

CARBON REDUCTION PLAN

COMMUNITY

AMBULANCE SERVICE LIMITED (CAS)

COMMITMENT TO ACHIEVING NET ZERO  
BY 2040 FOR DIRECT EMISSION  
AND 2045 FOR ALL EMISSIONS

This Carbon Reduction Commitment and Plan is available on our website.

PUBLICATION DATE 1/8/2024



# 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 serve as the reference point against which emissions reduction can be measured. However, since this is our first year of calculation, our baseline and current year emissions are identical.





## Baseline Emissions Footprint

Baseline Year: 2023	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	958
Scope 2	Location Base: 42.5 70.5 Market Base:
Scope 3 (Included Sources)	839
	<b>Goods &amp; Services 473.68</b>
	<b>Energy Supply 254.44</b>
	<b>Commuting 48.92</b>
	<b>Business Travel 40.85</b>
	<b>Transport Upstream 15.60</b>
	<b>Waste 5.86</b>
<b>Total Emissions</b>	1868 Market Base 1840 Location Base

## Current Emissions Reporting

Current Year: 2023	
Baseline year emissions: 2023	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	958
Scope 2	Location Base: 42.5 Market Base: 70.5
Scope 3 (Included Sources)	839
	<b>Goods &amp; Services 473.68</b>
	<b>Energy Supply 254.44</b>
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<b>Total Emissions</b>	1868 Market Base 1840 Location Base



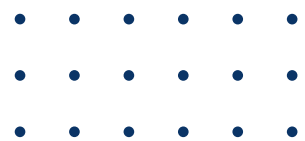
COMMUNITY AMBULANCE SERVICE LIMITED (CAS)

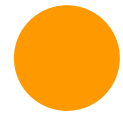
# Emissions Reduction Targets

To achieve Net Zero, and in line with the Science Based Targets initiative SBTi, we have adopted the following carbon reduction targets:

We are committing to reduce our Scope 1 & 2 emissions by at least 45% by 2030 and 90% by 2040.

We are committing to reduce our Scope 3 emissions by at least 30% by 2030 and 90% by 2045.





# Carbon Reduction Projects

We are committed to monitoring our carbon emissions and conducting annual carbon footprint calculations covering all three scopes. This commitment will be effective throughout the duration of the contract.

