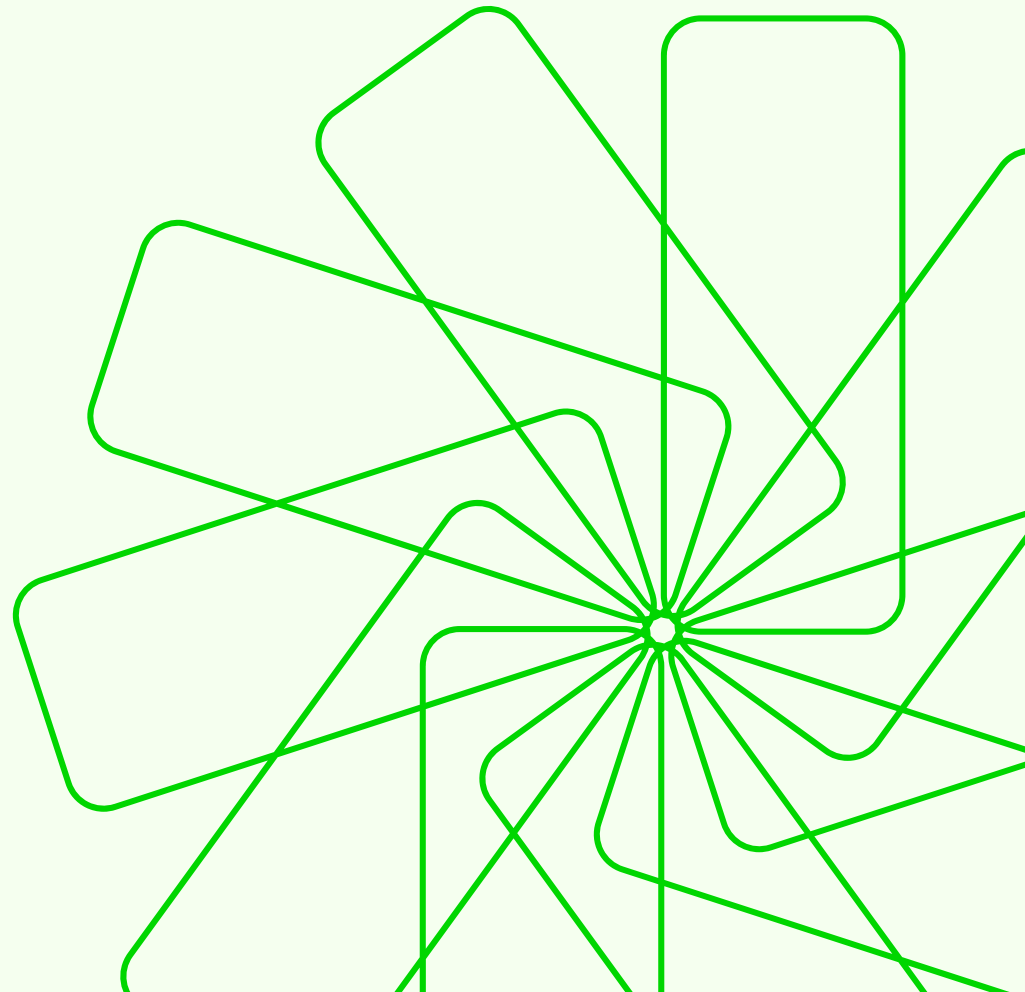


Environmental Sustainability Report

2023-24



Environmental Sustainability

Our vision

Our vision as an organisation is a future where every patient can survive and thrive. We understand the importance of environmental sustainability (ES) in enabling this vision and in unlocking new ways to treat every patient through uniting people and science. We know that as an organisation we have a duty of care to both present and future patients. We are responsible for improving the lives of patients, donors, supporters, and employees, which we will be unable to do without taking action to reduce our environmental impact.

