

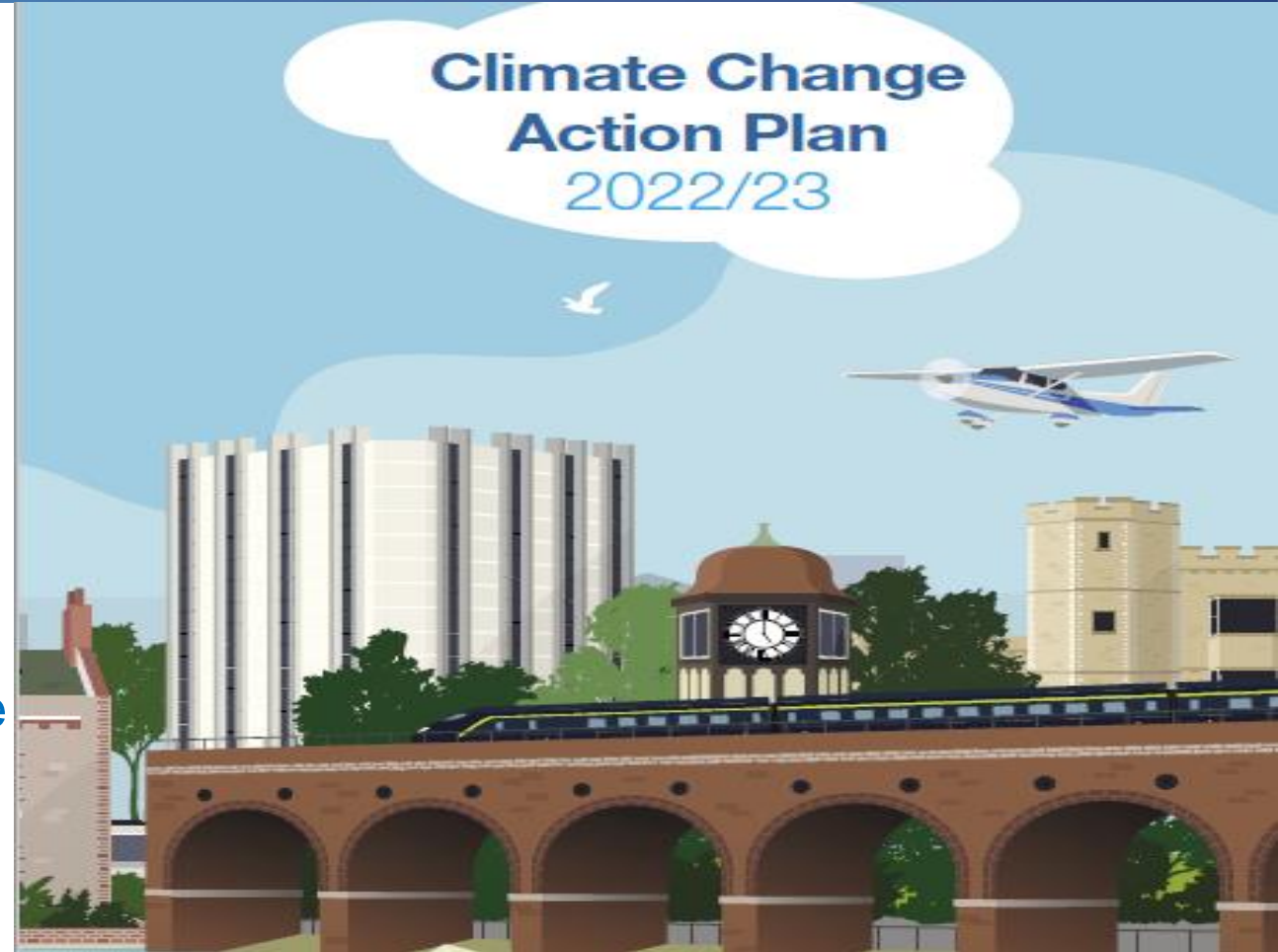
Climate Change Action Plan Update

- Last update 17 January 2023
- Annual review document
- Project updates



Climate Change Action Plan 2022/2023 review

- Annual report to Scrutiny Panel
- Review document highlights:
 - Achievements during last 12 months
 - Main challenges:
 - Reducing vehicle fuel emissions
 - Decarbonising our buildings
 - Reducing gas emissions
 - Energy generation and the potential role offsetting
- To be published after Scrutiny Panel



Project Updates

Council Energy Tariffs

- Opportunity Plan Project: Reviewing current Gas/Electric framework

Electricity:

- Continued with zero-carbon (Nuclear only) electricity tariff for 2023/24
- Additional cost of £2,398 per annum

Gas:

- Green gas is an option for reducing gas emissions
- Around 23% more expensive than natural gas
- Additional cost of green gas for scope 1 sites is around £89,600 per year
- Green Gas currently discounted on cost grounds but will monitor costs

Vehicle Replacement Programme

- Opportunities Plan Project
- Approved: May 2023 Executive
- Invest to save approach to reduce running costs in the long-term
- 16 EV's to be procured over 5-year programme
- Phased approach of 3 EV vans a year



Vehicle Replacement Programme (continued)

Infrastructure:

