



INCHDAIRNIE WHISKY LTD

Climate Strategy



Scope 1 & 2

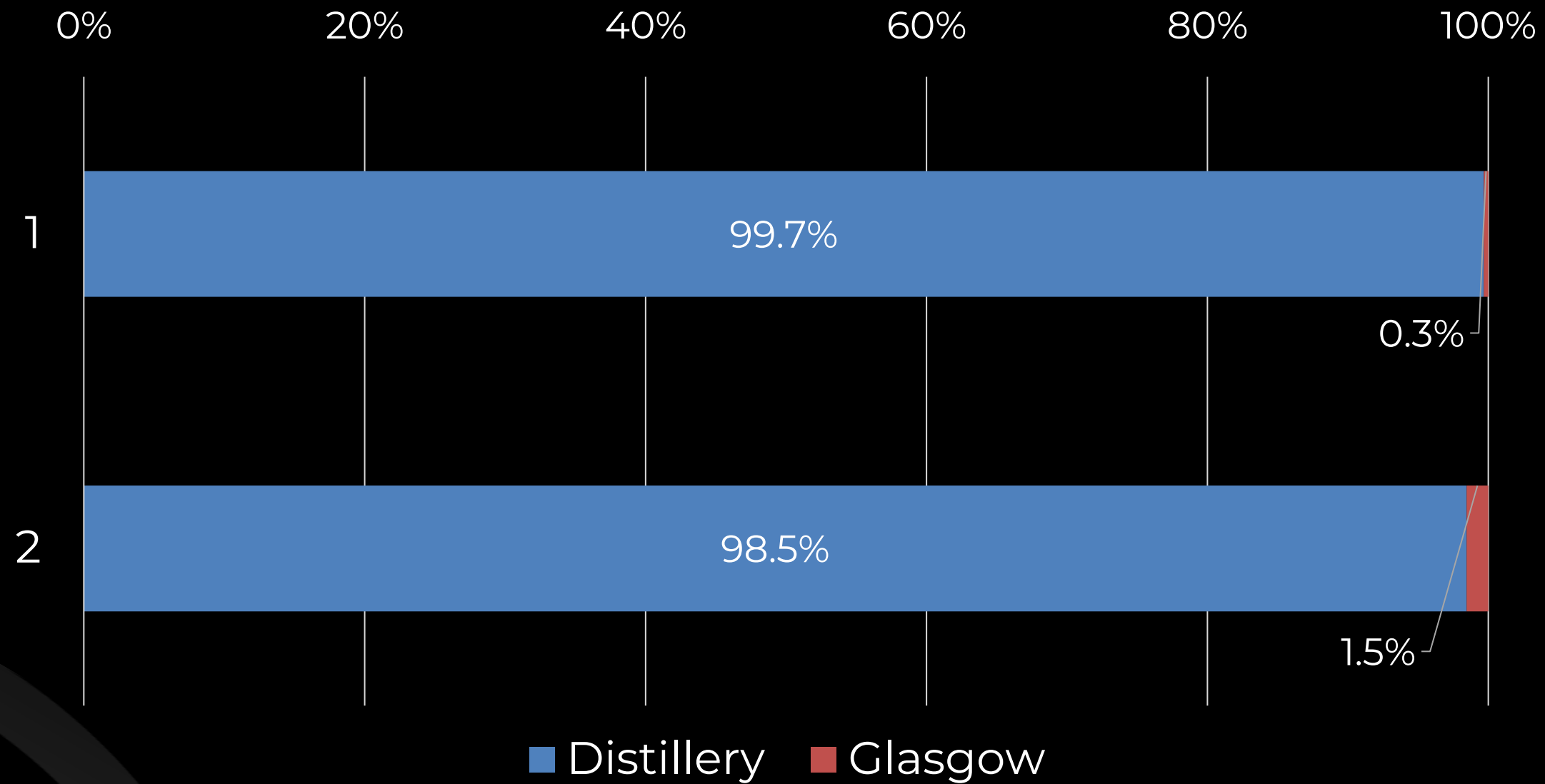
We have two sites that are part of **InchDairnie Whisky**:

1. InchDairnie Distillery

2. The Glasgow Office

- We collect emissions data at each individual site, and this is aggregated to provide a total emissions figure for InchDairnie Whisky.
- These reductions targets have been calculated through the Science-based Targets tool, in line with The Paris Agreement's 1.5 degrees target.
- Therefore, we present an overall emissions reduction target for InchDairnie Whisky.

Scope 1 & 2 at InchDairnie Whisky, 2023



	Scope 1 (tCO2e)	Scope 2 (tCO2e)
Distillery	1,561	211
Glasgow	5.1	3.3
<i>Total</i>	<i>1,566.1</i>	<i>214.3</i>

What is in our Scope 1 and 2?

	Scope 1 (tCO2e)	Scope 2 (tCO2e)
Distillery	Gas for distillation	Bought electricity
Glasgow	Gas for heating and hot water	Bought electricity

- The fermentation in our washbacks at the distillery creates a similar amount of CO2 as the gas for distillation, so it is significant. However, in line with the Greenhouse gas protocol, this is biogenic CO2, and the protocol only covers fossil CO2. We will not ignore these emissions, but we cannot include them in our target setting since we follow the Greenhouse Gas protocol.