As an organisation we are on a journey to change the way we think about environmental sustainability, embedding this in all our work as a crucial lens through which we plan for the future, so we can continue to do more for patients, donors and the wider community. Anthony Nolan has committed to being net zero by 2050. We know we need to act now to meet this target, therefore we aim to reduce our carbon footprint by an average of 7% each year to 2030. As we understand more about the work we need to do and increase the levels of data available we will develop more granular targets. In the early years of the strategy, we expect our carbon footprint to increase, as we more accurately capture our data.



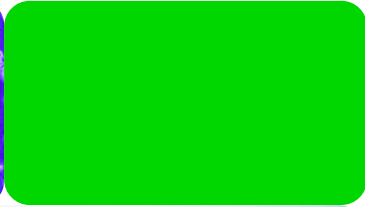
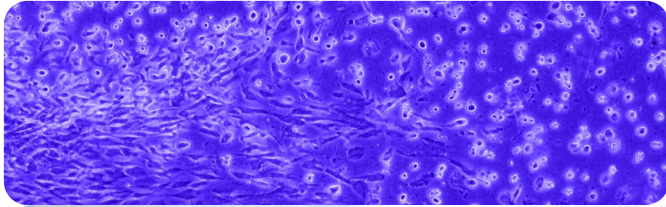
Environmental Sustainability

Our plans

We will:

- Engage the stem cell community on climate change and net zero, building a sector wide understanding and goal of net zero.
- Reduce flights where possible and explore what can be done to reduce the reliance of the UK stem cell community on air travel.
- Work collaboratively with partners, fundraisers, volunteers, employees, and suppliers to reduce our collective environmental impact.
- Prioritise sustainability within our property strategy and explore net zero laboratories.
- Embed sustainability in decision making.





Environmental Sustainability

Our core principles



To be able to save the lives of patients and improve their quality of life, without negatively impacting the planet.



To ensure every person has equal access to lifesaving transplants.



To reduce our environmental impact and protect the planet for generations to come.

United Nations

Sustainable Development Goals

The SDGs are an internationally recognised framework, adopted by all UN member states, that we can align our ES strategy and goals alongside to demonstrate our commitment to ES as an organisation. Some are directly related to Anthony Nolan's core mission; these are outlined in the following sections as our primary and secondary goals.

Primary Goals

3 GOOD HEALTH AND WELL-BEING



3 Good health and wellbeing

Our primary organisational goal is to save the lives of our patients, which is why SDG 3 is our primary goal. Target 3.2 and 3.4 are relevant to Anthony Nolan.

10 REDUCED INEQUALITIES



10 Reduce inequalities

A third of our organisational strategy focuses on how we can reduce inequalities within the work we complete. Stem cell transplants survival rates differ significantly between population groups. Target 10.2 and 10.3 are the relevant ones for our organisation.

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



9 Build resilient infrastructure, promote inclusive and sustainable industrialisation and foster innovation

Our research division does incredible work to increase the chance of survival and improve the quality of life our patients have. Target 9.5 is relevant because of Anthony Nolan's commitment to this research and also the creation of our own Cell Collection Centre which increases the capabilities of the UK to provide stem cells.

Secondary Goals

5 GENDER EQUALITY



5 Achieve gender equality and empower all women and girls

Within its role as an employer Anthony Nolan has a responsibility to ensure there are equal opportunities for both sexes. Targets 5.1 & 5.2 highlight this responsibility.

11 SUSTAINABLE CITIES AND COMMUNITIES



11 Make cities and human settlements inclusive, safe, resilient and sustainable

As an organisation that is based in London, Nottingham and other cities across England, we have a responsibility to limit our contribution to air quality. The move towards an electric fleet is an example of our action for target 11.6.

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



12 Ensure sustainable consumption and production patterns

We must manage the use of resources and our waste streams to reduce our environmental impact, both in the offices and within our labs. Targets 12.4, 12.5 and 12.6 highlight the responsibility we have.

