



# Emissions Reduction Strategy

PROfound Leadership

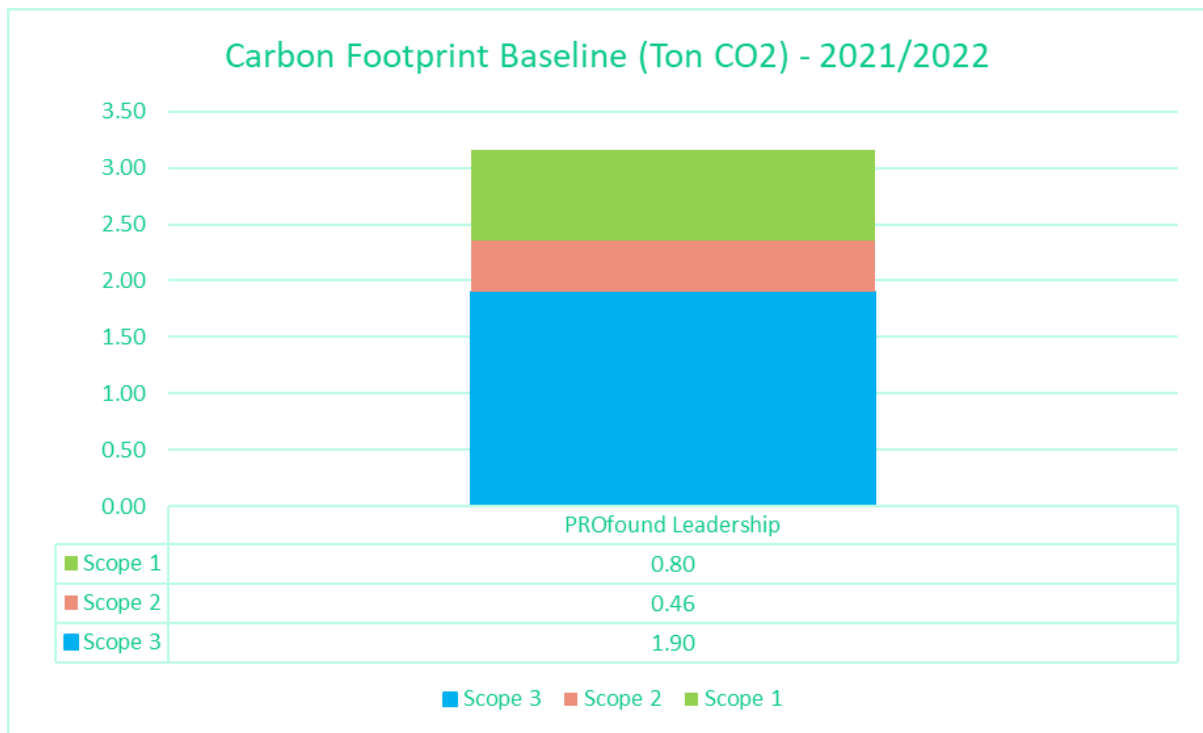
## Introduction

Carbon dioxide (CO<sub>2</sub>) emissions are one of the primary drivers of climate change, as they trap heat in the atmosphere and contribute to global warming. To address this issue, many governments, organizations, and individuals are developing strategies to reduce CO<sub>2</sub> emissions.

A carbon dioxide emissions reduction strategy is a comprehensive plan that outlines specific actions to reduce greenhouse gas emissions, particularly CO<sub>2</sub>, while maintaining economic growth and ensuring energy security. This strategy involves a combination of measures, such as improving energy efficiency, increasing the use of renewable energy sources, promoting sustainable transportation systems, and reducing waste to landfill.

