JC Watson Mechanical

Carbon Reduction Plan

Date of Issue: November 2025

Compiled by: JC Watson Compliance Team

www.jcwatson.co.uk

Contents

CO2

CARBON NEUTRAL

JC HATSON

EXECUTIVE SUMMARY

SECTION ONE

Commitment to achieving Net Zero

Executive Summary

JC Watson Mechanical is committed to achieving Net Zero emissions by:

2050

Our Carbon Reduction Plan is an ambitious and comprehensive approach to achieve Net Zero emissions by:

2050

Key areas of focus include:

Baseline Emissions

An in-depth analysis of emissions for 2019/2020 sets the foundation for targeted reduction strategies.

Scope 1 and 2 Emissions

Focused efforts to minimise direct and energy indirect emissions through innovative approaches and sustainable practices.

Scope 3 Emissions

Addressing indirect emissions in our value chain, including business travel, waste management and transportation.

Net Zero Strategy

A robust roadmap outlining our methods to reduce and offset emissions, incorporating cutting-edge technologies and operational efficiencies.

Environmental Management

Implementation of effective management measures, emphasising energy efficiency, waste reduction and sustainable resource use.

Progress Monitoring

A structured framework for regular assessment and reporting of our emission reduction progress, ensuring transparency and accountability.

Stakeholder Engagement

Implementation of effective management measures, emphasising energy efficiency, waste reduction and sustainable resource use.

This plan demonstrates our commitment to environmental stewardship and positions as a leader in sustainable practices within the healthcare sector.

INTRODUCTION

SECTION TWO

J. WATSON

JC Watson Mechanical

Introduction

JC Watson Mechanical is deeply committed to driving sustainable practices and achieving Net Zero emissions by 2050.

As an industry leader in our sector and responsible partner to the NHS, we understand the critical role we play in the healthcare sector's environmental impact. Our commitment extends beyond mere compliance with our wider industries requirements; it embodies our dedication to safeguarding the environment for future generations.

This plan is a blueprint for integrating sustainability into every facet of our operations, reflecting our pledge to lead by example in the transition to a greener, more sustainable future. Through innovation, collaboration and steadfast dedication, we are setting new standards in environmental stewardship, while continuing to provide exceptional services to the NHS and all our clients.

Our strategy involves

Innovative Solutions

Implementing advanced technologies and processes to reduce our carbon emissions effectively.

Collaboration and Engagement

Working closely with stakeholders, including suppliers and clients, to foster a collective approach towards sustainability.

Continuous Improvement

Regularly evaluating and enhancing our practices to stay at the forefront of environmental management.

Transparency and Accountability

Ensuring clear reporting and communication of our sustainability initiatives and progress.

This plan not only represents our dedication to environmental responsibility but also reflects our commitment to being a leader in sustainable practices within the healthcare sector.

NHS REQUIREMENTS
FOR CARBON REDUCTION

SECTION THREE

J. WATSON · NHS

Carbon Reduction

NHS Requirements

This detailed alignment with NHS requirements ensures our plan is both comprehensive and specific, fulfilling all criteria set forth by the NHS for effective carbon reduction.

Carbon Reduction Plan (CRP) Implementation:

From April 2023:

- For contracts above £5 million annually, publishing a CRP covering UK Scope 1 and 2 emissions and a subset of Scope 3 emissions.

From April 2024:

- Extending CRP requirements to all new procurements.

Carbon Reduction Plan (CRP) Implementation:

- Commitment to achieve net zero by 2050 for UK operations.
- Baseline and current emissions reporting for Scope 1, 2 and selected Scope 3 categories.
- Emissions reporting in CO2e for seven greenhouse gases.
- Environmental management measures in place, aiming for net zero by 2050.
- CRP to be board approved and published on the website.
- Annual update of the CRP.

Net Zero Commitment (NZC):

- From April 2024, a NZC is required for procurements between £10k and £5m annually.
- Public commitment to achieve net zero by 2050, including Scope 1, 2 and a subset of Scope 3 emissions.

This detailed alignment with NHS requirements ensures our plan is both comprehensive and specific, fulfilling all criteria set forth by the NHS for effective carbon reduction.

BASELINE EMISSIONS REPORT

SECTION FOUR

J.H. WATSON

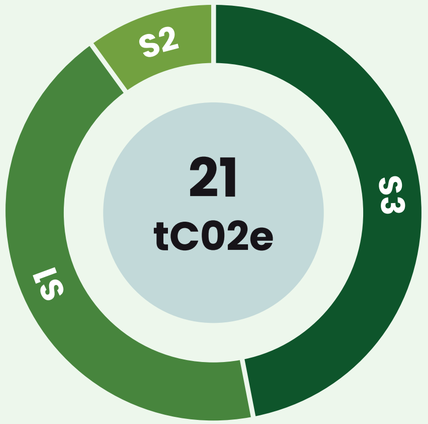
GHG Disclosure

2019 – 2020

Reporting Period: 1st Dec - 30th Nov

Total CO2 emissions	20.7 tCO2e

Emissions per employee	1.5 tCO2e

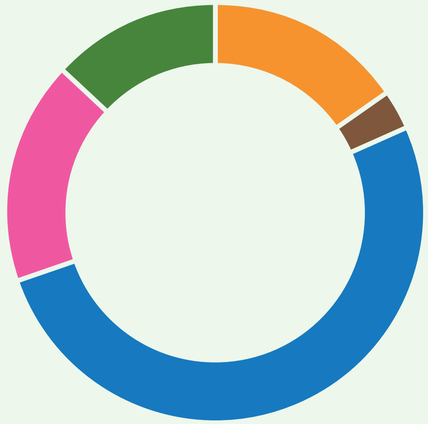


Carbon Footprint

By Scopes

Scope 1	41%
Scope 2	10.1%
Scope 3	48.9%

Study Support	Available Data
Scope 1	9.8 tCO2e
Scope 2	2.4 tCO2e
Scope 3	11.7 tCO2e



Emissions

By Categories

Heating	15.4%
Office waste	3.2%
Depreciation of vehicles	51.3%
IT	17.1%
Electricity	13%

The increase observed in our carbon figures is directly linked to our business expansion and growth.

