

Carbon Crib Sheet 2022

Key Diary Dates

January	If your financial year runs with the calendar year, now is the time to start compiling your annual carbon footprint. 7 th - 8 th – IPCC, Global Warming and Agricultural Engineering, Tokyo 17 th -23 th – Big Energy Saving Week 2022
February	15 th - 16 th - International Conference on Environment, Climate Change and Human Health, London
March	11 th - 12 th - International Conference on Environmental Security and Climate Change, London 22 nd – World Water Day
April	Year Three SECR Report Submissions 1 st – Fossil Fools Day 22 nd – Earth Day
May	22 nd – International Day for Biological Diversity
June	5 th – World Environment Day 24 th – 25 th - International Conference on Environmental Security, Climate Change and Prospects for SDGs, Oslo
July	5 th – 6 th - International Conference on Environment, Sustainability and Climate Change, Singapore 11 th – World Population Day
August	23 rd – 1 st – World Water Week
September	22 nd – World Car Free Day
October	1 st – World Vegetarian Day 14 th – International E-Waste Day
November	European Week for Waste Reduction National Tree Week
December	5 th – World Soil Day 10 th – International Animal Rights Day

Definitions

Greenhouse Gases:

CO₂, CH₄, N₂O, HFCs, PFCs, SF₆, NF₃.

Carbon Scopes:

- 1 – Direct burning of fuel e.g. gas, diesel
- 2 – Indirect – purchased electricity
- 3 – Indirect – business travel, waste, water

What is 1 Tonne of Carbon?

Electricity to power a 40W lightbulb for 7 1/2 years!

3,500 miles in a medium size car – that’s as far as London to New York!

Typical Industry Emissions

	CO ₂ e / employee	CO ₂ e / £M turnover
Office	4	25
Manufacturing	7	40
Logistics	11	90

Quick Travel Comparisons

e.g. London to Manchester (return)

By average car = 0.12 tCO₂e

By train = 0.03 tCO₂e per person

By plane = 0.12 tCO₂e per person



Freedom Flights Prize

The Challenge- Fly a zero carbon emission 100+ seat passenger aircraft between London and New York and complete the return trip within 24 hours of starting out.

Find out more at: [Freedom Flight Prize](#)

Target Setting White Paper

Download our new White Paper on [Practical Climate Change Target Setting in Your Business.](#)

The paper explains exactly how to forecast reductions year on year, based on combinations of passive changes (e.g. reduction in grid electricity factors to government timelines) and active changes (whereby your organisation commits to specific actions – e.g. transition to non-fossil fuel cars and trucks).



The need to galvanise global efforts to reach 'net zero carbon' is everywhere and is a valid call to action; indeed, many businesses are now faced with supply chain imperatives to achieve this status by 2030 (or sooner) – far ahead of many countries' own 2050 net zero targets. What however has been less clear is exactly how to get to net zero carbon in a business, particularly whilst balancing other financial and operational needs.

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