The goal of this strategy is to mitigate the adverse effects of climate change and limit global warming to 1.5 degrees Celsius above pre-industrial levels, as outlined in the Paris Agreement

## Emissions Baseline



### Total Emissions

Scope 1 emissions: 0.80 tCO<sub>2</sub> -e

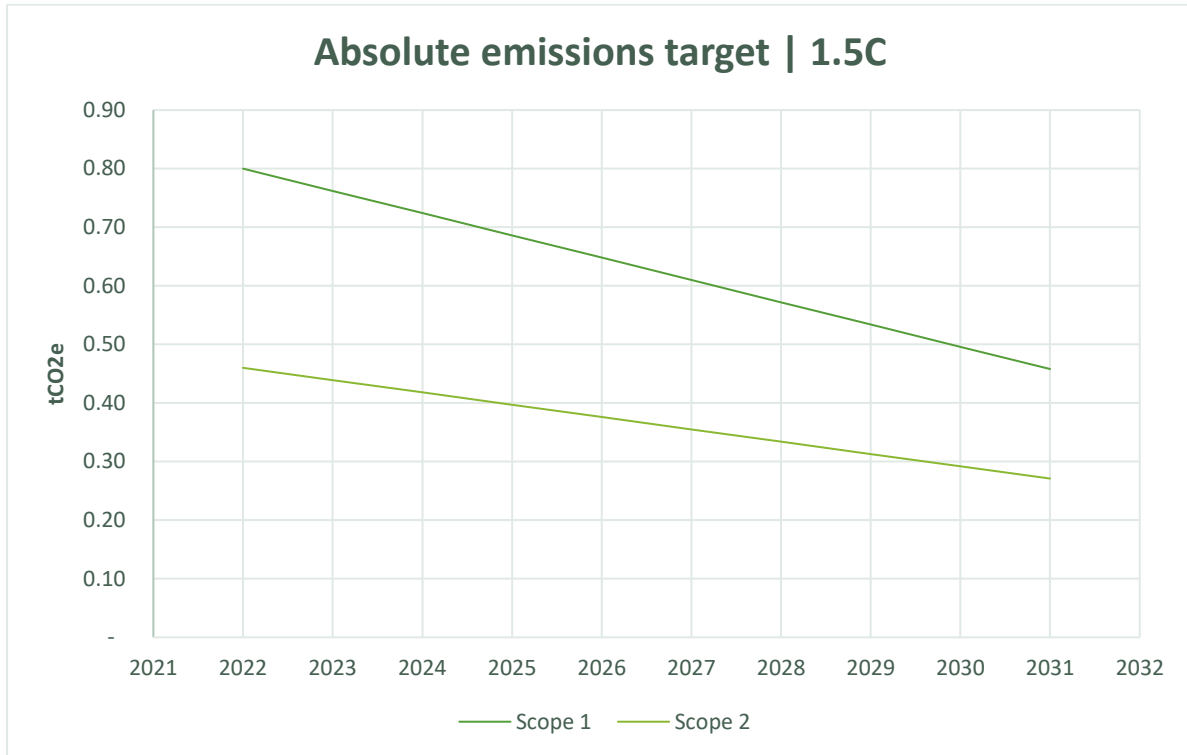
Scope 2 emissions: 0.46 tCO<sub>2</sub> -e

Scope 3 emissions: 1.90 tCO<sub>2</sub> -e



## Science Based Emissions Reduction Target 2025 (Scope 1 and 2)

We aim at achieving Carbon Neutrality by 2023 by reducing Scope 1 and Scope 2 GHG emissions 5% below 2022 levels, according to the Science Based Targets Initiative SBTi and offsetting remaining emissions.



### Absolute Contraction 1.5°C

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Scope 1 emissions (tCO <sub>2</sub> e)	0.80	0.76	0.72	0.69	0.65	0.61	0.57	0.53	0.50	0.46
Scope 2 emissions (tCO <sub>2</sub> e)	0.46	0.44	0.42	0.40	0.38	0.36	0.33	0.31	0.29	0.27
Scope 1+2 emissions (tCO <sub>2</sub> e)	1.26	1.20	1.14	1.08	1.02	0.97	0.91	0.85	0.79	0.73



