

# Beauparc

Building Better Business

## Net Zero Plan

[www.beuparc.ie](http://www.beuparc.ie)

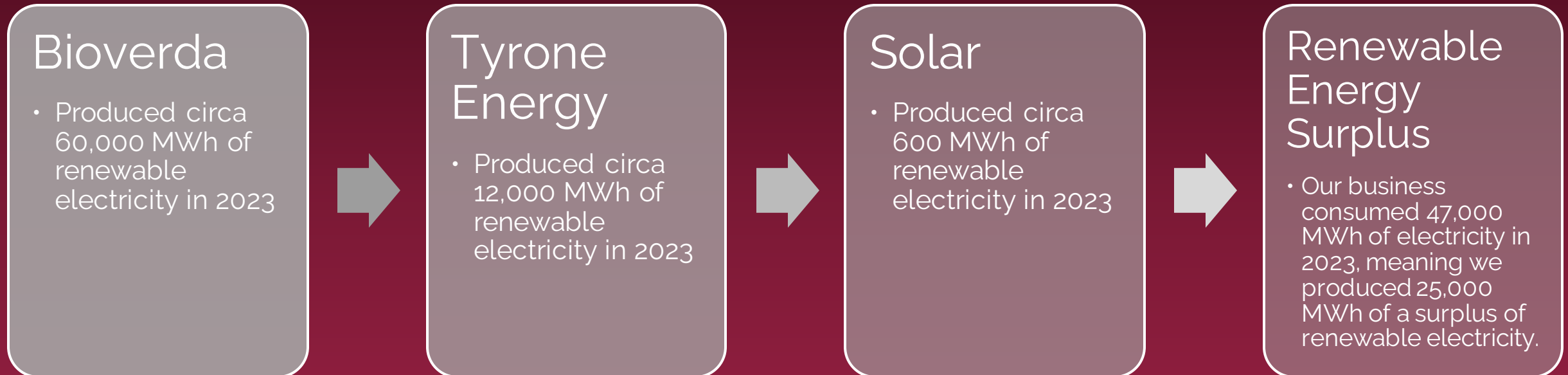


# Beauparc's Renewable Electricity Story

## Our Journey So Far

Beauparc is a large environmental services company annually managing over 3.8 million tonnes of waste across our network of 56 sites in Ireland, the UK and the Netherlands. It has always been our mission to minimise landfill and extract as much resources as possible from the waste we collect. However, it is also essential that we process and collect waste efficiently with as little impact on the environment and climate as possible.

An essential component of our business is the production of renewable electricity. Through our renewable energy generation businesses; Bioverda and Tyrone Energy, we produce more renewable electricity than the rest of our business consumes, with the surplus supplied to the grid.



# We commit to Net Zero by 2040

## Our Climate Strategy

Climate is one of society's biggest challenges. It is also a concern to our business and the wider economy.

As an environmental services business, Beauparc is committed to taking responsibility for our contribution towards climate change. As a large energy user, it is our goal to actively reduce the footprint associated with our everyday activities while also working collectively with other businesses to share knowledge.

In response to the climate challenge, we have set a target to reach Net zero by 2040 and are proud to announce we have developed a roadmap to reach this ambitious goal.

As part of this roadmap, we have committed to reaching net zero by 2040 – and to achieve a 42% reduction by 2030.

We are making moves towards ensuring our footprint is transparent and our progress reported clearly.

2021

- Beauparc commences emission compilation

2022

- Beauparc completes 1<sup>st</sup> year of data reporting and capture
- Initiates the installation of rooftop solar

2023

- Achieves external verification of 2022 scope 1 & 2 emissions data
- Commences net zero roadmap
- Acquires electric and CNG powered vehicles
- Commences business wide solar installation programme.

2024

- Publishes net zero plan
- Acquires external verification of 2023 data
- Expands on solar installation roadmap
- Commences measurement of scope 3 emissions

# Group 2022 Emissions

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01

## Baseline Emissions

2022 was established as the representative year for business as usual.

