

Carbon Reduction Plan

Supplier name: Carbon Free group CIC

Publication date: 30/09/22

Commitment to achieving Net Zero

Carbon Free Group 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: 2021			
Additional Details relating to the Baseline Emissions calculations.			
	Activities	Comments	Included/ Excluded
Scope 1	Natural Gas consumption	Measuring staff's home emissions directly	Included
	Company vehicles	No activities	Excluded
	Fugitive emissions	No activities	Excluded
Scope 2	Purchased electricity	Measuring staff's home emissions directly	Included
Scope 3	Water Supply and Disposal	Measuring staff's home emissions directly	Included
	Upstream transportation and distribution	No activities	Excluded
	Waste generated in operations	No activities	Excluded
	Business travel	To be included in the next reporting cycle	Excluded
	Employee commuting	To be included in the next reporting cycle	Excluded
	Downstream transportation and distribution	No activities	Excluded
Baseline year emissions: 0.49 tCO ₂ e			

EMISSIONS	TOTAL (tCO₂e)
Scope 1	0.09
Scope 2	0.35
Scope 3 (Included Sources)	0.06
Total Emissions	0.49 (tCO₂e)

Current Emissions Reporting

Reporting Year: 2021	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	0.09
Scope 2	0.35
Scope 3 (Included Sources)	0.06
Total Emissions	0.49 (tCO₂e)

Emissions Reduction Targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets and methodologies:

In 2022 and moving forward CFG is committed to offsetting a minimum of **400%** of our identified emissions (see the end of the document for carbon offset certificate) in order to make CFG immediately beyond net zero and carbon negative. This enables us to much more than makeup for any additional emissions that are currently beyond scope of measurement. Additionally, it demonstrates the leadership that is necessary to rise up and meet the sustainability challenges that we all face.

Additionally, CFG is committed to:

- Encourage staff to switch to 100% REGO electricity and Renewable Natural Gas where possible.
- From 2022 keep consistent, high-quality travel emission records for reporting this element of our Scope 3 emissions.
- Continue to offset more emissions than those associated with CFG activities to keep CFG carbon negative.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2021 baseline. The carbon emission reduction achieved by these schemes equates to 2tCO₂e, a 400%ge reduction against the 2021 baseline.

In the future, we hope to implement further measures such as:

CFG is currently developing our own proprietary biochar technology which will enable for vast increases in carbon sequestration on our related project sites. In time biochar projects will likely multiply the net benefit many times more than the company's current quadruple offset via atmosfair¹.

We project that carbon emissions will be offset directly over the next five years to over 50 tCO₂e/yr by 2027. This would equate to a reduction of -4000% of the 0.49 tCO₂e total emissions from 2021.

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 standard² and uses the appropriate Government emission conversion factors for greenhouse gas company reporting³.

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) Standard⁴.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors.

¹<https://www.atmosfair.de/en/offset/fix/>

²<https://ghgprotocol.org/corporate-standard>

³<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

⁴<https://ghgprotocol.org/standards/scope-3-standard>

Signed on behalf of the Supplier:

Jae Mather

CEO Carbon Free Group CIC

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Date:30/09/22.....

think • go climate conscious



Certificate

for offsetting greenhouse gas emissions

Carbon Free Group CIC
has offset **2,000 kg**
of CO₂ greenhouse gases on Sep 30, 2022.

What does your climate protection contribution accomplish?

With your climate protection contribution with the amount of 46.00 Euro, you are supporting the following



Efficient stove systems for families in Nigeria

Your climate protection contribution finances 1-2 stove systems consisting of a pot, a pan, and a Wonderbox.



Electricity generation from mustard seed crop residues in India

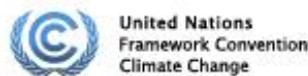
Your contribution provides 3 households with one year of renewable electricity.



Construction of biogas units for households in Kenya

Your climate protection contribution pays for one stove - which runs on biogas.

Since 01.01.2021, atmosfair implemented the authorization of projects according to the new framework of the Paris Agreement. The projects listed here have already received approval from the host countries (incl. so-called Corresponding Adjustments) or use CO₂ reductions from before the above reference date in order to avoid double counting.



See more at
www.atmosfair.de/en