#### Scope 1 emissions:

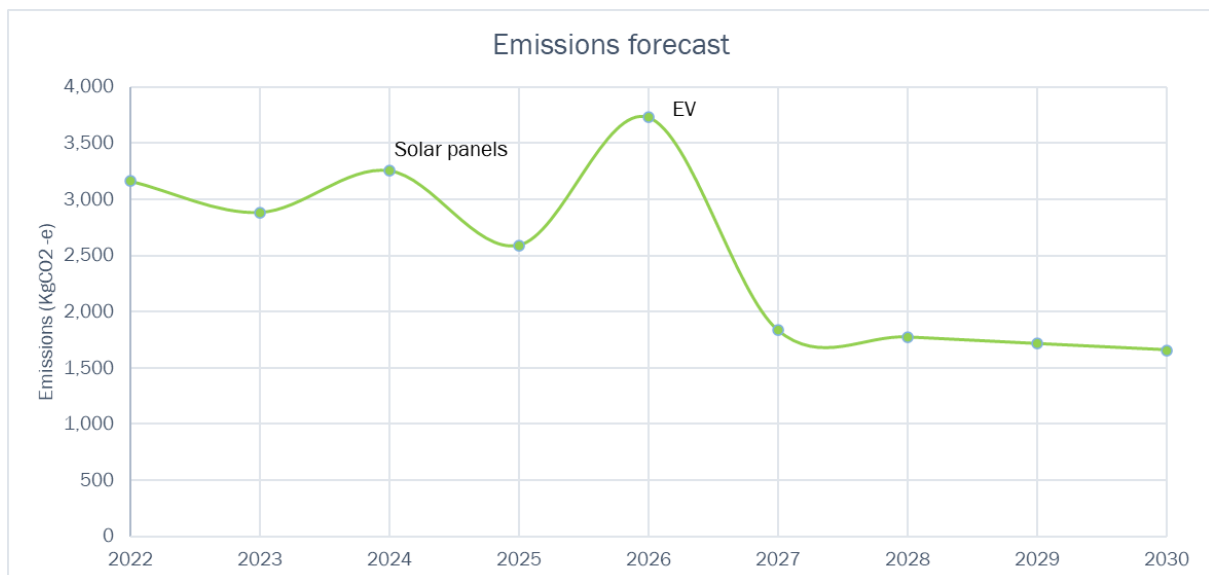
- company's vehicles emissions
- Natural gas consumption