What are scopes?

Scope 1

Direct emissions from the combustion of fuel in assets that a company operates, such as fuel emissions from company-owned cars, diesel generators, gas boilers and air conditioning leaks.

Scope 2

In direct emissions from the generation of energy purchased from a utility provider, such as heating, cooling, steam, and electricity.

Scope 3

All indirect greenhouse gas emissions that do not fall under scope 2 - upstream and downstream. This calculator includes upstream emissions from purchased goods and services, capital goods, upstream transport and distribution and business travel, calculated from you expenses.

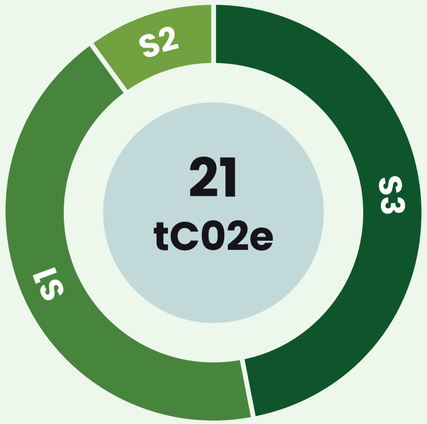
GHG Disclosure

2020 - 2021

Reporting Period: 1st Dec - 30th Nov

Total CO2 emissions	21.2 tCO2e

Emissions per employee	1.8 tCO2e

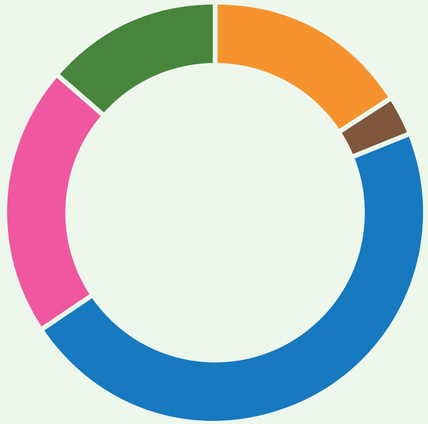


Carbon Footprint

By Scopes

Scope 1	43%
Scope 2	9.9%
Scope 3	47.1%

Study Support	Available Data
Scope 1	10.5 tCO2e
Scope 2	2.4 tCO2e
Scope 3	11.5 tCO2e



Emissions

By Categories

Heating	16.1%
Office waste	2.8%
Depreciation of vehicles	46.9%
IT	20.6%
Electricity	13.6%

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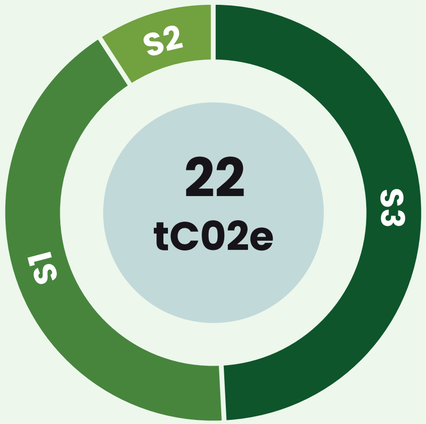
GHG Disclosure

2021 - 2022

Reporting Period: 1st Dec - 30th Nov

Total CO2 emissions	21.8 tCO2e

Emissions per employee	1.4 tCO2e

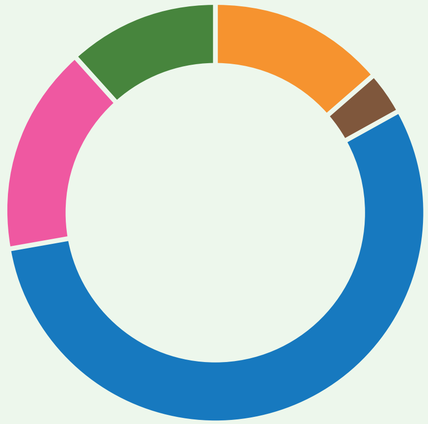


Carbon Footprint

By Scopes

Scope 1	41.5%
Scope 2	9.1%
Scope 3	49.4%

Study Support	Available Data
Scope 1	10.2 tCO2e
Scope 2	2.2 tCO2e
Scope 3	12.2 tCO2e



Emissions

By Categories

Heating	13.7%
Office waste	3.4%
Depreciation of vehicles	55.2%
IT	16.2%
Electricity	11.5%

The increase observed in our carbon figures is directly linked to our business expansion and growth.

What are scopes?

Scope 1

Direct emissions from the combustion of fuel in assets that a company operates, such as fuel emissions from company-owned cars, diesel generators, gas boilers and air conditioning leaks.

Scope 2

In direct emissions from the generation of energy purchased from a utility provider, such as heating, cooling, steam, and electricity.

Scope 3

All indirect greenhouse gas emissions that do not fall under scope 2 - upstream and downstream. This calculator includes upstream emissions from purchased goods and services, capital goods, upstream transport and distribution and business travel, calculated from you expenses.

