

Climate Change Action Plan Update

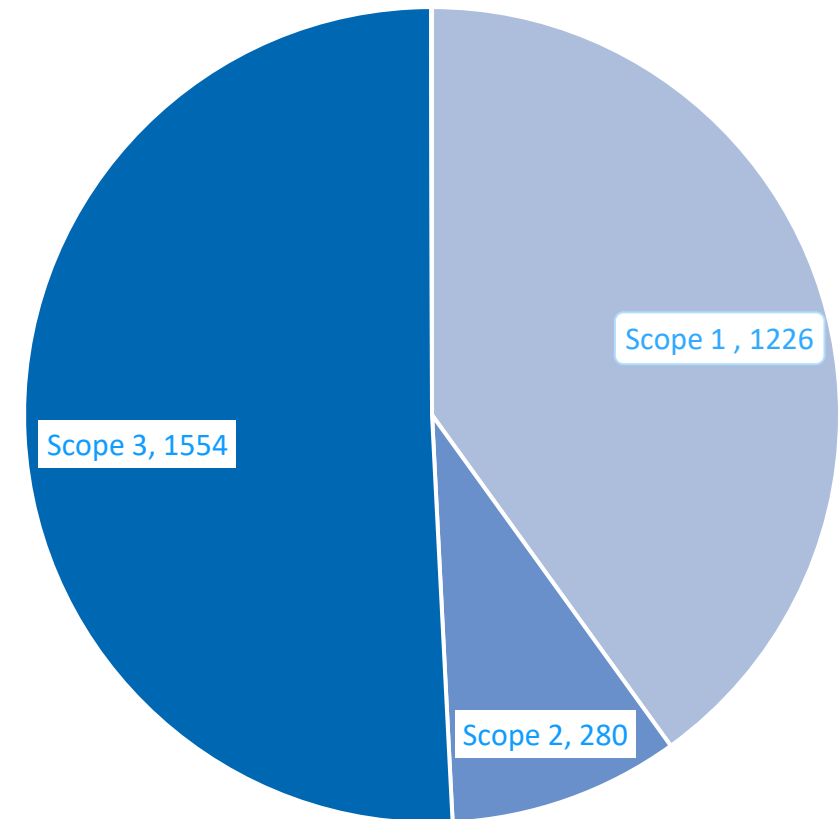
- Last update 04 July 2023
- Project updates



Carbon Footprint Reminder

- Commitment to carbon neutral in Scope 1 and 2 emissions by 2030
- Scope 1 and 2 reduced by 22% between 2020 and 2023

2022/23 Council Carbon Footprint tCO2e



Scope 1: Vehicle Replacement Programme

- 584 tCO2e vehicle emissions in 2022/23
- April 2023: Invest to save approach to reduce running costs in the long-term
- Programme set out to introduce on average 3 EVs a year over next 5 years
- 2023/24 – will see only 2 EVs introduced
- 2024/25 – plan to introduce 4 EVs



Scope 1: Vehicle Replacement Programme

- **New infrastructure:**
- Double EV charger unit at Depot will accommodate first wave of EV's
- Chargers at Fareham Live car park could provide additional capacity if needed
- Fleet Management System training and implementation scheduled for January 2024
- Reviewing vehicle tracking system - should improve route optimisation

Scope 1: Hydrotreated Vegetable Oil (HVO)

- Reduced vehicle fuel emissions by 299 tCO₂e in 2022/23
- Continue to use in 1/3 of fleet in 2023/24 (Garden Waste, Small Vehicles)
- Additional cost of HVO over diesel predicted to be around £50,700 in 2023/24 down from £60,498 in 2022/2023
- Continue similar level of use in 2024/25

Scope 2: Council Electricity Tariffs

- Continued with zero-carbon (Nuclear only) electricity tariff for 2024/25
- Market v location emissions
- Additional cost of £4,800 per annum

- Utilities Review undertaken (Opportunities Plan Project)
 - Limited savings opportunities from switching tariffs/suppliers
 - Staying on existing tariff

Scope 1 & 2: Building Decarbonisation Opportunities

- Potential Salix Public Sector Decarbonisation bid in Summer 2024
- Focus on replacing heating systems with low carbon solutions
- Currently identifying FBC owned sites that could be eligible

Scope 2/Wider Borough: New Fareham Live car park

- Estimated reduction in electricity emissions of 54 tCO₂e a year compared to Osborn Road
- Renewable energy generation opportunity discounted due to Town Centre Regeneration

Scope 3: Daedalus

- **Solent Airport:**
- Non-airside vehicle fleet operating on HVO
- Airside vehicle fleet to start using HVO in Winter 2024
- RCA staff campaign focusing on reducing energy usage

Scope 3: Leisure Centres

- Application submitted October 2023 for both leisure centres for funding from the Swimming Pool Fund
- Combined total of £1,498,665 applied for (100% grant funding)
- Measures included:
 - Solar PV
 - Pool covers
 - Microfiltration system
- Find out if bid successful in January 2024

Renewable Energy Generation

- Potential 3.5MW Solar Farm on Council land – Hook Recreation Ground
 - Report detailing business case likely March Executive
 - Report will also cover the main aspects of the project:
 - The site
 - Consultancy advice received
 - Development process
 - Environmental benefits
 - Operating models
- *Feasibility study into energy generation opportunities at Daedalus to be progressed*

Wider Borough: EV Charging Points (EVCP)

- Feasibility study: interest in EVCP is very site specific
- Company appointed for the installation of EVCP at Osborn Road car park
- Four chargers to be installed ready for opening
- Also exploring potential opportunities for chargers at the Innovation Centre



Wider Borough: Fareham Housing

- New Assheton Court development to be powered by ASHP
 - Includes rooftop PV
 - Battery storage
- *Communal areas will impact on Scope 1 emissions too*
- New policy for tenants who want to install an electric vehicle charger

Wider Borough: Private Housing

- Solar Together: 3rd scheme ran in 2023
 - Run by iChoosr in partnership with HCC
- Warmer Homes Scheme
 - Consortium led by Portsmouth Council
- Local Energy Advice Partnership (LEAP)

Wider Borough: Economic Development

- UK Shared Prosperity Funding (UKSPF)
- Allocated total of £45,000 for decarbonising business in the local area during 2023/24 and 2024/25
- November 2023: Appointed decarbonisation specialist Beyond Procurement
- 12-month support programme to 27 Fareham-based businesses
- Provide advice to help achieve their sustainability goals and reduce energy costs