

Carbon Reduction Strategy Statement

Issue No.1 01 April 2025

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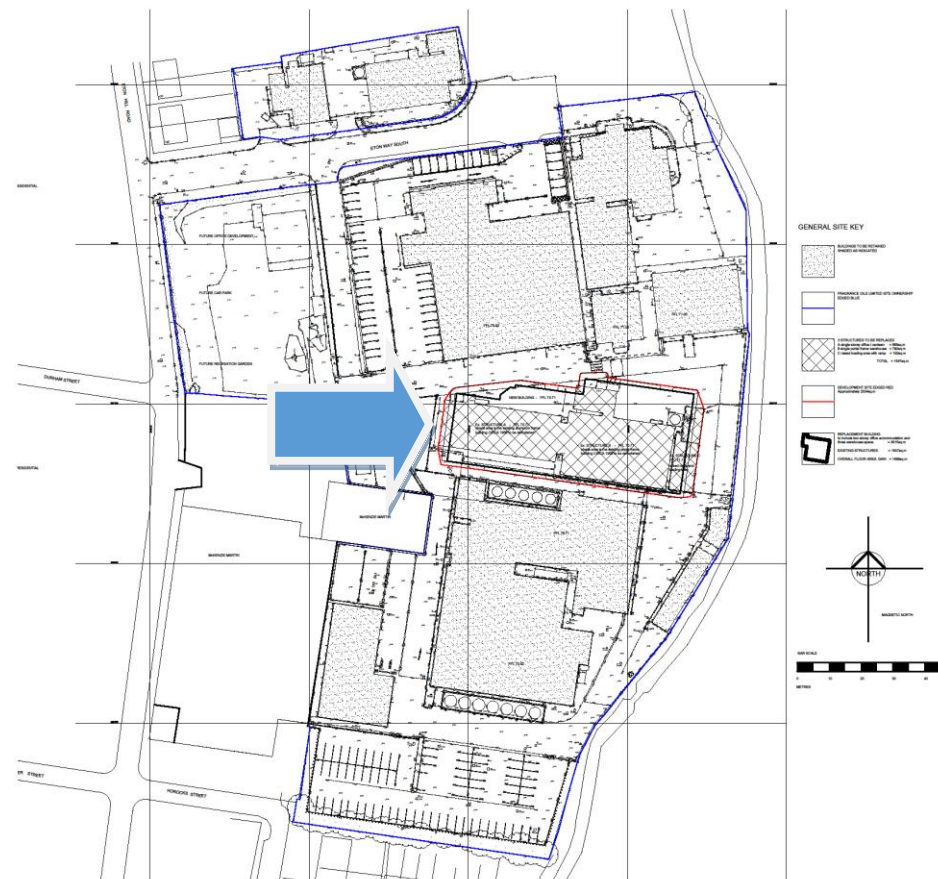
Francis Haigh Associates
Planning and Design Consultants.

Fragrance Oils Limited, Eton Hill Road, Eton Way South, Radcliffe, Bury M26 2FR Carbon Reduction Energy Strategy (Energy and Client Change Adaption Statement)

TO ACCOMPANY the PLANNING APPLICATION for the Redevelopment of Existing Facilities known as the BT Site

Site Layout

Grid Reference: 379505, 408170



Carbon Reduction Energy Strategy (Energy and Client Change Adaption Statement)

MANAGEMENT STRATEGY PLAN

The Management Fragrance Oils Limited accept it is their duty and responsibility to take effective action to reduce the carbon footprint of all new development and the older building within the plant. We understand the need to combat climate change to create a sustainable future by aiming for the Carbon Reduction target set by the government. The company strategy for Carbon Reduction is not solely based on the use of energy efficient construction methods or materials used for new or refurbished buildings but in encouraging the site personnel, existing or new, by education on energy efficiency and awareness of the environmental responsibility by expanding their responsibilities into sustainable transport, optimizing supply chains, the use low energy office technology and office working practices.

By providing energy-efficient practices and embracing innovative solutions, we can make a significant impact on reducing emissions and promoting a greener economy if we maintain a five-step approach as a goal towards 2030 targets and Carbon Neutral by 2050

STEP 1- Introduce a Consulting Partner

Securing the long-term help of an Energy Business Development Consultant would focus the Management team with direction and goals, make the company responsible to aim and achieve realistic targets set by people are experienced in energy efficiency and carbon reduction in all situations. The Fragrance Oils Limited have a number of buildings built before 1990 and although it is company policy to regenerate these properties this can only start when the building become vacated, it will be an important step to record all the plant buildings to document their original construction and services as a record of progress and allow a realistic schedule for upgrading building. The Consulting Partner would advise on the most efficient and cost-effective way forward or new technology available. collaborate with other industry partners and government agencies to share best practices and develop industry-wide initiatives and inform the company on possible financial initiatives.