13 CLIMATE ACTION



13 Take urgent action to combat climate change and its impacts

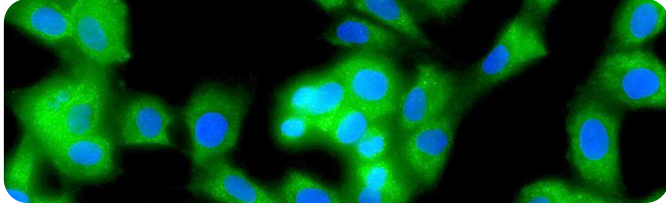
SDG 13 is key to Anthony Nolan's approach to environmental sustainability. 13.1 is an area that Anthony Nolan can provide support through the improvement of national ability to deliver stem cells to patients – through the cord bank and the Cell Collection Centre. 13.2 and 13.3 factors into our planning and is an area we can make change in through our work in World Marrow Donor Association and Policy & Public Affairs.

17 PARTNERSHIPS FOR THE GOALS



17 Partnerships for the goal

We contribute to the completion of this goal through our work with WMDA and the stem cell community. Targets 17.10 and 17.11 highlight this further.



Environmental Sustainability

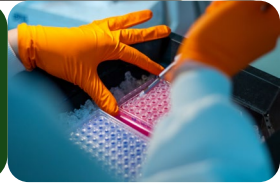
Our journey so far



We are just beginning our ES journey and we recognise the difficult but important task we have in front of us. We have taken some great initial steps which build the foundation of our strategy.

Our core mission currently makes us heavily reliant on flying, with this making up a substantial portion of our carbon footprint each year.

As an organisation we have started to make great first steps, as demonstrated on the next slide, and we are building on these in preparation for this strategy.



Our HLA Laboratory has achieved a Bronze accreditation through UCL's Laboratory Efficiency Assessment Framework.

We created and implemented an Environmental Sustainability Policy.

We replaced our two internal combustion engines with an electric one.

96% of employees believe environmental sustainability is important for the charity.

Our employee Environmental Group was created in 2019.

We are committed to being net zero by 2050.

We reduced our carbon output in scope 1 & 2 by 10-12% in the 2022/23 FY.

Environmental Sustainability

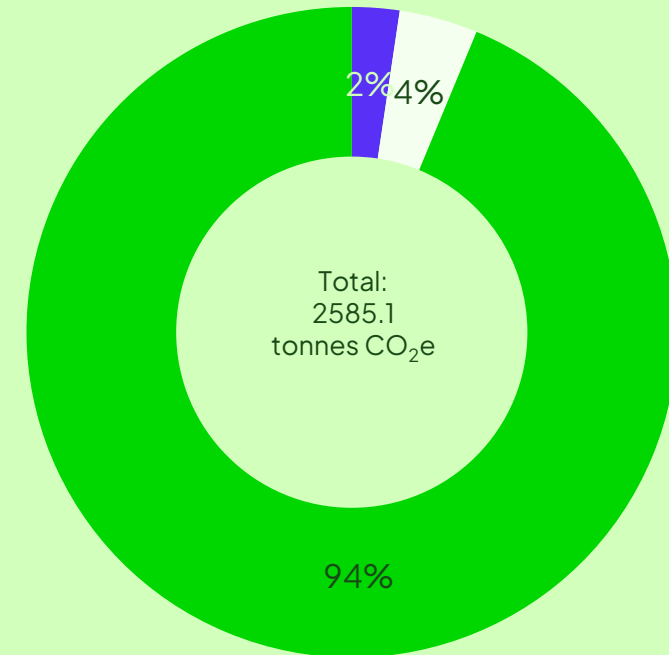
Our carbon footprint

We have been reporting on Scope 1 and 2 of our carbon footprint for the last three years. This year we completed our first carbon footprint that includes Scope 1, 2 and 3. A subsection of scope 3 was included:

- Waste generated in operations
- Business travel
- Employee commuting
- Downstream transportation and distribution
- Pensions
- Electricity – Well To Tank, transmission and distribution losses.
- Water – supply and treatment.
- Some of our upstream transportation and distribution.
- Some of the gases used in our research.