02

## Scope 1 Emissions

Emissions Directly

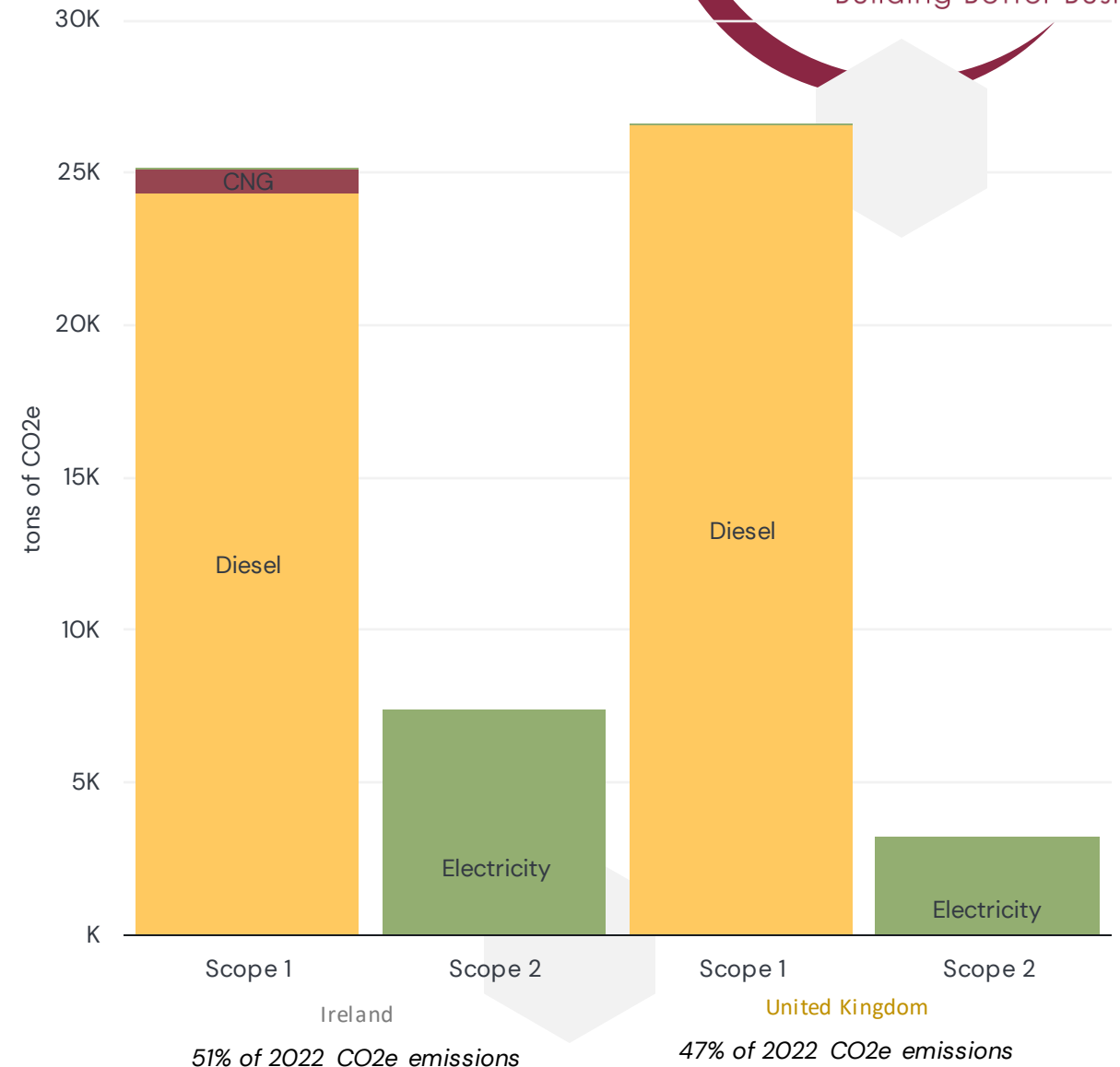
These are emissions we directly contribute or control such as the combustions of fossil fuels via our fleet.

