote more environmentally conscious behaviour.

The remit of the [Net Zero Committee](#) includes:

- developing policies for consideration
- ensuring effective communication of the organisation's policies to staff.
- monitoring the organisation's built environment performance against its carbon management targets, and
- raising the profile of built environment carbon management in the community and promoting environmentally sustainable behaviour by staff and visitors.

Leadership and Approval

The Net Zero Plan and emissions saving target will be approved by the NZ Leads, providing endorsement and a clear commitment at the highest level, reinforcing the need for action across the organisation. The specific objectives of the NZ plan will be included in the organisation's strategic plan. NZ Leads approval will continue to provide long-term organisational momentum for embedding the NZ plan and carbon savings across the organisation.

Data Collection and Management

The data sources we required to calculate our carbon footprint are noted below: To continue to measure our emissions and measure our performance on our actions, data collection for these sources will need to continue.

Data required	Responsible	Expectation	KPI
Electricity	RD / JN	Reduce kWh in 2025 against our 2024 baseline	Usage per unit 334.23 kWh 20.76 per kWhn (baseline)
Water	RD / JN	Reduce M3 in 2025 against our 2024 baseline	Usage per unit 20.23m ³ (baseline)

Waste	RD / JN	Reduce KG sent to landfill in 2025 against our 2024 baseline	Amount collected in kg Scottish Borders Council annually
Business Travel	RD / JN	Reduce Miles for business travel	Miles Travelled on an annual basis for business purposes
IT	RD / JN	Reduce no. of screens/ desktops etc not required	Increase/Decrease in physical resource

Data measuring the progress of the Net Zero Plan will be collected quarterly by Jill Notman and presented to the various relevant levels of governance.

The data collected will include:

- Progress on specific projects
- Details of the performance of the variables contributing to the emissions in the quarter such as utilities, water, fuel, waste generated.

Data quality will be a standing item in our NZC meetings on a quarterly basis. We will continuously strive to improve the quality of our data and any changes to data collection will be documented in annual NZ plan updates.

Communication and Training

Engage staff and keep updated with our endeavours, actions and targets to the company becoming Net Zero.

Annual Updates

The Net Zero Plan is viewed as a 'live' document. To ensure that the plan remains 'fit for purpose' to deliver our net zero target, the document will be reviewed on an annual basis. This process will be overseen by the Net Zero Committee and coordinated by Jill Notman (COO)

Specifically, the following areas of the Net Zero Plan will be subject to annual review:

- Progress towards overall net zero target including CO₂e savings and quantifiable benefits
- Progress with identified emission reduction actions.
- Financial savings achieved as a result of completed actions.
- Wider benefits
- Stakeholder engagement, and
- Risk Register

The annual progress review will be placed on our website and sent to relevant stakeholders

Appendix A

Category	Baseline Emissions (2024) (%)	2025 (reduce by X %)
Electricity (2)	9.7 %	2%
Heating (2)	11.6%	2%
Office Waste (3)	9.1%	1.8%
IT (3)	69.6%	14%
Water (3)	-	2%
Business Travel / Commuting (3)	-	2%
	Baseline Carbon Footprint (%) by scope (2024)	2025 commitment Reduce by:
SCOPE 1	0%	0%
SCOPE 2	10.5%	2 %
SCOPE 3	89.5 %	18%
TOTAL CO2 EMISSIONS	0/8 TONNES	0/16 TONNES

Appendix B

Detail of short medium, and long-term actions, timescales, persons responsible and estimated savings.

Action	Timescale	Completion date	Project lead
Short-term: Engage staff and follow processes and actions to limit CO2 emissions and waste	12/09/2024 ... and going forward	month 12 2025	Jill Notman
Long-term look at alternative energy options and ensure all current and future, ALL suppliers and providers are sharing and meeting the Net Zero Future vision.	Continuous, as part of our ISO 9001 processes.	Month 12 20XX.	Jill Notman

All completion dates are the end of month unless stated otherwise.

Appendix C

All Data will be stored as part of our ISO 9001 documentation and become “due process”. Annual reviews and results will be undertaken and logged on a tracker system.

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