Total tonnes of CO₂e

■ Scope 1 ■ Scope 2 ■ Scope 3



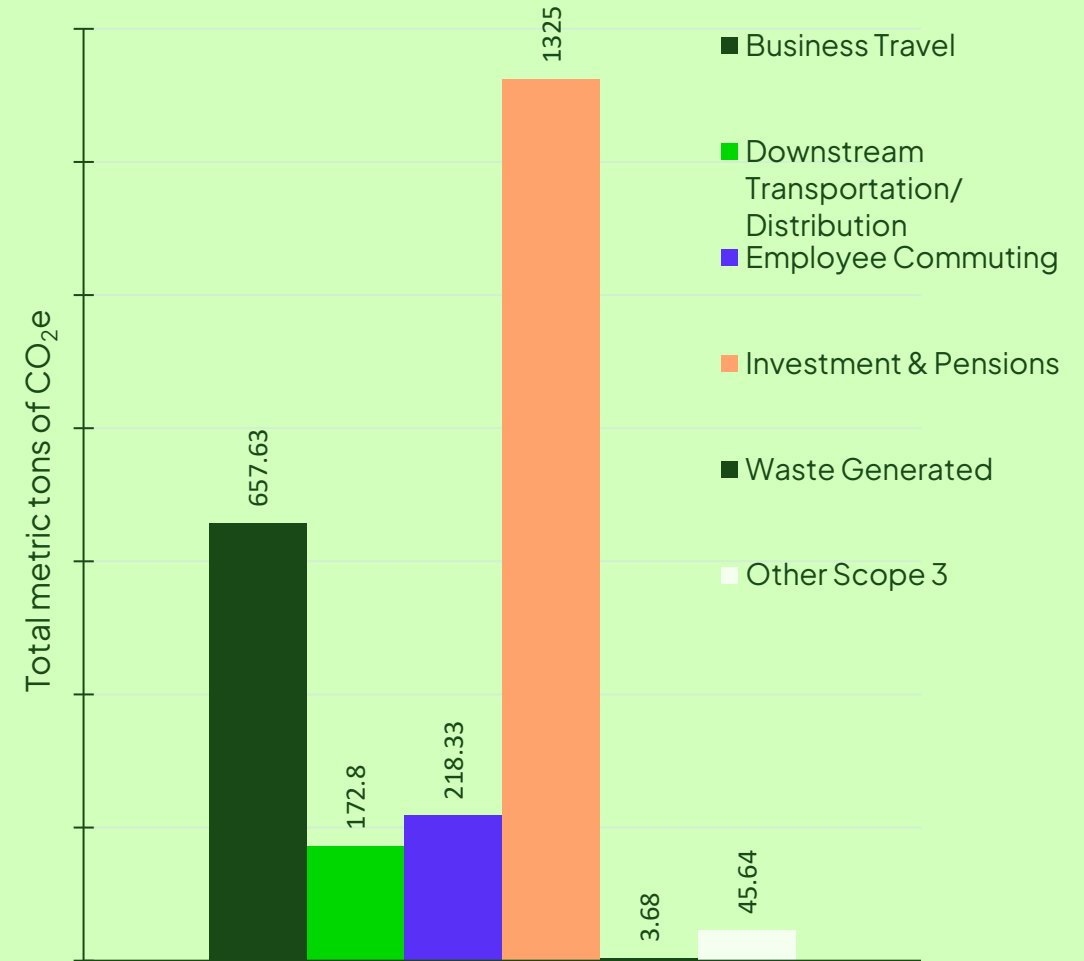
Our carbon footprint

Scope 3

Numerous assumptions were taken to produce this data:

- Accurate data was not available from our pension provider for their scope 3 emissions, so we have used the worst-case scenario that a third-party was able to provide.
- The carbon footprint of money held with our Barclays account was not included because they were not able to provide any data and the third-party that offer this did not make their methodology clear. In the meantime we have advised Barclays of our commitment to sustainability.
- Within the downstream figure, some land transport emissions and royal mail emissions have not been included.
- Due to the low completion rate on the Employee Commuting Survey, it is not a very accurate calculation of its carbon footprint.
- Next year we aim to build upon the areas covered and improve our methodology for existing areas where needed.
- Not all business travel was included as travel booked directly wasn't captured.