03

## Scope 2 Emissions

Emissions Indirectly

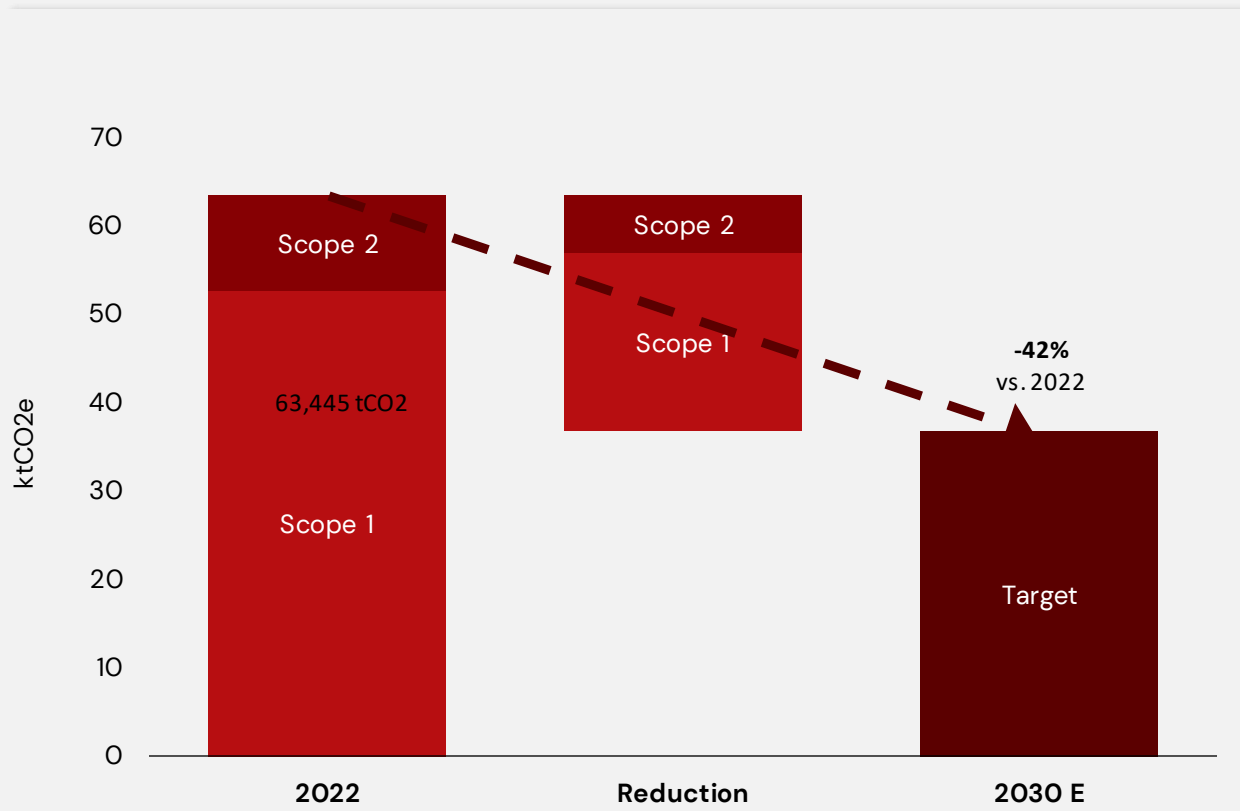
These are emissions produced via the purchase of energy such as electricity or heating/cooling.



# Getting to 2030

## Reaching a 42% reduction by 2030

**Fossil fuel focus.** The plan will initially reduce scope 2 emissions before transitioning into scope 1 focus.



To meet 2030 targets, Beauparc will initially focus on scope 2 emission reductions to allow for technology development in the vehicle replacement sphere.