#### Scope 2 emissions:

- Electricity purchased

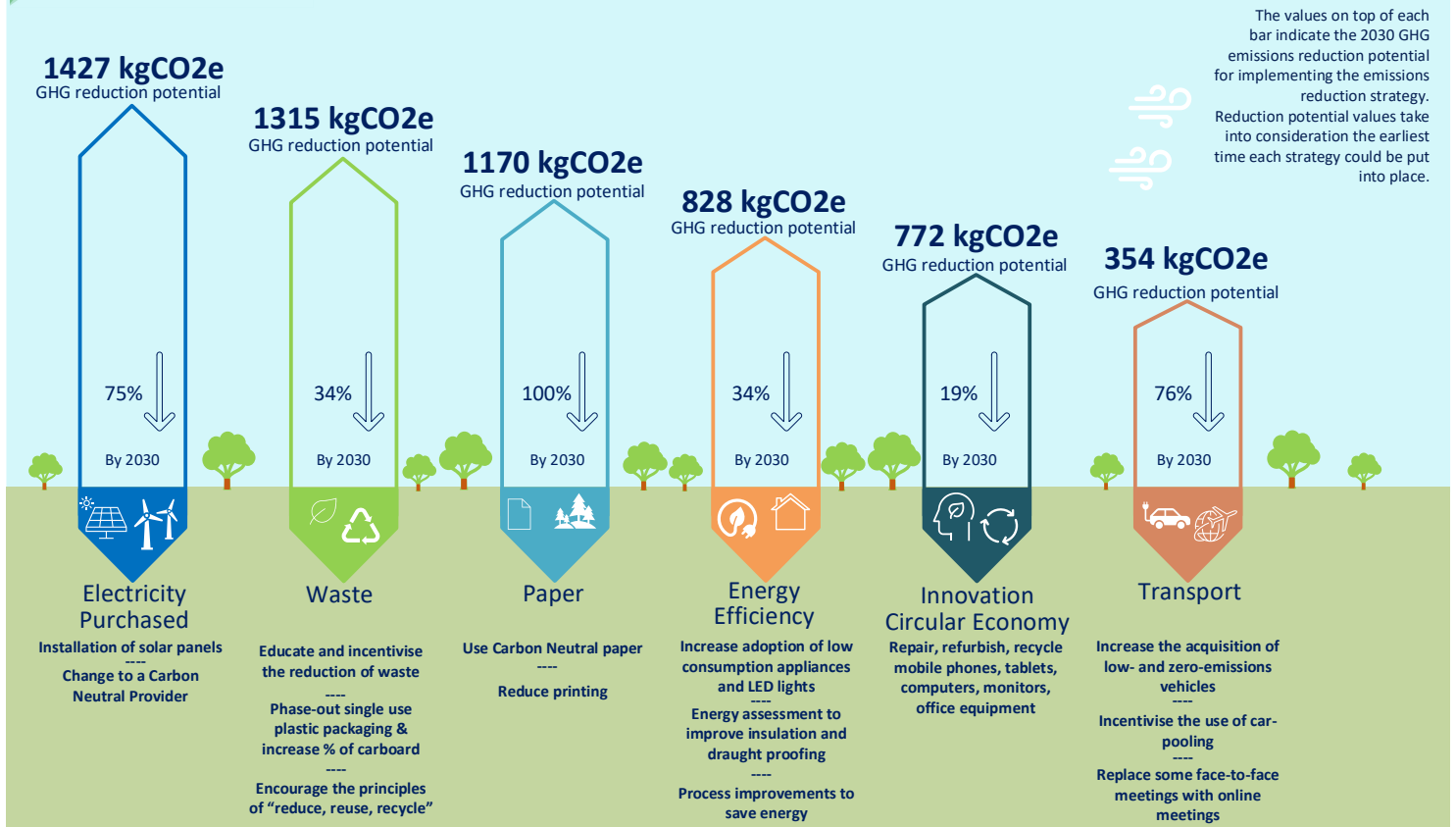
## Emissions Reduction Strategy 2031

The forecasted annual emissions -for Scope 1, 2 and 3- until 2030 can be seen on the diagram below. There are two increases on the annual emissions: in 2024 it is due to the installation of solar panels, and the spike in 2026 is due to the acquisition of an electric vehicle to replace the current fossil fuel car.



## PROfound Leadership

## EMISSIONS REDUCTION STRATEGY



## Categories

- 1) Transport
- 2) Energy efficiency
- 3) Electricity Purchased
- 4) Waste Reduction Program
- 5) Paper
- 6) Innovation

## Transport

- Incentivise the use of car-pooling
- Increase the acquisition of low- and zero-emissions vehicles
- Replace some face-to-face meetings with online meetings
- Optimise air travels

## Energy Efficiency

- Adoption of low consumption appliances
- Widespread adoption of LED bulbs
- Energy assessment
- Process improvements to save energy

## Electricity Purchased

- Installation of solar panels
- Buy Renewable Energy Certificates (RECs)
- Change to a Carbon Neutral provider



**Waste**

- Incentivise the reduction of organic waste
- Phase-out single use plastic packaging
- Apply the principles of “reduce, reuse, recycle”

**Paper**

- Reduce printing
- Buy Carbon Neutral paper

**Circular economy**

- Increase mobile devices, computers, monitors and office equipment circular economy: repair, refurbish, recycle

## Emissions Reduction Plan

### Transport

Initiative	Timeframe							
	2023	2024	2025	2026	2027	2028	2029	2030
Incentivise the use of car-pooling	✓	✓	✓	✓	✓	✓	✓	
Increase the acquisition of low- or zero-emissions vehicles				✓	✓	✓	✓	✓
Replace some face-to-face meetings with online meetings	✓	✓	✓	✓	✓	✓	✓	✓
Optimise air travels	✓	✓	✓	✓	✓	✓	✓	✓

### Energy Efficiency

Initiative	Timeframe							
	2023	2024	2025	2026	2027	2028	2029	2030
Adoption of low consumption appliances			✓	✓	✓	✓	✓	
Widespread adoption of LED bulbs	✓	✓	✓	✓	✓	✓	✓	✓
Energy assessment to improve insulation by installing double glazing, improving wall, ceiling and underfloor insulation, and improve draught proofing			✓					✓
Insulation Improvements implementation			✓	✓	✓	✓	✓	✓