Our timeline

Year	Milestone
2023	Baseline year for Scope 1, 2, and 3 emissions
2025	<ul style="list-style-type: none">✓ Set 2030 Scope 1 & 2 Targets✓ Set Net Zero Target across all scopes... Complete Scope 3 inventory... Set 2030 Scope 3 target
2030	Achieve SBTi-aligned Scope 1 & 2 reductions (42%)
2045	Achieve Net Zero: Reduce absolute emissions as much as possible across all scopes, and consider using verified removals for the remainder

Targets:

- *Reduce Scope 1 & 2 by 42% by 2030*
- *Achieve Net Zero by 2045*

Reduce Scope 1 & 2 by 42% by 2030

Discussion:

- We will not achieve a 42% reduction by reducing equally across both Scope 1 and Scope 2, or equally across each site.
- For example, even if we completely eliminated all Scope 1 and 2 emissions from our Glasgow site, the overall impact would be less than 2% — highlighting the need to prioritise action at the distillery.
- The distillery accounts for **99.7% of our Scope 1 emissions** and **98.5% of our Scope 2 emissions**, making it the clear priority for making the most progress.
- And within that, efforts must focus primarily on **Scope 1**, where the greatest opportunities for reduction exist.

Scope 1 & 2 SBTi calculation tool:

Near-Term Scope 1 SBT Formulation

Near-Term Scope 2 SBT Formulation

Near-Term Scope 1+2 SBT Formulation

InchDairnie Whisky Ltd commits to reduce Scope 1 emissions 42% by 2030 from a 2023 base year.

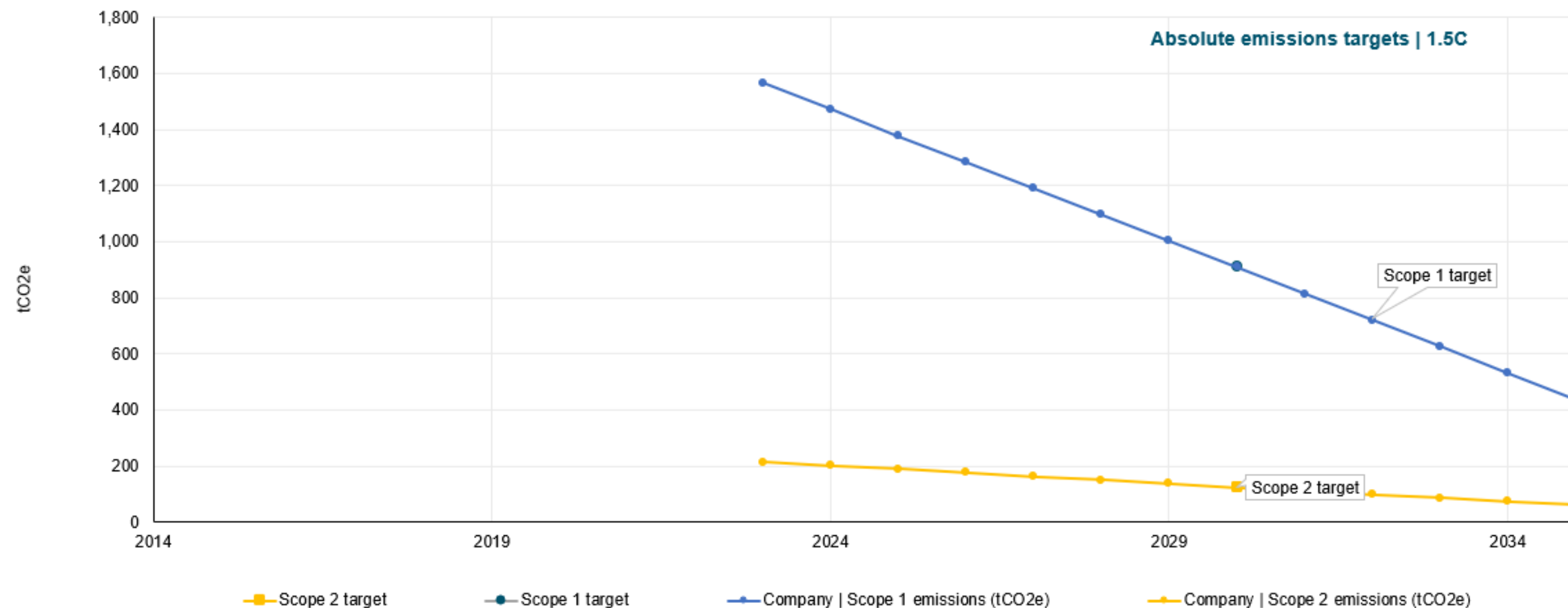
InchDairnie Whisky Ltd commits to reduce Scope 2 emissions 42% by 2030 from a 2023 base year.

InchDairnie Whisky Ltd commits to reduce Scope 1+2 emissions 42% by 2030 from a 2023 base year.

1.5 degree scenario (1.5C)

[Review all target modelling data](#)

	Base year (2023)	Same as base year	Target year (2030)	% Reduction to date	% FLA Adjustment	% SBT reduction
Scope 1 emissions (tCO ₂ e)	1,566	----	908	----	Not required	42.00%
Scope 2 emissions (tCO ₂ e)	214	----	124	----	Not required	42.00%
Scope 1+2 emissions (tCO ₂ e)	1,780	----	1,033	----	----	42.00%



Implementation plan

Actions:

1. Explore whether green hydrogen is feasible to replace 100% of our gas at the distillery. If so, this alone would reach and surpass our target, by removing:
 - **88% of InchDairnie Whisky's Scope 1 and 2**
 - 99.7% of InchDairnie Whisky Scope 1
 - 100% of the distillery's Scope 1
2. We will also look for reductions across the following possible areas:
 - Distillery energy efficiency – revisit and look for opportunities
 - The offices will switch from fluorescent bulbs to LED, and explore any other emissions reductions/energy efficiency measures

We will also explore carbon removal of our fermentation CO₂, which although is biogenic and therefore out of Scope is still a significant amount of CO₂.