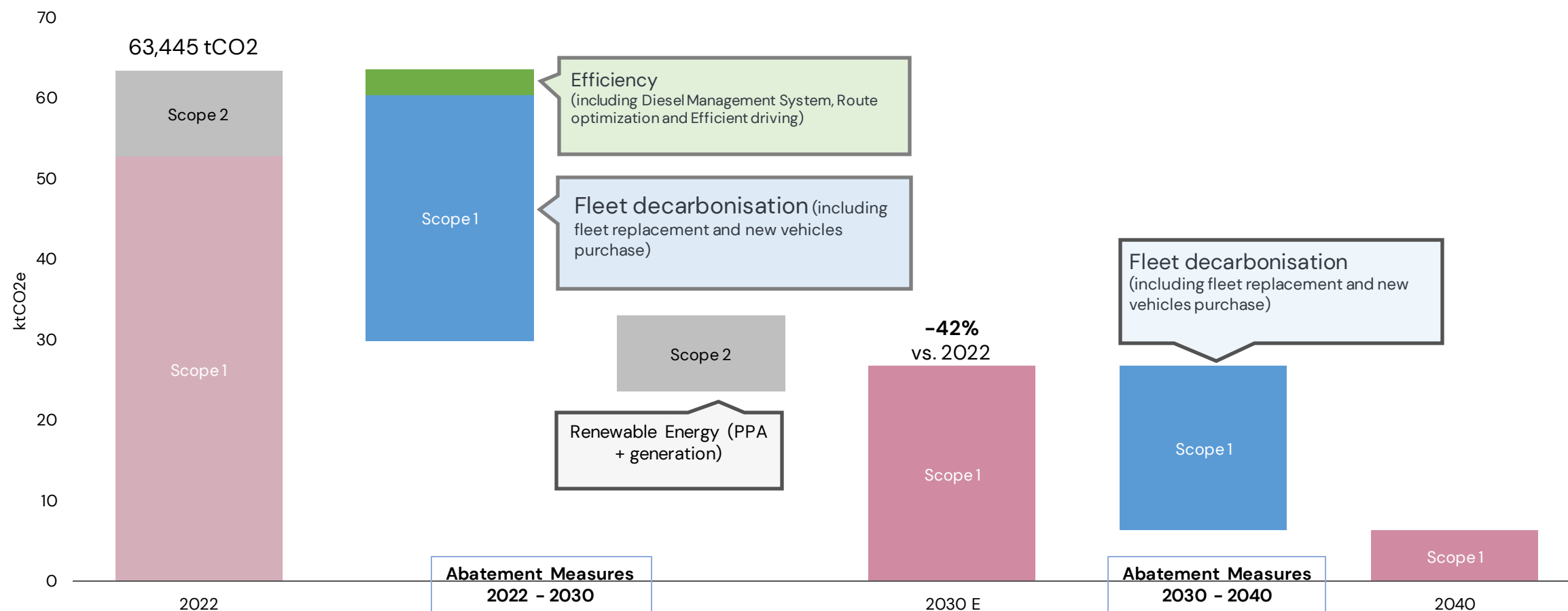
This will largely be achieved through the installation of solar arrays, transitioning into green suppliers and implementing energy management systems.

Towards the latter half of the decade, Beauparc will transition into fleet replacement.

As the Group progresses, our Net Zero Plan will be regularly revised to reflect technological adaptations and market fluctuations.

# Map to Net Zero

The route to Net Zero will be broken down into scope 1 and 2 abatement measures predominantly focusing on energy replacement and system centralisation across the Group. By 2030, Beuparc aims to have reached net zero in Scope 2 emissions of which the remainder of scope 1 will turn to fuel and vehicle replacement.





# Reaching Net Zero by 2040

In 2022, Beauparc completed the verification of our 2022 baseline year emissions as the representative year of Business as Usual.

We identified 55k tCO<sub>2</sub>e across our operations in scope 1 & 2 emissions.

Following this Beauparc set about establishing a Net Zero plan to reduce these emissions by 2040.

## Moving Ahead in Our Journey

Between 2023 and 2030, the Group will employ a number of measures to reduce emissions



By 2025, Beauparc will have installed up to 8 MW of capacity via PV solar panels on facility rooftops



By 2030, the Group will complete the rollout of a standardised fuel access system.



Beauparc will continue the replacement of end-of-life vehicles with sustainable alternatives such as CNG and Electric alternatives. The Group aims to replace several fleet vehicles annually to meet reductions.