### Electricity Purchased

Initiative	Timeframe							
	2023	2024	2025	2026	2027	2028	2029	2030
Installation of solar panels		✓						✓
Buy Renewable Energy Certificates (RECs)		✓	✓	✓	✓			
Change to a Carbon Neutral provider						✓	✓	✓



## Waste

Initiative	Timeframe							
	2023	2024	2025	2026	2027	2028	2029	2030
Educate and incentivise the reduction of organic waste	✓	✓	✓	✓	✓	✓	✓	✓
Phase-out single use plastic in packaging		✓	✓	✓	✓	✓	✓	✓
Increase the percentage of cardboard in packaging		✓	✓	✓	✓	✓	✓	✓
Encourage the principles of “reduce, reuse, recycle”		✓	✓	✓	✓	✓	✓	✓

## Paper

Initiative	Timeframe							
	2023	2024	2025	2026	2027	2028	2029	2030
Reduce Printing (i.e. join the ‘thinkBeforePrinting.org’ Campaign)		✓	✓	✓	✓	✓	✓	✓
Buy Carbon Neutral paper	✓	✓	✓	✓	✓	✓	✓	✓

## Innovation – Circular Economy

Initiative	Timeframe							
	2023	2024	2025	2026	2027	2028	2029	2030
Increase mobile devices, computers, monitors and office equipment circular economy: repair, refurbish, recycle	✓	✓	✓	✓	✓	✓	✓	



## Appendix: Detailed calculations

### Baseline

Category	Baseline (kgCO <sub>2</sub> eq)	small organisations uplift (kgCO <sub>2</sub> eq)	Baselined with Uplift (kgCO <sub>2</sub> eq)
Paper	91.57	4.58	146.15
Innovation Circular Economy	367.25	18.36	634.61
Transport	537.53	26.88	564.41
Energy Efficiency	372.55	18.63	515.68
Waste	661.80	33.09	819.39
Electricity	459.59	22.98	482.57
total			<b>3,162.81</b>

### 2023

Category	% Reduction	Emissions from Capital purchase (kgCO <sub>2</sub> -e)	Emissions forecasted (kgCO <sub>2</sub> -e)	Organic emissions (kgCO <sub>2</sub> -e) – No Capital purchase	Emissions reduction (kgCO <sub>2</sub> -e)
Paper	100%	0.00	0.00	0.00	146.15
Innovation Circular Economy	5%	0.00	602.88	602.88	31.73
Transport	2%	0.00	553.12	553.12	11.29
Energy Efficiency	5%	0.00	489.89	489.89	25.78
Waste	5%	0.00	778.42	778.42	40.97
Electricity	5%	0.00	458.44	458.44	24.13
Total			<b>2,882.76</b>	2,882.76	280.05

### 2024

Category	% Reduction	Emissions from Capital purchase (kgCO <sub>2</sub> -e)	Emissions forecasted (kgCO <sub>2</sub> -e)	Organic emissions (kgCO <sub>2</sub> -e) – No Capital purchase	Emissions reduction (kgCO <sub>2</sub> -e)
Paper	5%	0.00	0.00	0.00	0.00
Innovation Circular Economy	5%	0.00	572.74	572.74	30.14
Transport	2%	0.00	542.06	542.06	11.06
Energy Efficiency	5%	0.00	465.40	465.40	24.49
Waste	5%	0.00	739.50	739.50	38.92
Electricity	5%	500.00	935.52	435.52	<b>-477.08</b>
Total			<b>3,255.21</b>	2,755.21	<b>-372.46</b>





## 2025

Category	% Reduction	Emissions from Capital purchase (kgCO <sub>2</sub> -e)	Emissions forecasted (kgCO <sub>2</sub> -e)	Organic emissions (kgCO <sub>2</sub> -e) – No Capital purchase	Emissions reduction (kgCO <sub>2</sub> -e)
Paper	5%	0.00	0.00	0.00	0.00
Innovation Circular Economy	5%	0.00	544.10	544.10	28.64
Transport	2%	0.00	531.21	531.21	10.84
Energy Efficiency	5%	0.00	442.13	442.13	23.27
Waste	5%	0.00	702.52	702.52	36.97
Electricity	15%	0.00	370.19	370.19	565.33
<b>Total</b>			<b>2,590.16</b>	2,590.16	665.05

