

Carbon Reduction Plan

Publication Date 7th August 2023

Commitment to Achieving Net Zero

Stroma Building Control is committed to achieving net zero net zero emissions by 2050 at the latest. This is the first year that Stroma Building Control has started to monitor our emissions and we will use our baseline emissions data to build on our environmental performance.

Baseline Year Emissions

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	August 2022/ July 2023
Emissions	Total (tCO2e)
Scope 1	5.9
Scope 2	18.9
Scope 3	277.1
Total Emissions	301.9
Average CO ₂ Emissions per person (tons)	2.082
Average CO ₂ Emissions per person per day (kgs)	8.97
Trees required to offset	4,529

Stroma Building Control utilised the SSE Carbon Solution Footprint Calculator to calculate our business expenses. Moving forward, we will continue to gather data each year to evaluate our performance concerning individual emission scopes.

Emissions Reduction Targets

Stroma Building Control is committed to achieving Net Zero and will adopt the following carbon reduction targets. Our goal is to decrease carbon emissions by 15% over the next five years, and we will closely monitor progress to make further reductions where possible.

To achieve the reduction, Stroma Building Control will be aiming to undertake the following actions in the next 5 years:

- Aim to expand our fleet of company cars to hybrid and electric vehicles, therefore, reducing the number of petrol and diesel vehicles used.
- Aim to reduce the amount of energy usage in our offices and where possible, engage with the landlords to install renewables such as Solar PV.
- Explore the options of purchasing the energy we use for oil, gas and electricity from 100% renewable sources and encourage our office landlords to do the same.
- The implementation of an effective environmental training programme to ensure everyone is aware of their roles and responsibilities.
- To ensure accurate reporting data, it is important to enhance the existing data collection methods by implementing an effective process that is detailed enough.
- Implement an effective building maintenance review programme that focuses on energy efficiency, such as the use of LED lighting, room sensors, timers, etc.
- Aim to improve our air conditioning systems, where possible changing the current system to more energy-efficient models that utilise less harmful refrigerant gases and prevent leaks.
- Review improvements to cycling facilities for colleagues.

Declaration and Sign Off

This Carbon Reduction Plan has been completed using the latest information available to Stroma Building Control concerning our business activities. It has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

This Carbon Reduction Plan has been reviewed by the Stroma Building Control board of directors and signed on their behalf by the Managing Director Mr Ian O'Connor.



Mr Ian O'Connor

Date Approved: 7th August 2023