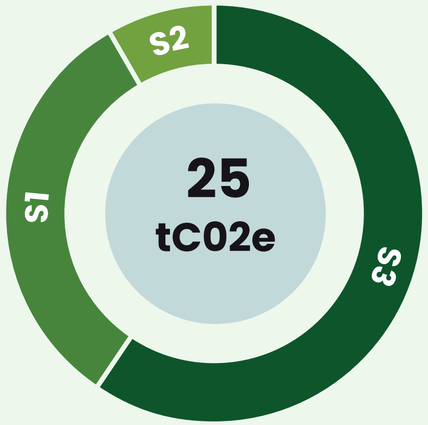
GHG Disclosure

2022 - 2023

Reporting Period: 1st Dec - 30th Nov

Total CO2 emissions	24.8 tCO2e

Emissions per employee	1.2 tCO2e

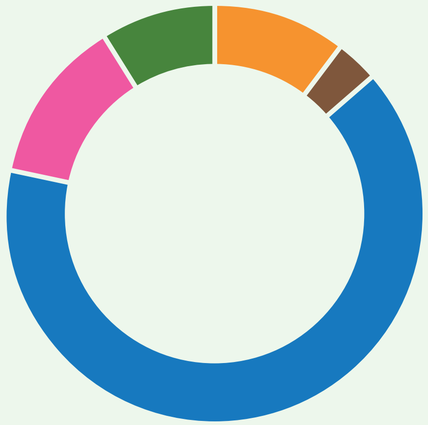


Carbon Footprint

By Scopes

Scope 1	32.3%
Scope 2	8.2%
Scope 3	59.5%

Study Support	Available Data
Scope 1	9 tCO2e
Scope 2	2.3 tCO2e
Scope 3	16.5 tCO2e



Emissions

By Categories

Heating	13.3%
Office waste	2.8%
Depreciation of vehicles	56.3%
IT	16.1%
Electricity	11.5%

The increase observed in our carbon figures is directly linked to our business expansion and growth.

What are scopes?

Scope 1

Direct emissions from the combustion of fuel in assets that a company operates, such as fuel emissions from company-owned cars, diesel generators, gas boilers and air conditioning leaks.

Scope 2

In direct emissions from the generation of energy purchased from a utility provider, such as heating, cooling, steam, and electricity.

Scope 3

All indirect greenhouse gas emissions that do not fall under scope 2 - upstream and downstream. This calculator includes upstream emissions from purchased goods and services, capital goods, upstream transport and distribution and business travel, calculated from you expenses.

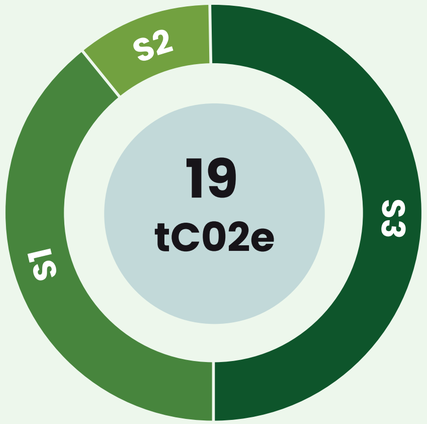
GHG Disclosure

2023 - 2024

Reporting Period: 1st Dec - 30th Nov

Total CO2 emissions	19.1 tCO2e

Emissions per employee	1.1 tCO2e

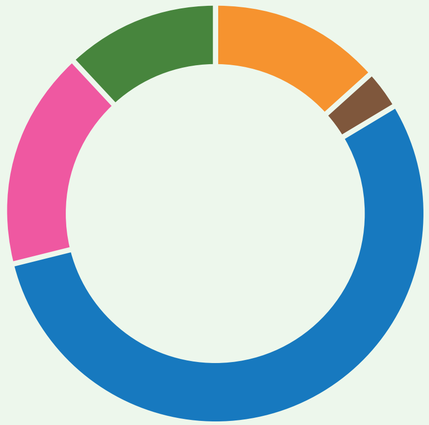


Carbon Footprint

By Scopes

Scope 1	39.4%
Scope 2	10.4%
Scope 3	50.2%

Study Support	Available Data
Scope 1	8.7 tCO2e
Scope 2	2.3 tCO2e
Scope 3	11.1 tCO2e



Emissions

By Categories

Heating	13.5%
Office waste	3.1%
Depreciation of vehicles	54.5%
IT	17.1%
Electricity	11.7%

The increase observed in our carbon figures is directly linked to our business expansion and growth.

What are scopes?

Scope 1

Direct emissions from the combustion of fuel in assets that a company operates, such as fuel emissions from company-owned cars, diesel generators, gas boilers and air conditioning leaks.

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Scope 3

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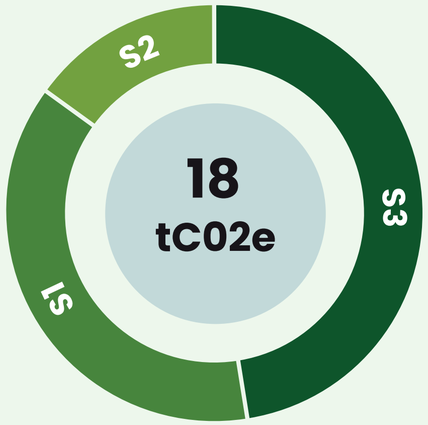
GHG Disclosure

2024 – 2025

Reporting Period: 1st Dec - 30th Nov

Total CO2 emissions	18.2 tCO2e	Emissions per employee	1.1 tCO2e

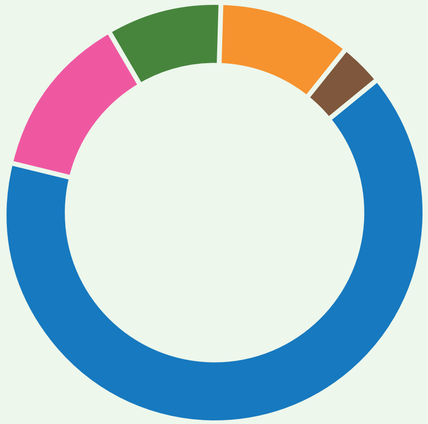


Carbon Footprint

By Scopes

Scope 1	37.6%
Scope 2	14.9%
Scope 3	47.5%

Study Support	Available Data
Scope 1	8.3 tCO2e
Scope 2	2.2 tCO2e
Scope 3	10.5 tCO2e



Emissions

By Categories

Heating	13.5%
Office waste	3.4%
Depreciation of vehicles	54.5%
IT	17.1%
Electricity	11.5%

The increase observed in our carbon figures is directly linked to our business expansion and growth.