## 2026

Category	% Reduction	Emissions from Capital purchase (kgCO <sub>2</sub> -e)	Emissions forecasted (kgCO <sub>2</sub> -e)	Organic emissions (kgCO <sub>2</sub> -e) – No Capital purchase	Emissions reduction (kgCO <sub>2</sub> -e)
Paper	5%	0.00	0.00	0.00	0.00
Innovation Circular Economy	5%	0.00	516.90	516.90	27.21
Transport	10%	1,500.00	1,978.09	478.09	-1,446.88
Energy Efficiency	5%	0.00	420.02	420.02	22.11
Waste	5%	0.00	667.40	667.40	35.13
Electricity	60%	0.00	148.08	148.08	222.11
<b>Total</b>			<b>3,730.49</b>	2,230.49	-1,140.33

## 2027

Category	% Reduction	Emissions from Capital purchase (kgCO <sub>2</sub> -e)	Emissions forecasted (kgCO <sub>2</sub> -e)	Organic emissions (kgCO <sub>2</sub> -e) – No Capital purchase	Emissions reduction (kgCO <sub>2</sub> -e)
Paper	0%	0.00	0.00	0.00	0.00
Innovation Circular Economy	0%	0.00	516.90	516.90	0.00
Transport	70%	0.00	143.43	143.43	1834.67
Energy Efficiency	5%	0.00	399.02	399.02	21.00
Waste	5%	0.00	634.03	634.03	33.37
Electricity	5%	0.00	140.67	140.67	7.40
<b>Total</b>			<b>1,834.05</b>	1,834.05	1,896.44



## 2028

Category	% Reduction	Emissions from Capital purchase (kgCO <sub>2</sub> -e)	Emissions forecasted (kgCO <sub>2</sub> -e)	Organic emissions (kgCO <sub>2</sub> -e) – No Capital purchase	Emissions reduction (kgCO <sub>2</sub> -e)
Paper	0%	0.00	0.00	0.00	0.00
Innovation Circular Economy	0%	0.00	516.90	516.90	0.00
Transport	2%	0.00	140.56	140.56	2.87
Energy Efficiency	5%	0.00	379.07	379.07	19.95
Waste	5%	0.00	602.33	602.33	31.70
Electricity	5%	0.00	133.64	133.64	7.03
Total			<b>1,772.49</b>	1,772.49	61.55

## 2029

Category	% Reduction	Emissions from Capital purchase (kgCO <sub>2</sub> -e)	Emissions forecasted (kgCO <sub>2</sub> -e)	Organic emissions (kgCO <sub>2</sub> -e) – No Capital purchase	Emissions reduction (kgCO <sub>2</sub> -e)
Paper	0%	0.00	0.00	0.00	0.00
Innovation Circular Economy	0%	0.00	516.90	516.90	0.00
Transport	2%	0.00	137.75	137.75	2.81
Energy Efficiency	5%	0.00	360.12	360.12	18.95
Waste	5%	0.00	572.21	572.21	30.12
Electricity	5%	0.00	126.96	126.96	6.68
Total			<b>1,713.93</b>	1,713.93	58.56

## 2030

Category	% Reduction	Emissions from Capital purchase (kgCO <sub>2</sub> -e)	Emissions forecasted (kgCO <sub>2</sub> -e)	Organic emissions (kgCO <sub>2</sub> -e) – No Capital purchase	Emissions reduction (kgCO <sub>2</sub> -e)
Paper	0%	0.00	0.00	0.00	0.00
Innovation Circular Economy	0%	0.00	516.90	516.90	0.00
Transport	2%	0.00	134.99	134.99	2.75
Energy Efficiency	5%	0.00	342.11	342.11	18.01
Waste	5%	0.00	543.60	543.60	28.61
Electricity	5%	0.00	120.61	120.61	6.35
Total			<b>1,658.21</b>	1,658.21	55.72