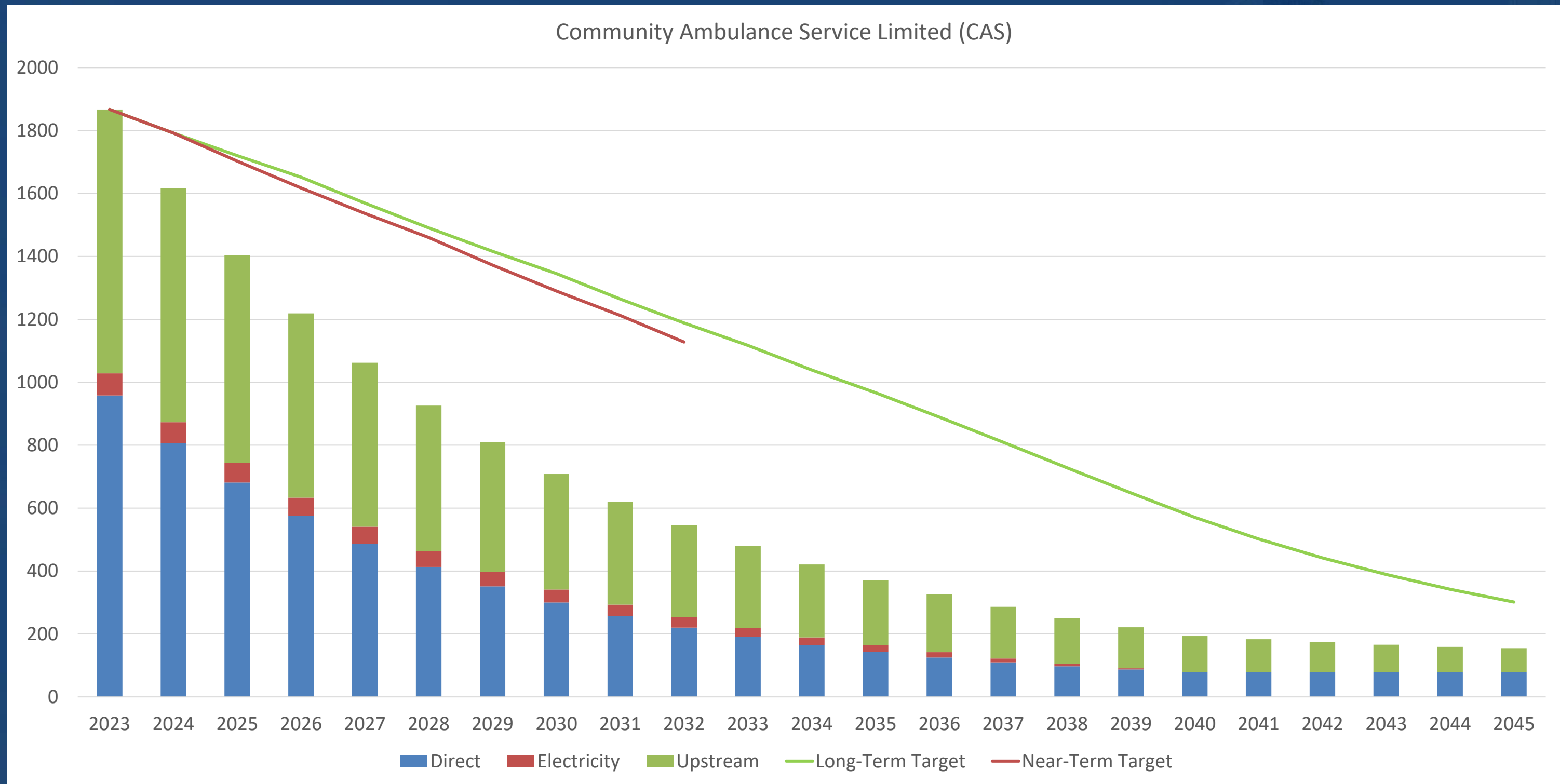


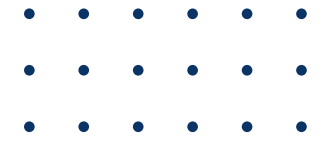


# Carbon Reduction Projects

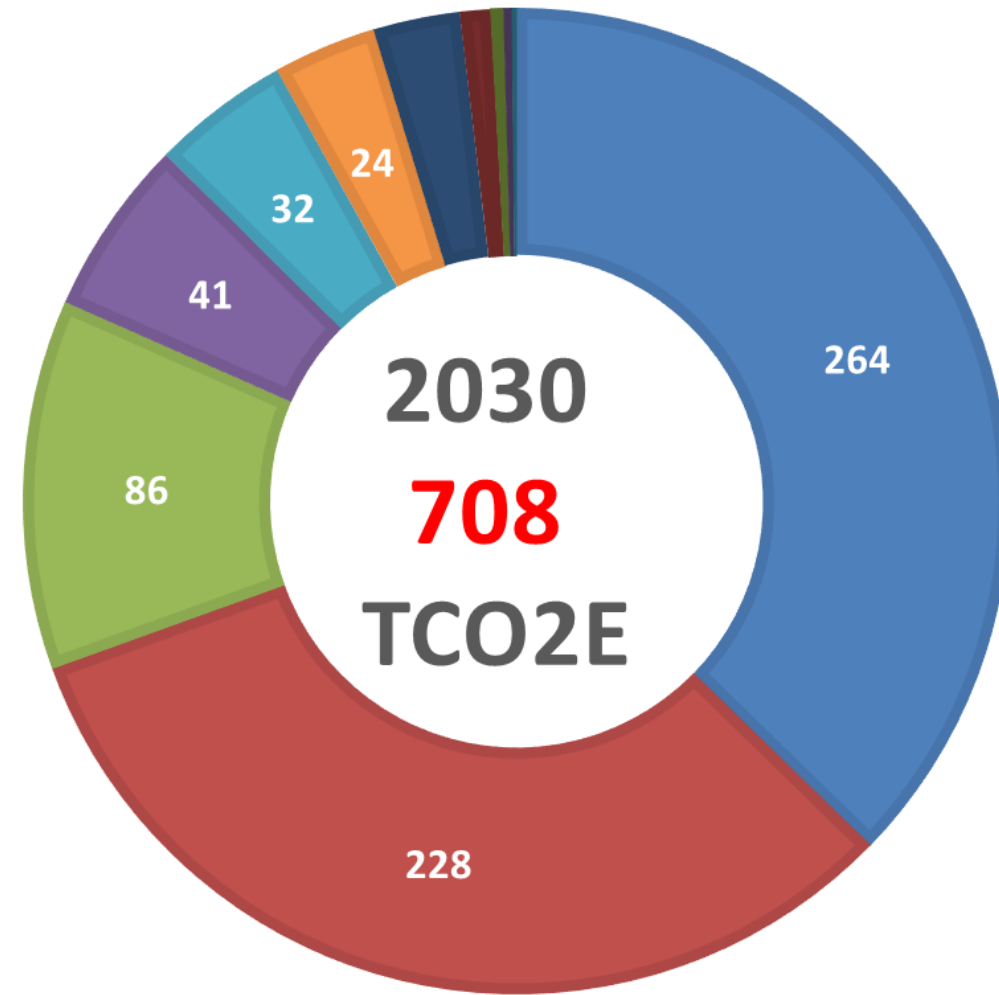
1. Gradually replace all petrol and diesel vehicles with electric vehicles (EVs) by 2040.
2. Gradually replace all gas boilers with zero-carbon solutions by 2040.
3. Transition to 100% renewable electricity by 2040.
4. Gradually reduce emissions from purchased goods and services by 90% by 2045 by working with suppliers to obtain activity-based data, shifting from spend-based analyses to actual CO2e reductions.
5. Encourage employees to consider alternative commuting options, offering schemes within the next five years, such as:
  - Cycle-to-work programs.
  - EV salary sacrifices schemes.
6. Gradually reduce emissions from business flights by 90% by 2045.
7. Reduce emissions from upstream transportation by utilising more eco-friendly routes, aiming for a 90% reduction in transportation emissions by 2045.
8. Collaborating with overseas supplier to reduce air shipments.
9. Reduce emissions from our waste by 90% by 2045.

