

Carbon reduction plan

2021

Commitment to achieving Net Zero

Sightsavers is committed to achieving
Net Zero emissions by 2050

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Baseline emissions footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline: 2019

Additional details relating to the baseline emissions calculations

2019 was the first year that Sightsavers undertook a carbon footprint exercise. 2019 is appropriate as the baseline year as this was prior to any impacts from the COVID-19 pandemic and the UK office was fully open for the year.

The same basis of calculation has been used for the baseline year and the reporting year.

Baseline year emissions:

Emissions	Total (tCO ₂ e)	
Scope 1	No direct emissions	
Scope 2	41.49	
Scope 3 (Included sources)	14.37	Upstream transportation and distribution
	13.00	Waste generated in operations
	782.53	Business travel
	274.53	Employee commuting
	0	Downstream transportation and distribution (no products are sold)
Total emissions	1,125.92	

Current emissions reporting

Reporting year: 2021

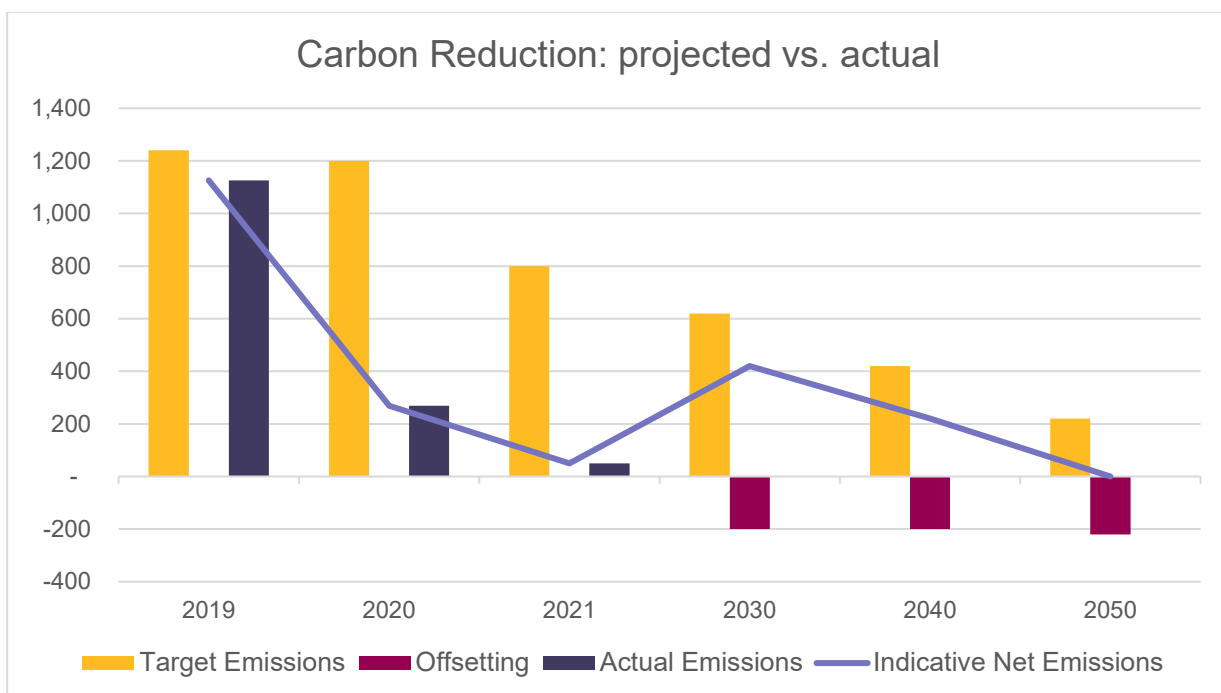
Emissions	Total (tCO _{2e})	
Scope 1	No direct emissions	
Scope 2	16.81	
Scope 3 (Included sources)	5.26 1.54 21.52 4.64 0	Upstream transportation and distribution Waste generated in operations Business travel Employee commuting Downstream transportation and distribution (no products are sold)
Total emissions	49.77	

Emissions reduction targets

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

We project that carbon emissions will decrease (from baseline) over the next five years to 720 tCO_{2e} by 2025. This is a reduction of 36%.