What are scopes?

Scope 1

Direct emissions from the combustion of fuel in assets that a company operates, such as fuel emissions from company-owned cars, diesel generators, gas boilers and air conditioning leaks.

Scope 2

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Scope 3

All indirect greenhouse gas emissions that do not fall under scope 2 - upstream and downstream. This calculator includes upstream emissions from purchased goods and services, capital goods, upstream transport and distribution and business travel, calculated from you expenses.

Scope 3: Report

Initial assessment of the company's emissions for 2019/2020.

Scope 3 Emissions

In addressing Scope 3 emissions, JC Watson Mechanical is committed to managing and reducing indirect emissions across our entire value chain. This includes:

Business Travel and Employee Commuting

Implementing sustainable travel policies, promoting remote connectivity and encouraging low-emission commuting options.

Upstream and Downstream Transportation and Distribution

Optimising supply chain logistics to minimise emissions, utilising fuel-efficient transportation methods and exploring sustainable distribution strategies.

Waste Management in Operations

Enhancing recycling, reducing waste production and engaging with environmentally responsible waste management services.

Collaboration and Engagement

Working closely with stakeholders, including suppliers and clients, to foster a collective approach towards sustainability.

Scope 3: Emissions

Reporting Table

	2019	2020	2021	2022	2023	2024	2025	2026 - 2050
Scope 1	10.2	9.8	10.5	10.2	9	8.7	8.3	
Scope 2	2.4	2.4	2.4	2.2	2.3	2.3	2.2	
Scope 3	11.7	11.7	11.5	12.2	16.5	11.1	10.5	
Per Employee	1.8	1.5	1.8	1.4	1.2	1.1	1.1	
Total Emissions (tCO2e)	20.7	20.7	21.2	21.8	24.8	19.1	18.2	
Targert (tCO2e)	**24**	**24**	**23**	**23**	**22**	**21**	**21**	NET ZERO 2050 0%

This table allows us to quantify and track our Scope 3 emissions, set reduction targets and measure progress against their baseline emissions.

SCOPE OF EMISSIONS

SECTION FIVE

Carbon Reduction

Scope of Emissions

Both sections will be detailed with data, methodologies and reduction strategies specific to ensure compliance with NHS guidelines and demonstrating our commitment to a holistic approach to emission reduction.

Scope 1 and 2 Emissions Reporting

We record and report our direct (Scope 1) and energy indirect (Scope 2) emissions. This includes emissions from owned or controlled sources, like company vehicles and indirect emissions from the generation of purchased electricity, heat, or steam used in our operations.

Scope 3 Emissions Reporting

We also focus on a subset of Scope 3 emissions, addressing emissions from business travel, waste generated in operations, upstream and downstream transportation and distribution and employee commuting. This approach enables a comprehensive understanding and management of our indirect emissions impact within the value chain.

NET ZERO EMISSION

GOALS AND STRATEGY

SECTION SIX

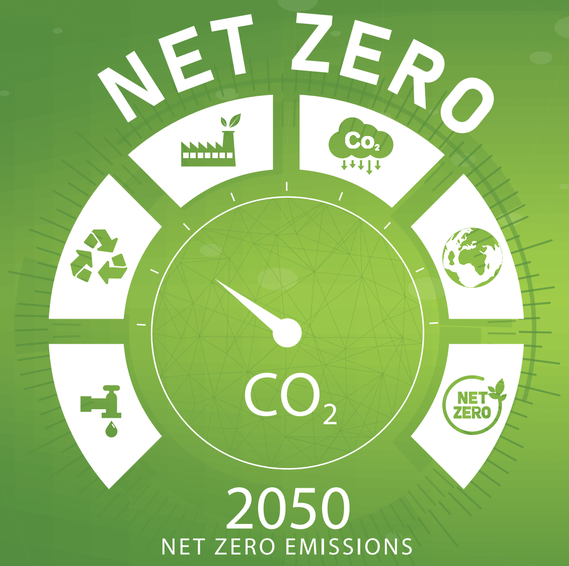
Goals and Strategy

Net Zero Emissions

This commitment extends beyond legal compliance; it encompasses our dedication to meeting and exceeding the environmental expectations of our clients. Through continuous improvement and resource allocation, our management team is devoted to upholding high standards in environmental, quality, health and safety and energy management, thereby aligning our operations with our ambitious environmental goals and objectives.

Our Commitment to Net Zero by 2050

We aim to achieve Net Zero Greenhouse Gases by 2050, recognising the significant role the energy, construction and HVAC industries play in this global initiative. Our strategy is not just about meeting targets; it's about leading change in our industry and setting a benchmark for sustainability.



Collaboration and Engagement

Our Carbon Reduction Protocol is formulated with a deep understanding of our environmental impact, influenced by our products, services, materials, energy usage, operational processes and our interaction with the environment. Our protocol is grounded in robust environmental management controls, ensuring compliance with all relevant environmental laws and standards, notably reflected in our adherence to ISO 14001.

This commitment extends beyond legal compliance; it encompasses our dedication to meeting and exceeding the environmental expectations of our clients. Through continuous improvement and resource allocation, our management team is devoted to upholding high standards in environmental, quality, health and safety and energy management, thereby aligning our operations with our ambitious environmental goals and objectives.