- Proposed 6 – 8 chargers at Depot site
- Looking at distributed vehicle fleet options e.g. Osborn Road
- Fleet Management System in place September 2023

Hydrotreated Vegetable Oil:

- HVO used in 1/3 of fleet in 2022/23 (Garden Waste, Small Vehicles)
- Additional cost of HVO was £60,498 over diesel in 2022/2023
- Price difference as of June 2023 is nearly half that of last year
- Mayor Car operated on HVO since May 2023

Decarbonising our buildings

Civic:

- LED lighting now on floors 6, 7, and majority of ground floor
- 5-year Asset Management Plan in development

Depot:

- Depot Asset Management Plan currently in year two of three
- LED's being installed in Depot Office and Transport Repair Unit
- Solar panels currently on building next to main building

Reducing our energy use in buildings

- Staff/Member energy saving campaign launched December 2022:
 - Switching off devices e.g. PCs
 - Using less lighting
 - Walk up stairs more if able
 - Celebrate staff that make big changes
- 7% reduction in Civic electricity usage in 2022/23

Fareham Housing

- Improving energy efficiency of housing stock
- Local Authority Delivery (LAD) 2 scheme now closed:
 - Delivered 177 improvements to 159 properties
 - Measures focused on solar PV, loft insulation, and upgrading electric storage heaters
- Sir Randal Cremer House, Station Road, has rooftop PV powering the communal areas and also uses battery storage
- All new developments required to have EV chargers fitted

HACT

- Housing Association Charitable Trust (HACT)
- Assessing opportunity to use our investment in recent housing stock retrofit measures to create carbon credits
- Calculates the carbon reduction associated with measures e.g. solar panels
- One tonne of carbon saved equals one carbon credit
- Sell the credits on a controlled market
- Purchaser uses credits to offset their own footprint
- We re-invest the money back into our housing stock

Osborn Road Car Park

- Project to demolish multistorey and replace with surface car park
- Estimated saving of £75,000 per annum in electricity costs
- Designed with passive EV chargers number dependent on demand
- Solar canopies and battery storage / private wire being explored

EV Charging

- Osborn Road car park, Leisure Centres, and Innovation Centre are priority sites
- Next step: Commission feasibility study on EV charging
- Number of companies offer at no cost
- Study would provide guidance on:
 - Viability of locations
 - Operating models
 - Business case
- Compliment HCC on-street approach



Daedalus

- **Business Parks:**
- Feasibility study of energy generation and storage potential across site
- Strategic Sites service leading on work with Oxford Innovation centre to install EV chargers at site
- **Solent Airport:**
- Vehicle fleet will be operating on HVO from Autumn 2023
- RCA staff campaign focusing on reducing energy use

Leisure Centres

- Fareham Leisure Centre main sports hall upgraded lighting in early 2023
- Leisure Energy draft study received (joint funded by FBC and Everyone Active)
- **Number of measures proposed for both centres:**
 - Rooftop solar PV at both centres
 - Pool filtration improvements at Holly Hill (currently relatively inefficient)
- Save 127.9 tCO₂e per annum
- 14% reduction in the combined Leisure Centre carbon footprint

Leisure Centres Funding

- **Funding schemes available:**
 - Public Sector Decarbonisation Scheme (PSDS) £34m (grant value) – applications expected to open September 2023
 - Sport England Swimming Pool Fund two phases:
 - £20m revenue scheme – application deadline end of July 2023
 - £40m capital scheme – details to be announced September 2023
- Need to decide which projects to take forward and apply for funding

Community Centres

- £30,000 allocated for energy saving measures across community centres - strong focus on LED lighting
- 9 out of 10 centres received funding with nearly all measures being installed
- In total £26,670 awarded
- Remaining £3,329 to be allocated
- Opportunities Plan long list – FBC finance energy saving measures with payback by centres

Hook Tip Renewable Energy Project

- April 2022: Southwest Net Zero hub study
- Spring 2023: More detailed feasibility study by consultants
- Suggests potential for a 3.5 MW solar array
- Project has the potential to offset 775 tCO₂e in 2025/26:
 - Would reduce our net operational emissions (scope 1 + 2) by 49%
 - Offset/inset potential of site likely to diminish over time as grid becomes greener e.g. 357 tCO₂e by 2030
- Further feasibility and financial business case required

Energy Efficiency Measures: Private Housing

- Solar Together 3rd scheme will run again this year
 - Registration will open in August 2023
- Local Energy Advice Partnership (LEAP)
- Warmer Homes Scheme
- Homes Upgrade Grant (HUG) 2 successful application
 - Marketing of scheme to start Autumn 2023

Economic Development

- UK Shared Prosperity Funding (UKSPF)
- Allocated total of £45,000 for decarbonising business in the local area
- £10,770 (2023/24) and £32,592 (2024/25)
- Currently identifying how best to use funding - likely expert support and guidance

Climate Change in Executive Reports

- June/July – piloting in relevant reports
- **Environmental Considerations sections:**
 - Short paragraphs discussing the potential impact a project could have on the environment
 - No significant detail on carbon figures
- **Carbon Impact Assessment appendix:**
 - For some proposals e.g. vehicle replacement programme, construction projects
 - Detailed figures on estimated carbon impact and any mitigations
- Aim to role out fully for September