**These steps will collectively help us reduce our emissions by 92%.**

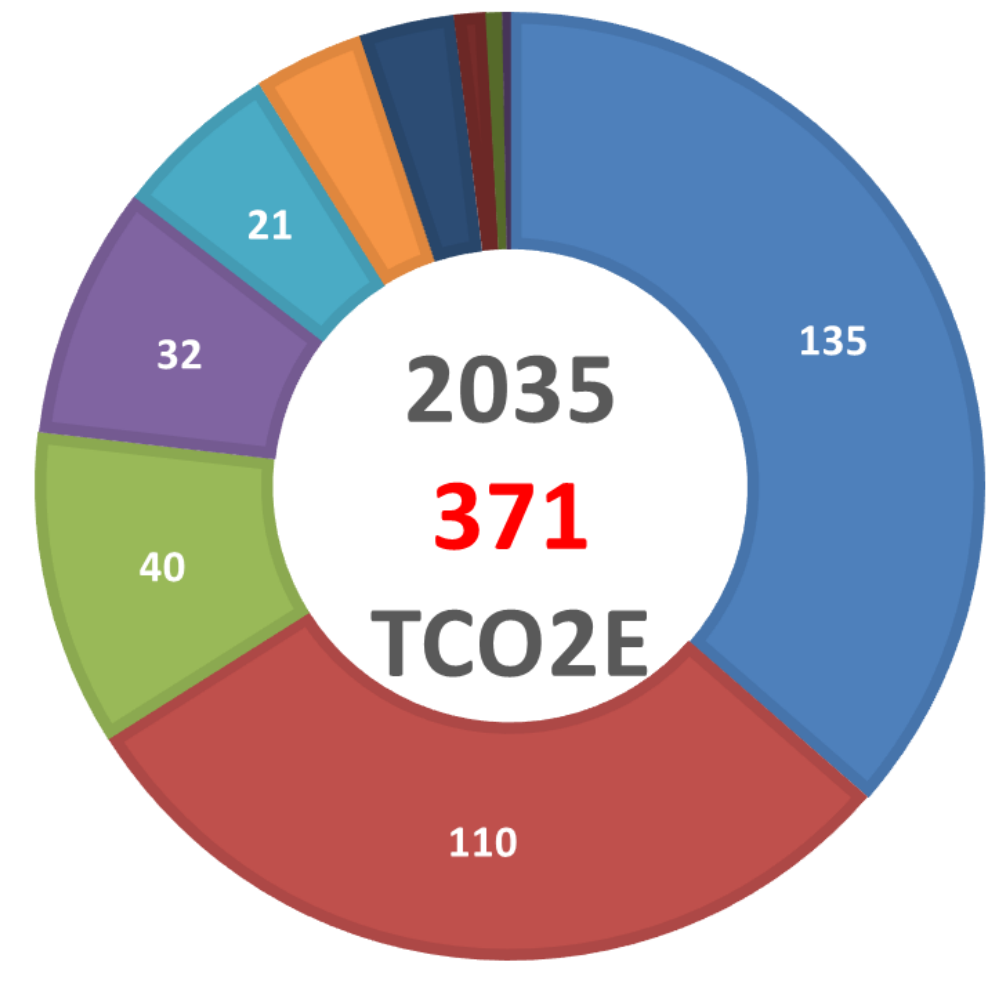




- Mobile Combustion
- Goods & Services
- Energy Supply
- Electricity
- Stationary Combustion
- Commuting
- Business Travel
- Transport Upstream
- Waste
- Process Emissions
- Fugitive Emissions



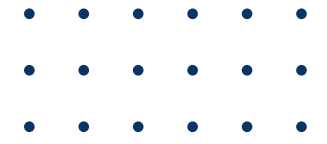
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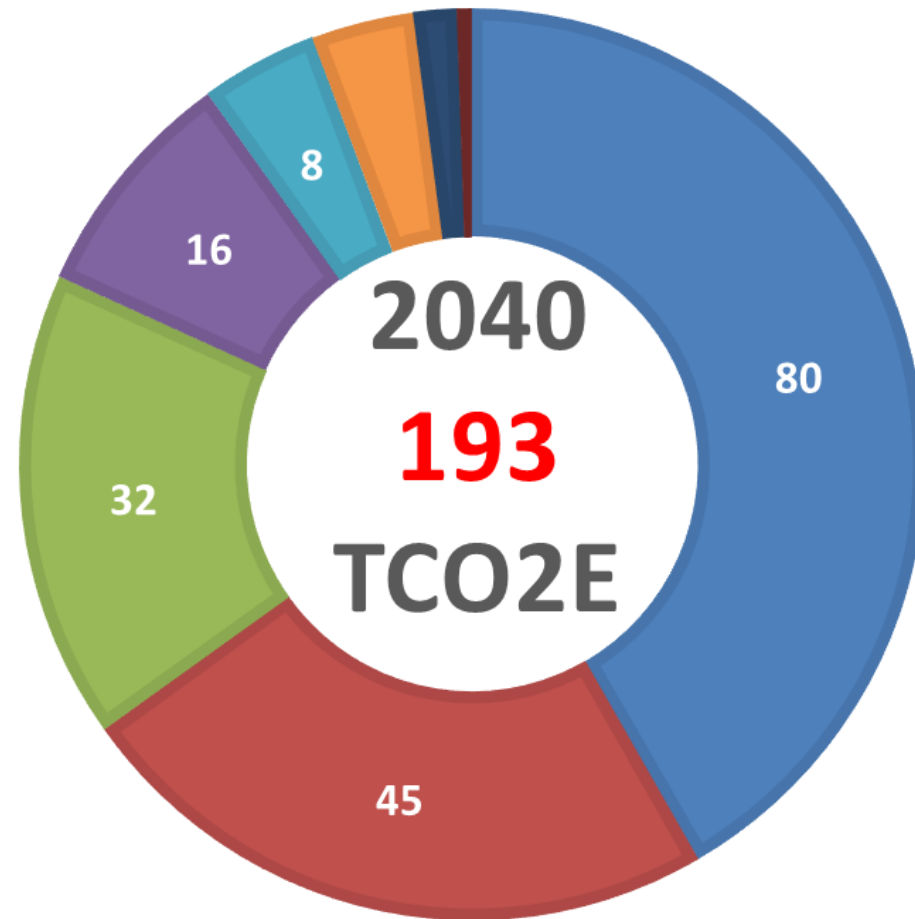
We project that carbon emissions will decrease 2030 to 708 tCO<sub>2</sub>e  
This is a reduction of 62%