Internal Strategies for

Emission Reduction

These strategies represent a holistic approach to reducing our internal emissions and demonstrate our commitment to environmental sustainability.

Office Environmental Enhancement

We are integrating biophilic design into our office spaces, recognising the importance of a natural environment in the workplace. We plan to introduce a variety of indoor plants known for their air-purifying qualities. These plants will not only absorb CO2 but also enhance overall air quality, contributing to employee well-being and productivity.

Transition to LED Lighting

We are undertaking a comprehensive retrofitting of our lighting systems, replacing conventional bulbs with energy-efficient LED alternatives across all facilities. This transition is projected to significantly reduce our electricity consumption, thereby lowering our carbon emissions. We will also assess the efficacy of lighting controls and motion sensors to further optimise energy use.

Energy Conservation Practices

Our energy conservation strategy includes implementing stringent policies for managing energy use. This involves training staff on energy-saving practices, such as the importance of turning off and unplugging appliances when not in use. We will conduct regular audits to identify areas for further energy savings.

Paper Usage Reduction

Moving towards a paperless operation is a key focus. We are expanding our use of digital and cloud-based solutions to minimise paper dependency in our internal operations. Where paper use is unavoidable, we will enforce policies to ensure double-sided printing and recycling, thereby reducing our paper consumption and associated carbon footprint.

Office and IT Equipment

In addition to our energy and paper conservation efforts, we're focusing on optimising the use of office and IT equipment. This includes evaluating and investing in energy-efficient computers, printers and other peripherals. We'll implement policies for energy-saving modes on all devices and encourage responsible usage and shutdown procedures. Regular reviews of our IT infrastructure will ensure we stay updated with the most energy-efficient technologies.

Use of Solar Collection & Storage

The integration of solar PV generation and battery storage significantly supports a carbon reduction plan by reducing reliance on grid-supplied electricity, lowering overall energy consumption, and maximising the use of clean, renewable energy generated on-site. Solar panels produce zero-carbon electricity during daylight hours, while battery storage captures surplus generation for use during peak periods or overnight, reducing demand on fossil-fuel-based grid energy. Together, these technologies cut operational carbon emissions, stabilise energy usage, and improve long-term sustainability performance.

Effective & Sustainable

Heating & Air Conditioning

These strategies represent a holistic approach to reducing our internal emissions and demonstrate our commitment to environmental sustainability.

Key areas of focus include

Energy Efficient Systems

Using inverter-controlled heat pump equipment for optimal energy efficiency.

Optimal Controls Setting

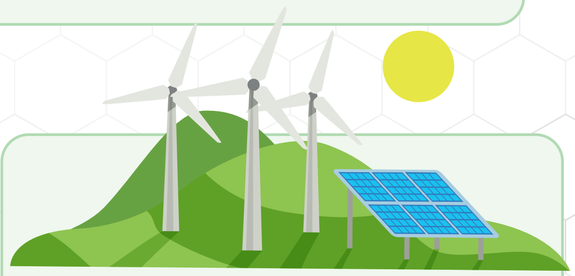
Utilising appropriate settings for space heating/cooling and water heating systems to maximise efficiency.

Regular Maintenance

Ensuring consistent upkeep of heating and cooling systems to maintain peak performance.

Fault Reporting and Response

Promptly addressing any issues in heating/air conditioning systems to ensure efficient operation.



Conservation Practices

Encouraging the correct use of doors and windows to conserve heat and provide adequate ventilation.

Emission Reduction Strategies

Customer-Oriented

Detailed Customer-Oriented Initiatives, Supply Chain Sustainability and Environmental Management.

We are advancing our offering of energy-efficient solutions, particularly in high-efficiency HVAC systems and eco-friendly building materials. This initiative includes not just the provision of products but also a comprehensive educational aspect for our customers. We aim to demonstrate the long-term environmental and cost-saving benefits of these technologies, ensuring clients understand the value and impact of their choices. Our approach includes personalised energy audits, recommendations tailored to specific client needs and ongoing support to optimise the use of these technologies.

Heating & Air Conditioning

Energy Efficient Systems

Advising clients on the benefits of inverter-controlled heat pump systems for enhanced energy efficiency.

Guidance on Control Settings

Assisting customers in setting up their heating and cooling systems for optimal efficiency.

Maintenance Support

Offering regular maintenance services to ensure clients' heating and cooling systems operate at peak performance.

Education on Efficient Use

Instructing clients on best practices for using doors and windows to conserve energy and maintain air quality.

Customer-Oriented

Sustainability

Sustainable Refrigerant Use

We committed to a significant shift in our refrigerant usage, focusing on options with lower global warming potential (GWP). This transition involves meticulously selecting refrigerants that offer reduced environmental impact without compromising performance.

Our strategy encompasses the entire lifecycle of these refrigerants, from careful selection and efficient usage to responsible end-of-life disposal and recycling. We are also actively involved in training our technicians and informing our clients about the benefits and proper handling of these sustainable refrigerants. This initiative includes developing plans for the phased replacement of high-GWP refrigerants in existing systems and integrating next-generation refrigerants into new installations.

Our commitment extends to recovery and reclaiming efforts, ensuring that used refrigerants are handled in an environmentally responsible manner, thereby reducing potential emissions.

Tree Planting Commitment

We have committed to planting a tree for every new project, contributing to global reforestation and ecological restoration efforts. This initiative is a crucial part of our strategy to offset carbon emissions from our operations. In collaboration with environmental organisations, this commitment not only aids in carbon sequestration but also supports biodiversity and environmental sustainability, reinforcing our dedication to a greener future.

Collaboration with

Environmentally Conscious Suppliers

We actively assess and monitor the environmental policies of our suppliers, ensuring that their practices align with our sustainability objectives via submitted supplier, or subcontractor questionnaire and undertaking annual site audits.

