

CARBON REDUCTION PLAN

Fresh Start Waste is dedicated to proactively enhancing the sustainability of waste management practices, with special attention given to our extensive client base. Our dedication to sustainability closely corresponds with the government's goal of reaching net **zero emissions by 2050**.

Our commitment to sustainability and the meticulous management of waste began nearly two decades ago, in 2008, when we achieved certification for **ISO14001**. This certification marked a significant milestone in our company's history, representing a tangible demonstration of the core values and guiding principles upon which our organization has steadily grown and evolved.

ISO14001 certification signifies our dedication to environmental responsibility and sustainability. It demonstrates our unwavering commitment to adhering to stringent environmental standards and practices, which have since become ingrained in the very fabric of our company's culture. This certification has not only provided us with a structured framework for managing our environmental impact but has also served as a driving force behind our continued expansion and success.

Over the years, our sustainability journey has transformed from a mere certification into a comprehensive approach that influences every facet of our operations. It has propelled us to continuously seek innovative ways to reduce waste, minimise our carbon footprint, and maximise resource efficiency. As a result, we have not only remained compliant with ISO14001 but have also exceeded its requirements, further solidifying our position as a leader in sustainable and responsible waste management.

In essence, our ISO14001 certification in 2008 marked the inception of a profound and enduring commitment to sustainability that has not only shaped our company's growth but has also contributed positively to our environment and the communities we serve. It serves as a testament to our ongoing dedication to sustainable practices, and it remains a cornerstone of our identity as a responsible and forward-thinking organisation.

Through the segregation of waste generated by our large volume customers, including those **utilising RORO or Packers**, we significantly improve recycling efficiency and diminish the environmental impact linked to waste disposal. This method guarantees a greater portion of our clients' waste is recycled, leading to decreased reliance on landfills and the subsequent emissions they produce.

By systematically sorting distinct types of waste and maintaining clear waste chutes beneath the conveyor belts, we can furnish precise waste data. This data forms a foundation for

implementing cost-effective strategies, which involve optimising waste streams to boost recycling rates and decrease disposal expenses.

Utilising the - **UK Woodland Carbon Code**, we have unequivocally underscored our commitment to catalyse environmental transformation. Supported by rigorous scientific research conducted by Forest Research, independent validation and verification processes, and a transparent registry that allows for the tracking of credit ownership, transfer, and utilisation, this initiative empowers our company to:

Significantly Reduce Net Emissions: By leveraging verified Woodland Carbon Units, in accordance with the UK Government's Environmental Reporting Guidelines, our company can effectively offset its gross UK-based emissions. This action directly contributes to the reduction of our net emissions and aligns with environmental sustainability goals.

Attain Carbon Neutrality: In line with PAS 2060:2014, verified Woodland Carbon Units provide a tangible means to assert carbon neutrality for various aspects of our operations, including activities, products, services, buildings, projects, or events in the UK. This demonstrates a proactive commitment to environmental responsibility.

Advance our Journey to Achieving Net Zero by 2050: By proactively purchasing units in advance of carbon sequestration, we play a pivotal role in charting our organisation's trajectory towards achieving net zero emissions by 2050. This forward-thinking approach allows for long-term planning and underscores our dedication to sustainable practices that extend well into the future.

Incorporating the - UK Woodland Carbon Code into our sustainability strategy not only exemplifies our dedication to environmental stewardship but also provides concrete tools and mechanisms to actively reduce emissions, assert carbon neutrality, and contribute to the broader global effort to combat climate change.

Carbon Reduction Plan Template

Supplier name: **Fresh Start Waste Services**

Publication date: **January 30th 2023**

Commitment to achieving Net Zero

Fresh Start Waste Services is committed to achieving Net Zero emissions by **2050**.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: 2022		
Baseline year emissions:		
EMISSIONS	TOTAL (tCO₂e)	
Scope 1	Mobile Combustion (Fleet)	1154.49
	Total	1154.49
Scope 2	Electricity	43.07
	Gas	11.77
	Total	54.84
Scope 3 (Included Sources)	Waste Generated in Operations	0.00
	Upstream transportation & distribution	0.00
	Downstream transportation & distribution	0.00
	Commuting	35.30
	Total	35.30
Total Emissions	1244.63 tCO₂e	

Current Emissions Reporting

Reporting Year: 2022	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	Mobile Combustion (Fleet) 1154.49
	Total 1154.49
Scope 2	Electricity 43.07
	Gas 11.77
	Total 54.84
Scope 3 (Included Sources)	Waste Generated in Operations 0.00
	Upstream transportation & distribution 0.00
	Downstream transportation & distribution 0.00
	Commuting 35.30
	Total 35.30
Total Emissions	1244.63 tCO₂e

Emissions reduction targets

Scope 1 - Company Fleet:

The organisation currently operates a fleet of 40 vehicles dedicated to waste collection, and this sector is a significant contributor to the organization's overall emissions. To address this concern, the organisation is actively researching and developing strategies to mitigate emissions from its fleet. The objective is to obtain accurate and reliable data to calculate and estimate year-on-year reductions in emissions.

Current Situation:

Fleet Size: The organisation operates a fleet of 40 vehicles for waste collection.

