

ROUTE TO NET ZERO!

The ocean and climate crisis is at a critical point. Unless we all play our part to help cut global carbon emissions, it will be too late. At SAS we have committed to improving our carbon footprint and general environmental performance to achieve Net Zero Carbon Status by June 2021.

This action plan shows the short, medium and long-term actions we are going to take to cut our emissions. Over time, as we implement the most

impactful changes, we will be able to reduce our reliance on carbon offsetting. This plan is a working document and will be reviewed annually.

WHAT IS NET ZERO CARBON?

Net zero refers to the balance between the amount of greenhouse gases produced and the amount removed from the atmosphere. Net zero is reached when the amount of greenhouse gases produced is no more than the amount removed from the atmosphere.

2019 CARBON FOOTPRINT



Top contributors

Commuting
39.1^TCO₂^E

Procurement
20.3^TCO₂^E

Flights
11.0^TCO₂^E

Total in tonnes of CO₂

85.2^TCO₂^E

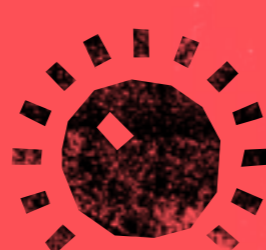
Breakdown

| | |
|------|--------------------------|
| 5.4 | Office electricity |
| 5.3 | Owned vehicles |
| 11.0 | Flights |
| 4.0 | Rail travel |
| 0.03 | Office waste & recycling |
| 0.1 | Office water consumption |
| 39.1 | Commuting |
| 20.3 | Procurement |

2021 ACTION PLAN



ENERGY
Assess and replace any inefficient kitchen and office equipment.



ENERGY
Reduce hot water thermostat to 60°C.



ENERGY
Annually review energy suppliers and to ensure our electricity is from the most sustainable suppliers.



ENERGY
Survey lighting to ensure all light sources are efficient and low energy and replace any inefficient lighting.



WASTE
Work with waste service provider to review waste disposal options that maximise reuse and recycling opportunities.



WATER
Ensure all water fixtures and fittings are efficient.



FINANCIAL
Audit the SAS staff pension scheme to ensure we are not contributing to unsustainable industries.



ENERGY
Review space heating temperature and timer controls to ensure heating efficiency.



TRAVEL
Prioritise remote-video conferencing for work meetings.



TRAVEL
Investigate opportunity to facilitate staff car-pooling and invest in office bicycle storage.



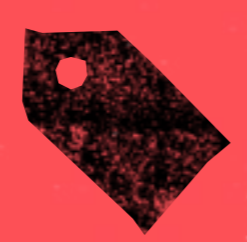
TRAVEL
Run an annual staff commuting survey to assess staff commuting patterns.



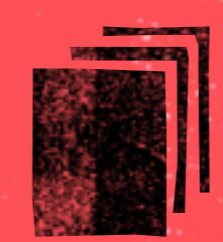
TRAVEL
Promote Travel Policy to ensure our sustainable travel hierarchy is engrained into the organisations working practices.



PROCUREMENT
Develop a Sustainable Procurement Policy Document that ensures the origin, packaging, material, production and transportation of products are highly sustainable and engage with our suppliers to measure the carbon footprint of their products.



PROCUREMENT
Ensure all products within the SAS shop are highly sustainable – both in production and transportation.



PROCUREMENT
Ensure all paper or card is made from recycled material or FSC certified.



PROCUREMENT
Only serve vegan (or vegetarian if vegan is not possible) meals at SAS events and use local, organic produce where possible.

2022

- Investigate possibilities of improving internal building insulation and windows to increase efficiency of our office.
- Develop a baseline for volunteer travel carbon footprint through monitoring and data collection and encourage volunteers to travel to events in a sustainable way e.g. car sharing, public transport.
- Develop resources to allow staff to calculate and monitor their own personal carbon footprint.

2023+

- Launch a feasibility study of potential for locally produced solar power.
- Switch diesel fueled van to an electric van.
- Become a Zero Waste Office.

NET ZERO

CARBON OFFSETTING

Carbon offsetting is used to offset the residual carbon emissions we cannot currently prevent (e.g. as we are based in a rural location in Cornwall some of our staff have no other option than to drive to work). In order for a net zero target to be meaningful or credible it is essential that emissions are first reduced at source to a practical minimum before any residual emissions are compensated for through carbon offsetting. Check out the work we are doing to tackle the Ocean & Climate Emergency and how you can get involved by visiting: [Ocean and Climate Crisis • Surfers Against Sewage \(sas.org.uk\)](http://Ocean and Climate Crisis • Surfers Against Sewage (sas.org.uk))