This includes a thorough evaluation of their carbon reduction strategies, waste management practices and overall environmental impact. We place a strong emphasis on partnering with suppliers who not only comply with but exceed environmental standards, demonstrating innovative approaches to sustainability.

This commitment is reinforced by our adherence to ISO 14001 standards, which guide our supplier selection and evaluation processes. Regular audits and reviews of our suppliers' practices are conducted to ensure ongoing compliance and to identify areas for collaborative improvement, ensuring our supply chain actively contributes to our environmental goals.

Waste Management Hierarchy Application

Our approach to waste management is designed to minimise environmental impact while enhancing sustainability practices across our customer base. We aim to educate and involve our customers in effective waste management, ensuring that our collective efforts contribute significantly to environmental conservation.

Reusing and Recycling

We actively promote the reuse and recycling of materials among our customers. This includes providing guidance on how to effectively separate and recycle waste and offering solutions for repurposing materials that might otherwise be discarded.

Responsible Disposal

For waste that cannot be reused or recycled, we ensure responsible disposal methods. This includes using environmentally safe waste treatment facilities and adhering to strict disposal protocols to minimise environmental impact.

Waste Management in Contracts

In our contracts, we specify waste management procedures tailored to the local context and regulatory requirements, ensuring that waste handling aligns with sustainability goals.

Use of Certified Waste Contractors

We collaborate exclusively with waste contractors who are certified and adhere to our zero-landfill policy. These contractors are vetted for their compliance with environmental standards and their ability to provide sustainable waste solutions.

JC Watson Mechanical

Energy Consumption Analysis

Our energy consumption analysis is a critical component of our environmental strategy. We conduct detailed assessments to understand and monitor our energy use patterns. These detailed practices in energy consumption analysis form the backbone of our efforts to reduce our environmental impact and move towards more sustainable operations.

Comprehensive Utility Usage Review

We meticulously assess the consumption of electricity, gas and water. This includes analysing usage patterns across different departments and facilities to identify areas of high energy consumption.

Targeted Reduction Strategies

Based on our analysis, we develop specific strategies to reduce energy use in high-consumption areas, such as optimising HVAC systems and improving insulation.

Energy Management System Updates

Our energy management systems are regularly reviewed and updated to incorporate the latest energy-saving technologies and practices.

Real-Time Energy Monitoring

Utilising advanced smart metres and monitoring tools, we track our energy consumption in real-time. This allows for immediate identification of any unusual spikes in energy usage and quick remedial actions.

Sustainable Practices in

Buildings and Facilities

These customer-oriented practices not only reflect our commitment to sustainability but also engage and empower our clients to adopt similar practices, extending the impact of our environmental initiatives.

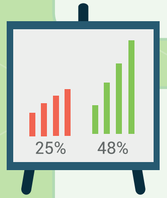
Regular Carbon Footprint Analysis

Continuous Monitoring and Engagement

Providing ongoing support to clients through regular reviews and updates of their carbon footprint analysis. This includes adapting strategies to new data and evolving environmental standards, ensuring continuous improvement in reducing emissions. In addition we carry out energy temperature monitoring and recommend a remote monitoring service to all of our clients.

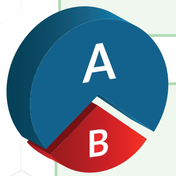
Eco-Friendly Customer Facilities

Designing customer-facing areas with energy-saving features like natural light and efficient insulation, reducing energy usage while enhancing customer experience.



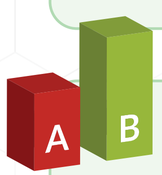
Client Education on Sustainable Operations

Actively educating clients about the benefits and practices of operating sustainable facilities.



Facility Efficiency Services

Offering services to help clients maintain and upgrade their facilities for energy efficiency.



Promoting Green Products and Services

Encouraging clients to adopt environmentally friendly products and practices in their facilities.

Carbon Reduction

Management Review

Regular Evaluations with Clients

Conducting periodic reviews with our clients to assess their environmental management systems, ensuring they align with both our and their sustainability goals.

Feedback and Improvement Strategies

Providing constructive feedback and identifying areas for improvement, helping clients enhance their environmental, quality, health and safety systems.

Resource Allocation Guidance

Advising clients on optimal resource allocation to achieve environmental objectives, including energy management and waste reduction.

This ongoing review process ensures that our clients continually progress in their sustainability journey.

ENVIRONMENTAL
MANAGEMENT MEASURES

SECTION SEVEN

J: WATSON

Environmental

Management Measures

Our environmental management measures are focused on achieving substantial emission reductions and enhancing sustainability.

Future Strategies

We plan to increase our reliance on renewable energy sources, thereby reducing our dependence on fossil fuels. Introduction of eco-friendly solutions to minimise environmental impact. Enhanced employee training programs focusing on sustainability practices to embed an environmental consciousness across the company.

These measures and strategies underscore our commitment to reducing our environmental footprint and leading by example in sustainable practices.

PROGRESS MONITORING
AND REPORTING FRAMEWORK

SECTION EIGHT

J.H. WATSON

Progress Monitoring and

Reporting Framework

A comprehensive framework is in place for monitoring and reporting on environmental initiatives, crucial for evaluating the effectiveness of our strategies and ensuring alignment with sustainability goals.

Emissions Tracking and Analysis

Implementing state-of-the-art systems for real-time tracking of our carbon emissions and energy use. This includes detailed analysis of trends and patterns, allowing us to make data-driven decisions.

Comprehensive Reporting System

Producing comprehensive reports that not only highlight our progress in meeting environmental targets but also detail our strategies and future plans for emission reduction.