Technologies, alt. fuels and energy prices will vary over time. Therefore, a key facet to reducing scope 1 emissions will be the employment of a fuel hedging strategy to transition away from fossil fuel into a range of zero or low carbon fuels such as HVO, biomethane and EVs.



By 2025, the Group will rollout out driver performance training across all new employees.



By 2025, the Group will secure Green contracts and power purchase agreements with renewable energies to reduce Group scope 2 emissions.

— Emissions — BAU

**2022 Baseline emissions\*:**  
Scope 1: 42, 710 tCO<sub>2</sub>e  
Scope 2: 12, 428 tCO<sub>2</sub>e

\* Beauparc is in the process of restating baseline data to include recent acquisitions into the business

**By 2030 – Beauparc will have net zero scope 2 emissions.**

**The Group have set a target to meet a 42% reduction in operational emission by 2030**

**By 2040 we shall have met Net Zero across the business**

2022

2023

2025

2030

2035

2040

# Scope 1 Emissions

## Fossil Fuels

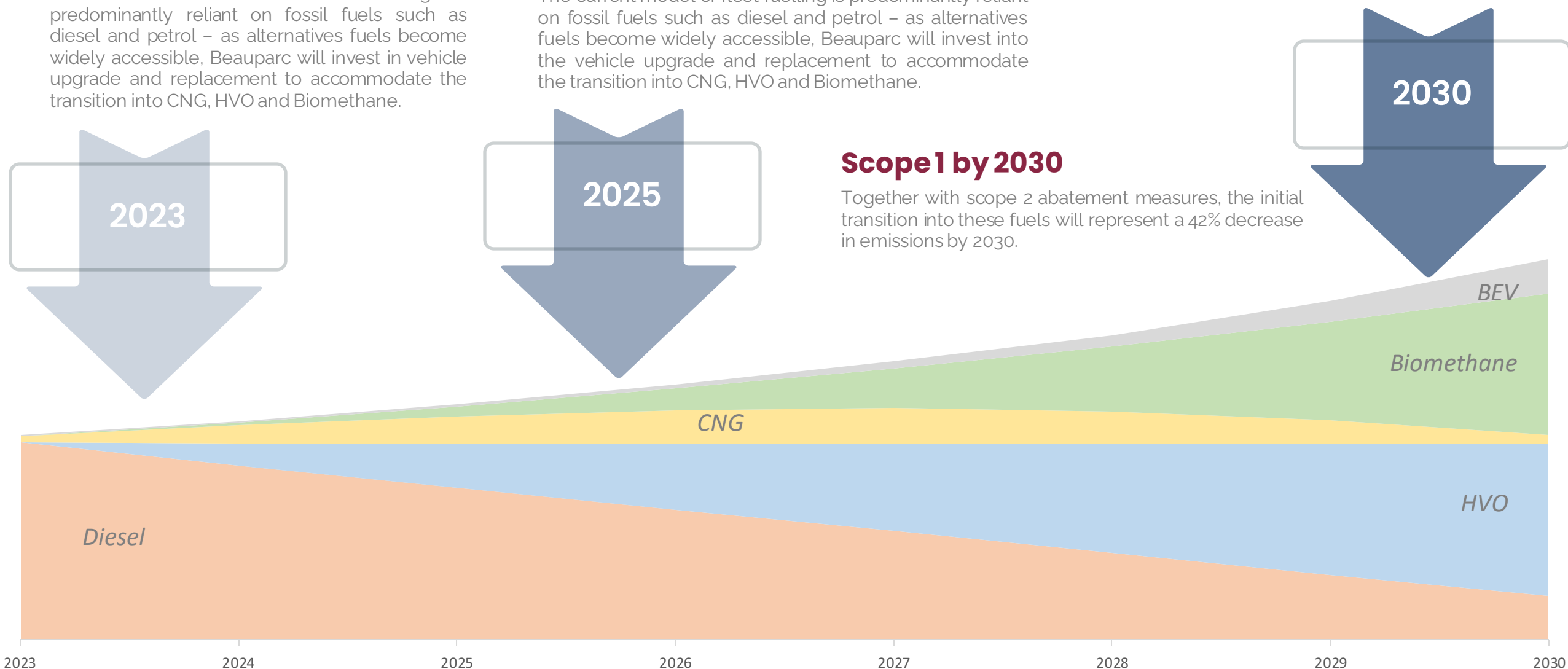
The current model of fleet fuelling is predominantly reliant on fossil fuels such as diesel and petrol – as alternatives fuels become widely accessible, Beauparc will invest in vehicle upgrade and replacement to accommodate the transition into CNG, HVO and Biomethane.