We project that carbon emissions will decrease 2035 to 371 tCO<sub>2</sub>e  
This is a reduction of 80%



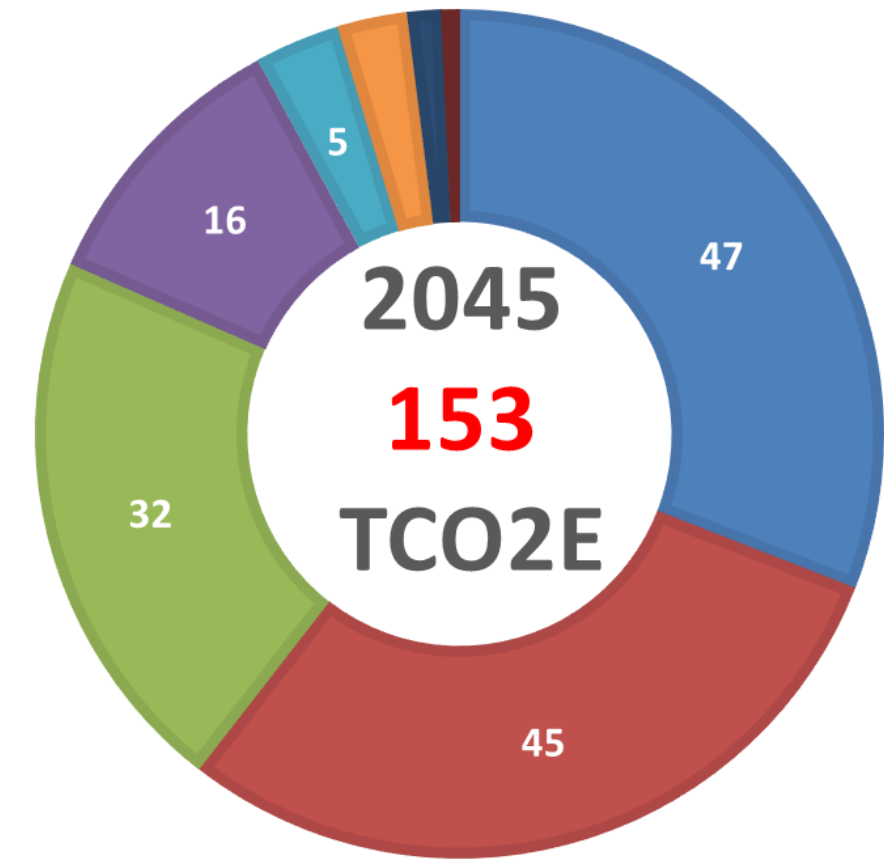


- Goods & Services
- Mobile Combustion
- Stationary Combustion
- Energy Supply
- Commuting
- Business Travel
- Transport Upstream
- Waste