Transparent Communication with Stakeholders

Engaging regularly with stakeholders through detailed updates and reports, emphasising our progress and future commitments. This ensures full transparency and fosters collaborative efforts in sustainability.

STAKEHOLDER ENGAGEMENT
AND COMMUNICATION PLAN

SECTION NINE

J.H. WATSON

Stakeholder Engagement and

Communication Plan

In our pursuit of sustainability, effective stakeholder engagement and communication are paramount. Our plan is designed to build strong relationships with stakeholders, ensuring they are not only informed but also actively involved in our environmental initiatives. This approach is fundamental to creating a unified effort in achieving our sustainability goals.

Interactive Stakeholder Sessions

Facilitating regular meetings and workshops with stakeholders to discuss environmental strategies, gain insights and foster collaborative relationships.

Progress Communication Channels

Implementing a multi-channel communication strategy, including detailed reports, email updates and a dedicated section on our website to share our environmental progress and future plans.

Partnership in Sustainability Projects

Encouraging stakeholder participation in various sustainability initiatives, enhancing collective action towards environmental goals.

RISK MANAGEMENT
AND MITIGATION STRATEGIES

SECTION TEN

Risk Management and

Mitigation Strategies

Our approach to environmental risk management is both proactive and comprehensive. We focus on systematically identifying, assessing and addressing potential risks. This strategy is essential for ensuring that any environmental impacts from our operations are effectively managed and mitigated. By thoroughly understanding potential challenges and implementing targeted strategies, we align our practices with established guidelines, ensuring that our operations remain sustainable and environmentally responsible.

Key areas of focus include:

Risk Identification and Assessment

Systematic identification and evaluation of environmental risks related to our operations, considering factors like waste management, emissions and energy usage.

Mitigation Plan Development

Creating tailored plans for each identified risk, including contingency plans for unforeseen environmental impacts.

Implementation of Control Measures

Employing practical measures to control or eliminate risks, such as adopting safer waste disposal methods or more efficient energy practices.

Regular Policy and Procedure Review

Updating our policies and procedures in response to emerging environmental risks or legislative changes.

Stakeholder Collaboration

Working closely with stakeholders, including suppliers and clients, to ensure comprehensive risk management.

Employee Training and Awareness

Conducting regular training sessions for employees to recognise and respond to environmental risks effectively.

Continuous Monitoring and Review

Regularly reviewing and refining our risk management strategies to adapt to evolving environmental challenges and effectiveness.

Carbon Reduction Initiatives

A Case Study on Sustainable Progress

A commitment to sustainability has driven a series of carbon reduction projects, significantly lowering environmental impacts and bolstering community sustainability since a baseline year.

Completed Projects Overview

A notable initiative completed in October 2023 was the installation of 120 state-of-the-art solar panels. This venture included over 400 metres of SWA power cables and armoured data and fibre optic cables for enhanced communication capabilities, enabling full off-grid operation.

Project Details

Duration: The project spanned approximately one month, encompassing extensive groundwork.

Infrastructure: Featured the deployment of extensive SWA cabling and armoured lines for communication.

Outcome: Achieved complete off-grid functionality, with surplus energy capacity being redirected back to the grid, fostering additional revenue streams.

Achievements

The project is anticipated to reach its return on investment within eight years, coupled with an annual carbon savings of 13 tonnes. This substantial reduction is akin to offsetting numerous transatlantic flights or car journeys, underlining the project's significant environmental impact.

Co2 Emissions Reduction Volumes

The achievement of saving 13 tonnes of CO2 annually can be vividly illustrated through everyday comparisons. This amount of CO2 saving equates to the annual electricity consumption of several households, half a year's drive for a petrol car, or a full year for an electric vehicle. It is also comparable to numerous train journeys between major cities, several economy flights across continents and the carbon capture work of a small forest over a year.

This visualisation helps underline the tangible environmental benefits of the project, translating complex data into relatable impacts.

Impact on Contract Performance

This endeavour not only bolsters sustainability credentials but also exemplifies the ability to execute complex, environmentally centred projects. It establishes a precedent in sustainable practice, delivering exceptional value through cutting-edge carbon reduction solutions.

Carbon Reduction

Transforming Carbon Reduction

Leveraging our expertise, we are committed to pioneering sustainable solutions across industries.

Our approach involves

Strategic Collaboration: Partnering with leading organisations to implement bespoke carbon reduction initiatives.

Innovative Solutions: Focusing on the expansion of renewable energy sources and the development of advanced waste management systems.