Total metric tons of CO₂e

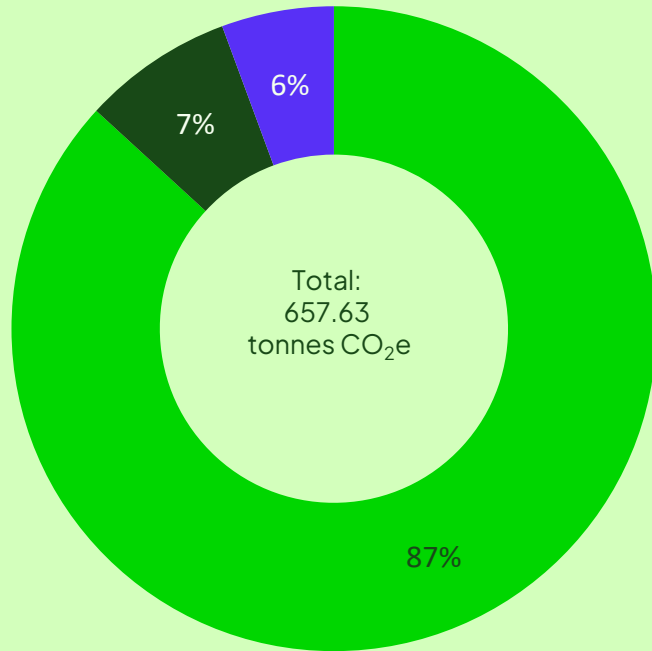


Environmental Sustainability

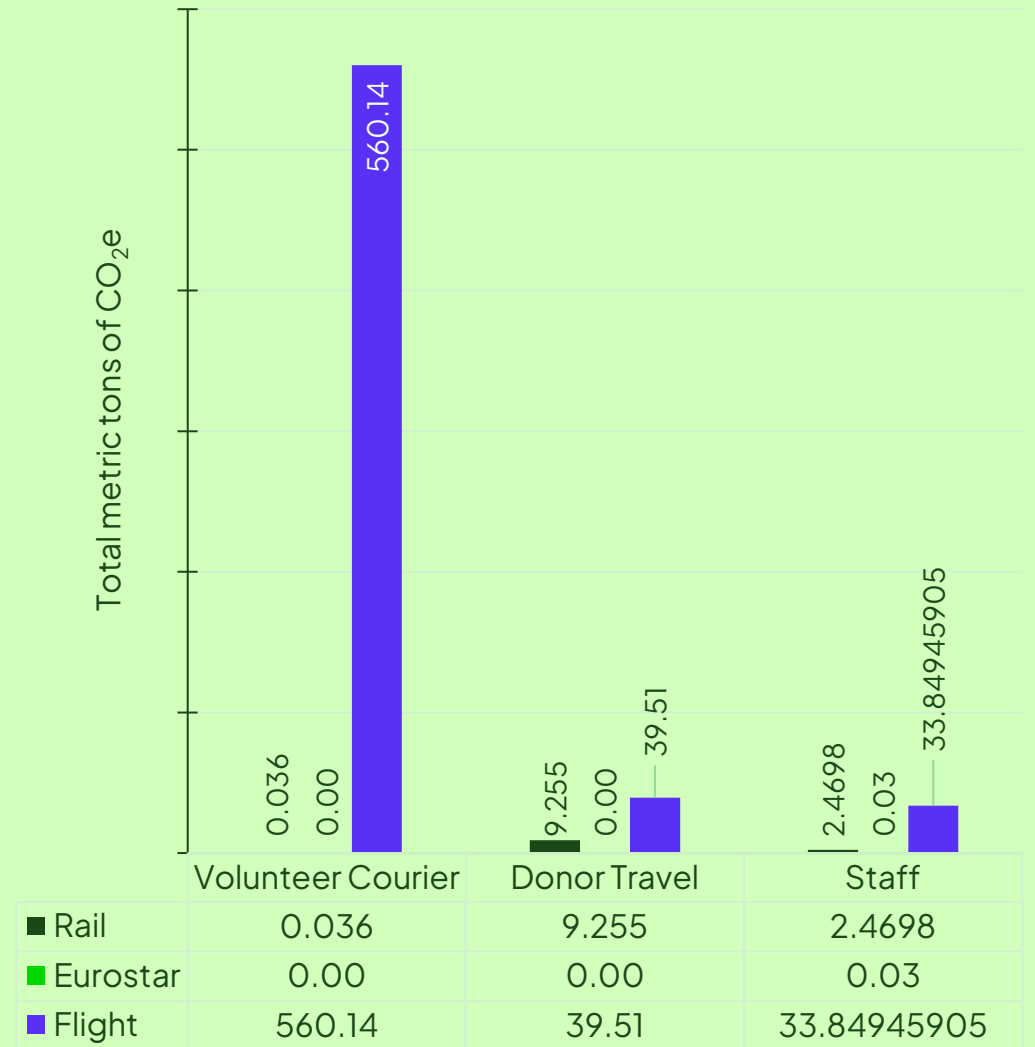
Business travel

Business travel carbon by area

■ Volunteer Courier ■ Donor Travel ■ Staff



Types of travel by area



Our carbon footprint

Methodology

The methodology used for determining energy and carbon emissions derive from the following:

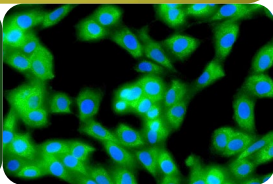
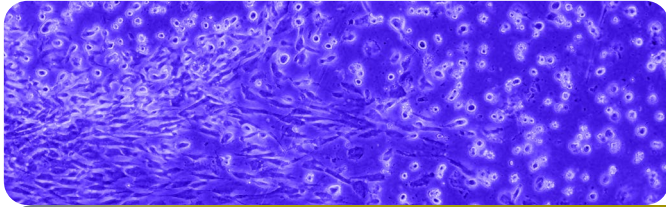
- Natural gas used for heating and hot water in the buildings we occupy (Scope 1)
- Electricity used for lighting, cooling, and air conditioning and the operation of laboratory equipment (Scope 2)
- Fuel consumption in vehicles that are used for business including employee vehicles used for business travel and fleet vehicles (Scope 1)
- Other energy consumption that is used in employee commuting, our suppliers and other external services (scope 3)

Energy consumption classified under scope 2&3 has been collated from actual usage recorded (gas and electricity) from billing. For scope 3 data we have collated information from suppliers, employees and some cases where data is not available we have estimated consumption based on activity data and averages. The carbon footprint has been created from accessible data and used the UK Government's Greenhouse Gas Conversion factors to translate into carbon emissions.

Scope 3 – Exclusions

The following areas of Scope 3 were excluded due to the complexity of accurate and available data, resource, and budget constraints. We aim to include them within the FY 2024/25 carbon footprint and report:

- Purchased goods and services
- Capital goods
- Upstream transportation and distribution
- Employee homeworking
- Banking
- Leased assets



Environmental Sustainability

Reducing our emissions

In the last financial year, we have made a few changes to reduce our environmental impact:

- We moved to an electric vehicle.
- We reviewed our toilets office and updated them in one of our offices and halved the water usage of that building.
- A new heating/cooling system has been implemented.
- We have undertaken a brand refresh where all items were reviewed, with sustainable alternatives located for many key items.
- We have implemented UCL's Laboratory Efficiency Assessment Framework (LEAF) in our first laboratory and look to roll it out to our Research and CGT laboratories in the next six months.
- LED lighting has been added into the key areas of laboratories, over the next two years this will be rolled out to all areas.