Emission Source: The primary source of emissions within the organisation is the waste collection sector.

Emission Control: The organisation is committed to exploring and implementing effective measures to control fleet emissions.

Proposed Plan:

Transition away from fossil fuelled vehicles: The organisation's team has recommended transitioning to alternative fuelled vehicles as a sustainable solution to reduce emissions. This transition is **planned for implementation in 2025**.

Phasing Out Existing Fleet: To achieve a significant reduction in emissions, the organisation plans to **cease buying fossil fuelled vehicles by 2032**.

Completion of Fleet Transition: By the year 2037, the organization aims to have completed the transition to alternative fuelled vehicles (hydrogen-powered/electric/HVO vehicles) for its entire fleet.

Expected Outcome:

Carbon Emission Reduction: The implementation of alternative fuelled vehicles is projected to result in a significant reduction in carbon emissions from the fleet.

100% Emission Reduction Goal: The organisation has set a commendable goal of achieving a 100% reduction in carbon emissions from its fleet. This indicates a strong commitment to environmental sustainability.

Data Requirements:

To effectively monitor and measure progression toward these emissions reduction goals, the organisation will require the following data:

Current Emission Levels: Accurate baseline data on the current carbon emissions from the existing fleet.

Emission Reduction Targets: Specific, measurable, and time-bound targets for emissions reductions over the years leading up to 2032.

Alternative Fuelled Vehicle Performance Data: Data on the emissions performance of hydrogen-powered/electric/HVO vehicles, including fuel efficiency and emission rates.

Implementation Progress: Timely data on the phase-out of existing vehicles and the adoption of alternative fuelled vehicles as the transition progresses.

Yearly Emission Data: Yearly emissions data to assess progress and make necessary adjustments to achieve the emissions reduction goal.

In conclusion, the organisation's commitment to reducing emissions from its waste collection fleet by transitioning to alternative fuelled vehicles is a significant step towards environmental sustainability. By diligently collecting and analysing the required data, the organisation can track its progress and ensure that it achieves its ambitious **goal of a 100% reduction in carbon emissions from the fleet by 2037**. This initiative showcases the organisation's dedication to minimising its environmental impact and contributing to a cleaner, more sustainable future.

Scope 2 – Office electricity & heating

The organisation currently operates from five office locations in Manchester, and it has initiated a thorough monitoring process to track the electricity and heating consumption in these offices. Given that these office spaces are rented, the organisation has requested the landlords to explore and implement more sustainable solutions for providing electricity and heating. However, the organisation acknowledges that the success of these sustainability efforts is contingent upon the landlords taking the necessary steps to make these provisions more sustainable.

Current Situation:

Multiple Office Locations: The organisation is dispersed across five office locations in Manchester, which implies a potentially significant energy consumption footprint.

Monitoring Efforts: The organisation has embarked on a comprehensive monitoring initiative to closely track and analyse the electricity and heating usage in these offices.

Challenges and Goals:

Rental Properties: The offices are rented spaces, meaning the organisation does not have direct control over the building infrastructure and utilities.

Sustainability Goals: The organisation is committed to adopting more sustainable practices, including reducing energy consumption and promoting environmentally friendly alternatives.

Landlord Involvement: The success of these sustainability initiatives heavily relies on the willingness and cooperation of the landlords to implement sustainable solutions.

Collaboration with Landlords:

The success of this sustainability endeavor hinges on effective collaboration with the landlords. In summary, while the organization has taken commendable steps to monitor and advocate for sustainable electricity and heating solutions in its rented office spaces, the success of these initiatives depends on the cooperation and actions of the landlords. By maintaining open and collaborative communication and providing data-driven insights, the organization can encourage landlords to embrace sustainability, reduce energy consumption, and contribute to a more environmentally responsible future.

Scope 3 –

Upstream & Downstream: 0

The nature of our organisation's business activities does not directly contribute to upstream or downstream emissions.

Waste generated in operation:

Due to the inherent characteristics of our organisation's business operations, we have successfully transitioned to a completely paperless approach, except in cases where specific situations necessitate the generation of physical documents. We have taken measures to ensure that our clients receive all documentation related to waste collection and disposal in electronic formats exclusively.

Commuting:

This area undergoes continuous monitoring and reporting to our management. Our team has put forth several recommendations that are currently under consideration by the board of directors. These recommendations include:

1. The successful implementation of a "cycle to work" scheme, which has already enrolled five employees out of our current workforce of 120.
2. Exploring the option of offering financial assistance in the form of loans to enable our staff to acquire electric vehicles (EVs).

3. Evaluating the feasibility of introducing electric scooters for employees who live within a 2-mile radius of the office. This assessment involves considering factors such as weather conditions, safety measures, and the durability of the scooters.
4. Exploring the potential implementation of a scheme aimed at incentivising staff to use public transportation as an eco-friendly commuting option.

In the long term, our management is committed to implementing some or all of these recommendations based on their viability and cost implications **by 2025**.

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 standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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) Standard³.

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

Signed on behalf of the Supplier:



Colin Harvey
Commercial Director

Date: 25th September, 2023

¹<https://ghgprotocol.org/corporate-standard>

²<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

³<https://ghgprotocol.org/standards/scope-3-standard>