Progress against these targets can be seen in the graph below:



Given the international nature of our operations, there will continue to be a need to visit programmes in overseas countries. Our targets reflect this need, recognising that there are plans to decarbonise aviation through the further development of suitable sustainable aviation fuels, as mentioned in the UK government's Net Zero Strategy: Build Back Greener. We have made the assumption that there will be some residual emissions in our operations and that we will achieve net zero by offsetting emissions.

Carbon reduction projects

Completed carbon reduction initiatives

The following environmental management measures and projects have been completed or implemented since the 2019 baseline. The carbon emission reduction achieved by these schemes equates to an estimated 11 tCO_{2e} which is a 10% reduction against the 2019 baseline and the measures will be in effect when performing the contract.

We have seen a much more significant reduction, but due to the radically different working environment since 2020 because of the COVID-19 pandemic, it is not possible to be certain how much of the reduction was achieved due to the carbon reduction initiatives.

Energy efficiency measures:

1. Halogen light bulbs are being replaced with LED light bulbs when they fail. Currently, 75% of our light bulbs are halogen and the majority of these should be replaced over the next 12 months.
2. The majority of lighting in the office is motion sensitive and the lights automatically go off if there has been no movement for 15 minutes. There are five meeting rooms where the lighting is manual due to the need to be able to control it when presentations are being made.
3. Workstation monitors are switched off every night.
4. The air conditioning is normally managed with a timer. Currently, its operation is manual, and it is turned on and off when required due to the office being open for a limited number of days each week. This will be kept under review.
5. Hot water taps are used instead of kettles to boil water.
6. In 2021, four old fridges were removed and replaced by three more energy efficient models. The coffee and vending machines were also replaced by more energy efficient models.
7. In 2021, 208 monitors over 10 years old were replaced by more energy efficient ones.

Waste management:

8. There has been a reduction in the number of personal items being delivered to the office, reducing the amount of packaging included in waste.
9. There are no individual bins by desks. Both general waste and recycling bins are located in communal areas.

Business travel:

10. Business travel has been impacted by the COVID-19 pandemic. There has been a focus on ensuring that remote collaboration tools are in place and working effectively. There will continue to be an ongoing reduction in face-to-face meetings given the efficiency and equity brought about by collaboration tools, thus reducing the amount of travel related to business activities.

Staff commuting:

11. Sightsavers has moved to a hybrid way of working with no requirement for staff to attend the office regularly. Location independent working is now considered a standard that we strive for. The office has reduced the number of desks available to staff in recognition of this change.
12. Staff benefits include cycle to work and season ticket loan schemes.

Environment management system:

13. An environment management system is being worked on for the UK.

In the future, we hope to implement further measures such as:

1. Work with other tenants in the building to share ideas about opportunities to reduce emissions.
2. Review offsetting options by considering which would be most appropriate for us from an ethical and environmental perspective.
3. Carry out a degree day analysis exercise in order to understand the efficiency of the heating system.
4. Get ISO 14001 certification once the environment management system is fully in place.
5. Source products from local suppliers and talk to suppliers about their carbon footprint and carbon reduction plans.
6. When appropriate, bulk purchase more in order to reduce the number of deliveries.
7. Efficiencies will be sought when sending items to country offices.
8. Some business travel will still be considered essential. Some meetings will move online permanently, and this will be encouraged.
9. Rail travel will be proposed as an alternative to domestic and short-haul flights.
10. All staff will continue to be supported to ensure they have the appropriate equipment to be able to work from home.

Sightsavers' main source of carbon emissions in the UK are third-party related, based on energy from the grid and the vehicle distribution of suppliers. As electric vehicles become more prevalent and the electricity grid is further decarbonised, this will significantly reduce the carbon footprint.

Sightsavers will use its best endeavours to make a meaningful contribution to the UK's net zero target.

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 and uses the appropriate government emission conversion factors for greenhouse gas company reporting.

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.

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:

Ken Moon
Chief operating officer

Date: 16 June 2022

We work with partners in low and middle income countries to eliminate avoidable blindness and promote equal opportunities for people with disabilities.

www.sightsavers.org