STEP 2 - Set Targets

The need the set realistic, not unattainable, targets or goals on carbon emissions. Targets will focus all personnel on the task and give clear direction to the management and staff alike. These targets can be introduced as a clear indication of company intent to achieve carbon reduction targets. By setting goals, the management can track their progress over time. These targets can include reducing emissions from other energy consumption such as transportation, office energy and supply chains. The company will need a dedicated company member to consult with the Partner is crucial and regularly updates of the targets and monitor evolving technology or standards. Finances will be needed to train such a person and again the Consulting Partner would be the choice to advise.

STEP 3 – Education, Engaging Tenant and Employees

The unique part of working in a multi-disciplined environment such as Fragrance Oils Limited is the variation of processes being performed daily, no two processes will need the same advice, engaging with their employees is key to creating a culture of environmental responsibility. The management will need to provide training and educational programmes to raise awareness about energy efficiency, carbon reduction, and sustainable practices. There will always be a common need, for all disciplines, as each individual process go about their daily routine, they will generate waste. Reducing waste and promoting recycling are effective strategies for reducing carbon emissions, most waste is recyclable but not all employees consider this an important step to in carbon reduction yet the gross amount of waste off site will run into tens if not hundreds of tonnes a year.

Employees could be offered incentives to use public transport, carpools, or cycle to work and use virtual meeting all of these will reduce travel related carbon emissions. Encouraging employees to contribute ideas and participate in sustainability programs will increase individual understanding and awareness and help build a sustainable future carbon reduction programme.

STEP 4 - Energy-Efficient Technologies

Solar power is a big contributor to both the unit and some cases the national grid, creating excess energy can result in a source of revenue on excessive power generation but the number of solar panels need for this to become a reality need expert consideration and a lot of roof area. Air source heat pumps will remove the use of gas which is a fossil fuel and together with solar energy could potentially make some building energy self-sufficient.

Solar glazing and aluminium windows can increase the heat efficiency of a building, reduce heating requirements, and is a recyclable material

Energy-efficient technologies and equipment is crucial for reducing energy consumption and carbon emissions. Installing or upgrading to energy-efficient power and lighting systems and appliances will contribute to the overall carbon reduction and energy savings. Sensor or motion activated lighting systems in large areas are necessary are another example of retrofit solutions.

The emerging technology from Photovoltaic glazing in particular windows, roof lights and curtain walling are certainly something we are watching its development

Electric vehicle charging points need careful consideration because of the car park location but a step forward would be to encourage the use of electric fleet vehicles

STEP 5 - Monitor and Report

There is no point in any of the previous steps without knowing how the system is working. Monitoring and reporting progress is essential for accountability and identifying success or failure and if improvement is needed. Consulting Partners will be the independent voice to track key performance indicators related to energy consumption, carbon emissions, and other sustainability metrics. If all parties embrace a carbon reduction strategy we will benefit from reduced operating costs, enhance our brand name, be part of a cleaner working environment and contribute to the sustainability of our planet

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MANAGEMENT MISSION STATEMENT

The Management of Fragrance Oils International Limited recognises the impact of climate change and the need to be sustainable and as such will be net zero as an organisation by 2050. In parallel to this, we will work with all employees, and supplier groups to make the company carbon neutral in line with national targets. Climate change is the biggest environmental threat that the world currently faces, and we all have responded to the evolving climate change issues by committing to reduce CO2 emissions in the coming decades. In June 2019, the UK Government set a legally binding target for the UK to achieve net zero greenhouse gas emissions by 2050. Our commitment is to play our part in achieving that goal by example and education.

THIS DEVELOPMENT: Putting Carbon Reduction into Practice

Solar Power

This building could benefit from carbon neutral technology by the introduction of solar power covering the roof area to generate electricity, eventually the panel area will be increased to become carbon neutral, however the use of translucent cladding will provide a high daylight factor to the warehouse spaces

Air Source Pumps

Air source heat pumps will be considered for heating and therefore removing all need for gas energy.

Glazing

Glazing will be sourced from the energy ranges of the available manufacturers and suppliers; windows frames will be aluminium a sustainable material that can be recycled several times.

Building Fabric

The building fabric will conform to the current Approved Documents but with greater emphasis on air tightness. The company presently installs rapid rise PVC door systems behind the sectional service doors to retain internal heat.

Electric Charging points

Electric charging points for both motor cars and larger vehicles are being investigated to encourage carbon neutral vehicles

Cycle Storage

Protected cycle storage will be provided and to encourage cycle use the building will have an individual shower and changing room.

F.Haigh