

Carbon Reduction Plan

Supplier name: TidalSense Limited
 Publication date: 30th January 2025

Commitment to achieving Net Zero

TidalSense is committed to achieving Net Zero emissions by 2045.

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.

TidalSense have not previously calculated or recorded their emissions and thus the baseline year of 2023 is equivalent to the most recently reported year.

Baseline Year: 2023	
Additional Details relating to the Baseline Emissions calculations.	
<p>All categories relevant to the NHS reporting requirements have been calculated. An operational control approach has been taken, and the methodology follows the Greenhouse Gas Protocol. Primary data was supplied for all categories included in the footprint.</p> <p><u>Emissions in scope:</u></p> <ul style="list-style-type: none"> • Scope 2: Electricity • Scope 3: Purchased goods and services (limited to office paper, print products, electronic devices, food and drink and water), upstream transportation and distribution, waste generated in operations, business travel and employee commuting. <p>Vehicle fleet, purchased heat, refrigerants, and downstream transportation and distribution were not relevant to TidalSense in the reporting period.</p>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	0
Scope 2	0
Scope 3 (Included Sources)	100.79
Total Emissions	100.79

Current Emissions Reporting

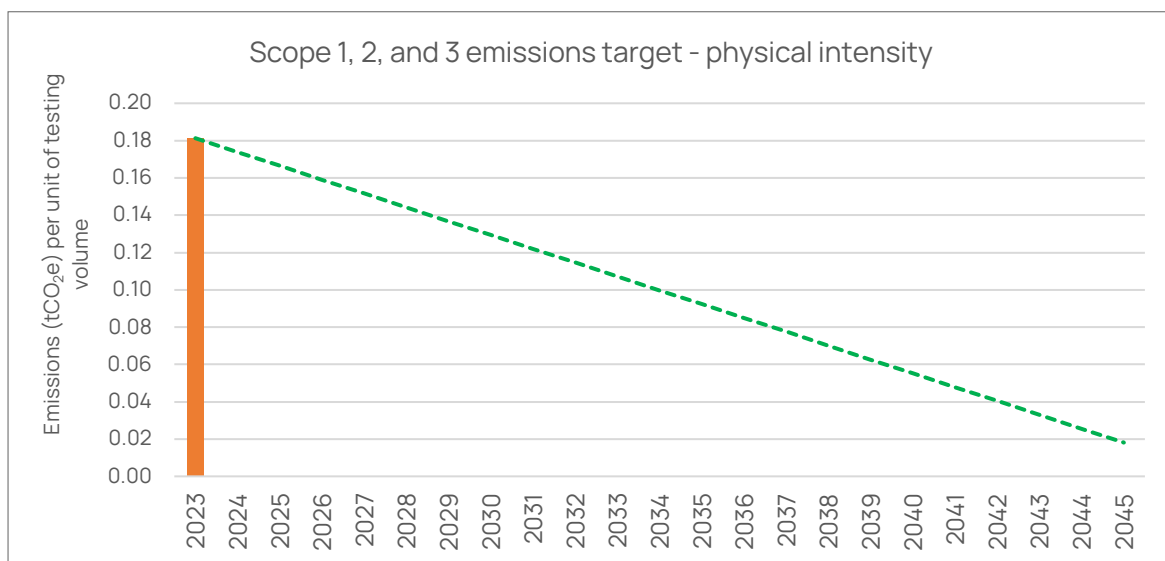
Reporting Year: 2023 – the baseline is the most current year of reporting	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	0
Scope 2	0
Scope 3 (Included Sources)	100.79
Total Emissions	100.79

Emissions reduction targets

In order to continue our progress towards achieving Net Zero, we have adopted the following carbon reduction targets.

As a growing early-stage business, we anticipate a rise in our absolute emissions over the coming years as we expand our team and scale our product both in the UK and internationally, from what is currently a very low baseline. While we are fully committed to minimising the carbon impact of our business, success through an absolute reduction from our 2023 baseline is not the most suitable approach, and so we have chosen to set a physical intensity target, focussing on reducing carbon emissions per unit of diagnostic testing volume. Given that our main index of commercial scale is diagnostic testing volume, this will enable us to track our carbon reduction efficiency as the business scales.

Total in scope emissions in the base year 2023 were 0.18 tCO₂e per unit of testing volume. TidalSense commits to reduce in scope carbon emissions 20% per unit of testing volume by 2028 from a 2023 base year.



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2023 baseline, demonstrating TidalSense's commitment to carbon reduction. As these initiatives were completed prior to the baseline, the associated emission reductions are not recorded.

Completed Reduction Initiatives

Scope 2

- Renewable electricity for the company's office – in place since 2022
- Electrified heating in the company's office
- LED lights are installed throughout the company's office

Scope 3

- Cycle to work scheme in place with workplace showers, changing facilities and secure bike storage
- Flexible work policy allowing remote work and minimising employee commute
- Limited car parking on site, encouraging commuting by public transport or cycling
- Installed workplace EV charger

Future Reduction Initiatives

In future we plan to implement further measures such as:

Scope 3

- Localise our supply chain for medical device hardware manufactured
- Introduce an EV salary sacrifice scheme to reduce employee commuting emissions, and install additional EV chargers
- Introduce a sustainable travel policy
- Install motion-activated lights
- Create an office energy efficiency policy
- Create a Net Zero engagement plan for employees

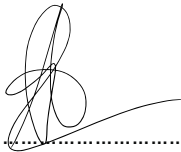
Declaration and Sign Off

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 standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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) Standard³.

This Carbon Reduction Plan has been reviewed and signed off on behalf of TidalSense by:



Ameera Patel (CEO, Director)

Date: 30th January 2025

¹ <https://ghgprotocol.org/corporate-standard>

² <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

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