## Transition to Green

The current model of fleet fuelling is predominantly reliant on fossil fuels such as diesel and petrol – as alternatives fuels become widely accessible, Beauparc will invest into the vehicle upgrade and replacement to accommodate the transition into CNG, HVO and Biomethane.

## Scope 1 by 2030

Together with scope 2 abatement measures, the initial transition into these fuels will represent a 42% decrease in emissions by 2030.





# Scope 1 Emissions

Post 2030 will focus predominantly on scope 2 emissions implementing 3 key actions

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## Driver Training

Driver training will be rolled out across each site to ensure a reduction in behavioural related fleet emissions.



## Fuel Management

The rollout of a consistent fuel management system across all sites.



## Fleet Replacement

As fleet vehicles reach end of life, vehicles will be replaced with low or zero carbon alternatives.

# Scope 2

## Energy Reporting & PPAs

The Group will continue to report and compile energy reporting data.

As the Group moves towards greening contracts and sourcing green suppliers – the Group will transition towards market-based reporting.

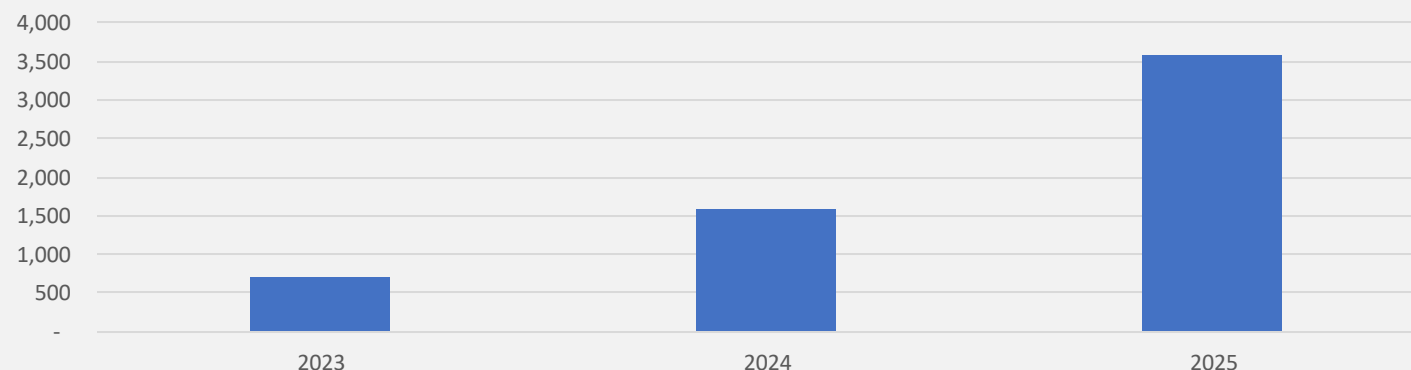
To aid this, the Group will power purchase agreements with green energy suppliers reducing the overall reliance on fossil fuel energy for operations. By 2025, the Group has a goal to reach zero emissions through scope 2 emissions.

## Solar

Beauparc currently produces more renewable electricity than it consumes. However, to reduce its footprint further, the Group has made steps towards installing solar on facility rooftops, focussing initially on larger sites with higher energy consumption. In 2021, the first installation was completed on a MRF with the second commissioned in 2023. In 2023 552 MWh was produced.

By the end of 2025, the Group plans to install up to 8 MW of capacity producing an accumulated total of approximately 6,000 MWh of solar generated power.

MWh per annum from PV



## Energy Management

From 2025, the Group will begin to roll out standardised energy management monitoring across all facilities and sites – this will result in the reduction of consumption and promote energy conscious behaviours within the operational aspects of the business.