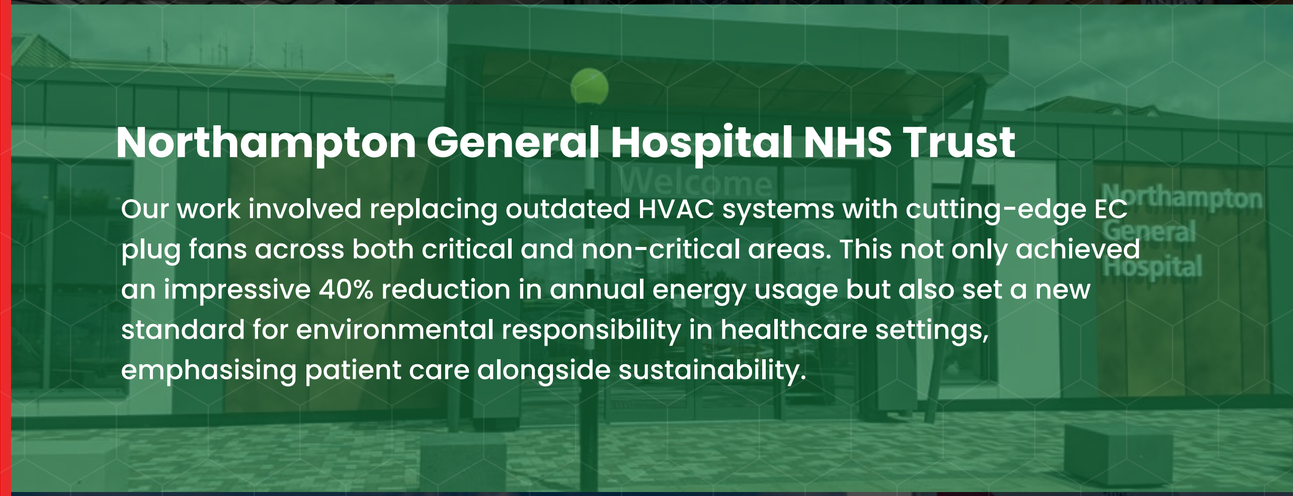
Expected Outcomes

These future projects aim to significantly reduce carbon emissions, demonstrating our commitment to sustainability and setting new industry standards.

The anticipated impact includes enhanced energy efficiency, minimised waste and a substantial contribution to achieving global environmental goals.

Westfield Shopping Centre

This project entailed a comprehensive upgrade to energy-efficient EC fans, leading to a remarkable reduction in energy consumption by over 42%. The initiative serves as a model for the retail industry, showcasing the potential for significant energy savings and sustainability impacts through targeted infrastructure improvements.



Northampton General Hospital NHS Trust

Our work involved replacing outdated HVAC systems with cutting-edge EC plug fans across both critical and non-critical areas. This not only achieved an impressive 40% reduction in annual energy usage but also set a new standard for environmental responsibility in healthcare settings, emphasising patient care alongside sustainability.

Lister Hospital

The refrigerant gas replacement program we implemented focused on eliminating high GWP refrigerants. This forward-thinking project not only aligns with global environmental regulations but also significantly contributes to reducing the hospital's carbon footprint, further supporting the NHS's ambitious carbon reduction goals.

Carbon Reduction Initiatives

Future Carbon Reduction Plans

Our forward-looking strategy for carbon reduction encompasses a range of innovative initiatives designed to further diminish our environmental impact.

Completed Projects Overview

Enhanced Energy Storage: A key focus is on augmenting our solar projects with additional battery storage solutions. This expansion aims to increase our capacity for storing renewable energy, thereby reducing our reliance on grid power.

This strategic move towards greater energy independence not only underscores our commitment to sustainability but also aligns with global efforts to transition towards cleaner, more renewable sources of energy.

ANNUAL REVIEW
AND UPDATE MECHANISM

SECTION ELEVEN

Annual Review and

Update Mechanism

Our commitment to environmental stewardship involves an annual review and update mechanism, ensuring our practices remain current and effective. This process involves evaluating our environmental strategies, goals and achievements. It's a key part of our approach, allowing us to adapt to new challenges, incorporate latest best practices and continuously enhance our environmental performance, keeping our commitment to sustainability robust and responsive.

Emissions and Energy Usage Analysis

Comprehensive review of our carbon emissions and energy consumption data.

Progress Evaluation Against Targets

Assessing how closely we've met or exceeded our environmental targets.

Policy and Strategy Review

Updating our environmental policies and strategies to reflect current best practices.

Stakeholder Feedback Incorporation

Integrating input and feedback received from stakeholders.

Technology and Process Innovations

Evaluating new technological advancements and processes for potential adoption.

Regulatory Compliance Check

Ensuring adherence to evolving environmental laws and regulations.

Employee Training and Engagement

Reviewing the effectiveness of employee training programs related to environmental practices.

Supply Chain Assessment

Evaluating the environmental impact of the supply chain and identifying areas for improvement.

Sustainability Goal Setting

Setting new or updated sustainability goals based on the year's review findings.

Risk Management Updates

Reassessing and updating risk management strategies as needed.

APPENDICES

SECTION TWELVE

Appendices

Supporting Documents, Detailed Data Tables and Additional Resources

For comprehensive insights into our environmental strategies and performance, stakeholders can refer to our collection of supporting documents, detailed data tables and additional resources.

This information is available upon request and include:

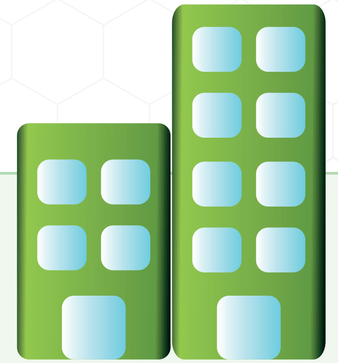
Documentation

Emissions reports

Detailed emissions reports and energy consumption data.

Environmental policies

Documentation of our environmental policies and strategies.



Stakeholder feedback

Records of stakeholder feedback and engagement activities.

JC Watson Mechanical

Approval and Declaration

This Carbon Reduction Plan, meticulously crafted to align with our sustainability objectives, has garnered unanimous approval from our Board of Directors. This endorsement stands as a testament to our leadership's deep commitment to environmental responsibility, shaping our organisational ethos towards sustainable practices.

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standards for Carbon Reduction Plans.

In compliance with these stringent standards, our emissions reporting rigorously follows the GHG Reporting Protocol corporate standard, employing government-issued emission conversion factors for accuracy.

We have diligently reported our Scope 1 and Scope 2 emissions in line with SECR requirements, while our Scope 3 emissions reporting aligns with the published standard for Carbon Reduction Plans, adhering to the Corporate Value Chain (Scope 3) Standard.

This declaration and our Board's backing underscore a unified commitment to leading sustainable practices, reinforcing our resolve to fulfil our environmental objectives.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Director

John Lyman

Date:

30th Nov 2025

Date of Issue: 30th Nov 2025

Compiled by: JC Watson Compliance Team

www.jcwatson.co.uk