We project that carbon emissions will decrease 2040 to 193 tCO<sub>2</sub>e  
This is a reduction of 90%

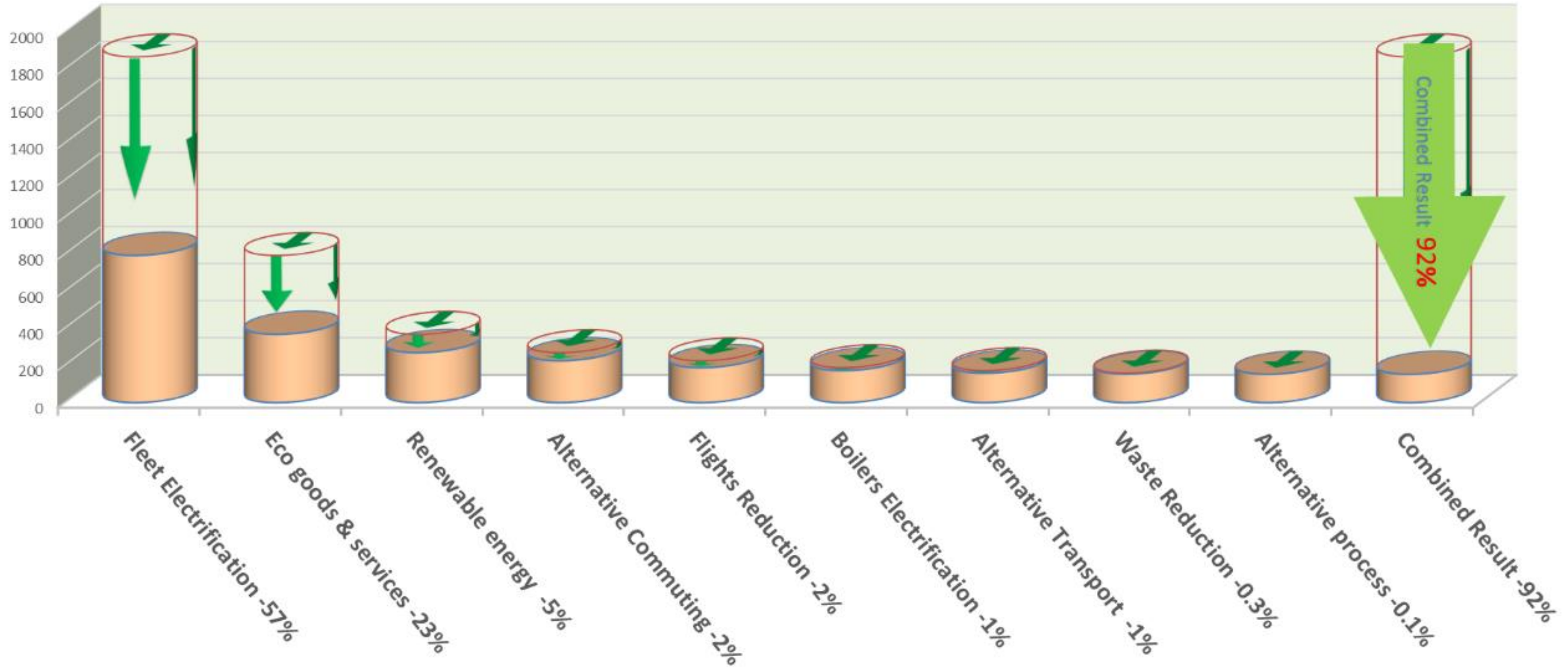
- Goods & Services
- Mobile Combustion
- Stationary Combustion
- Energy Supply
- Commuting
- Business Travel
- Transport Upstream
- Waste



We project that carbon emissions will decrease 2045 to 153 tCO<sub>2</sub>e  
This is a reduction of 92%



### REDUCTION ACTIVITIES





# 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 standard[1] and uses the appropriate [Government emission conversion factors for greenhouse gas company reporting](#)[2].

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) Standard[1]

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:

Date: 1/8/2024