



**CLIMATE AND THE ENVIRONMENT
SCRUTINY & IMPROVEMENT COMMITTEE
FRIDAY 23 SEPTEMBER 2023 AT 10:00AM
CIVIC CENTRE, RIDLEY STREET, REDCAR, YORKSHIRE, TS10 1TD**

CONTACT

Mr David Boville
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14 September 2022

CIRCULATION

Councillors Thomson (Chair), Craig (Vice Chair), Baldwin, Brook, Cawley, Jones, Morgan, I Nightingale, Pallister, Rider, Stuart Smith, V Smith and Waterfield.
Councillors Foggo, Hunt, Lanigan and Westbury (Cabinet Members - for information)
All Members of the Council (for information)
Managing Director (Head of Paid Service)
The Press [except for Confidential item(s)]

A G E N D A

	<u>Pages</u>
1. Apologies for Absence.	
2. Declarations of Interest.	
3. Relevant Cabinet Reports.	
Would Members please refer to their copy of the Cabinet Workbook for the meeting (these papers will follow).	
4. Performance Update.	2-21
5. Draft Updated Climate Change Action Plan.	22-28
6. Future Work Planning.	Discussion
7. Any items the Chair certifies as urgent.	



Climate Change 2022/23



RCBC - Performance Summary

Overview & Scrutiny Committee

Quarter 2

July 2022 to September 2022

Key Updates

- Climate Change Action Plan now refreshed for 22/23
 - Increased volume of actions
 - Public version of action plan to be produced
- First procurement exercise run with 'low carbon' as a standalone part of the 'Quality' section (road resurfacing)
 - led to North East's first net zero carbon scheme
- Finalised contract for public EV charging provision delivering a 17.5% return on net revenue with zero capital investment
- First EV Charger replacements at Civic Centre and Seafield House
- Street Sweepers running on HVO



Quarter 2

July 2022 to September 2022

Key Updates

- 'All Our Futures' Conference for young people run by The Junction, focussing on climate change
 - Keynote opening
 - 2 x workshops – energy efficiency and effective recycling
- Low Carbon Training Module now on Agresso for staff
- Low Carbon Design Guide developed for PDI
- Redcar Hydrogen Community Project Consultation progressing



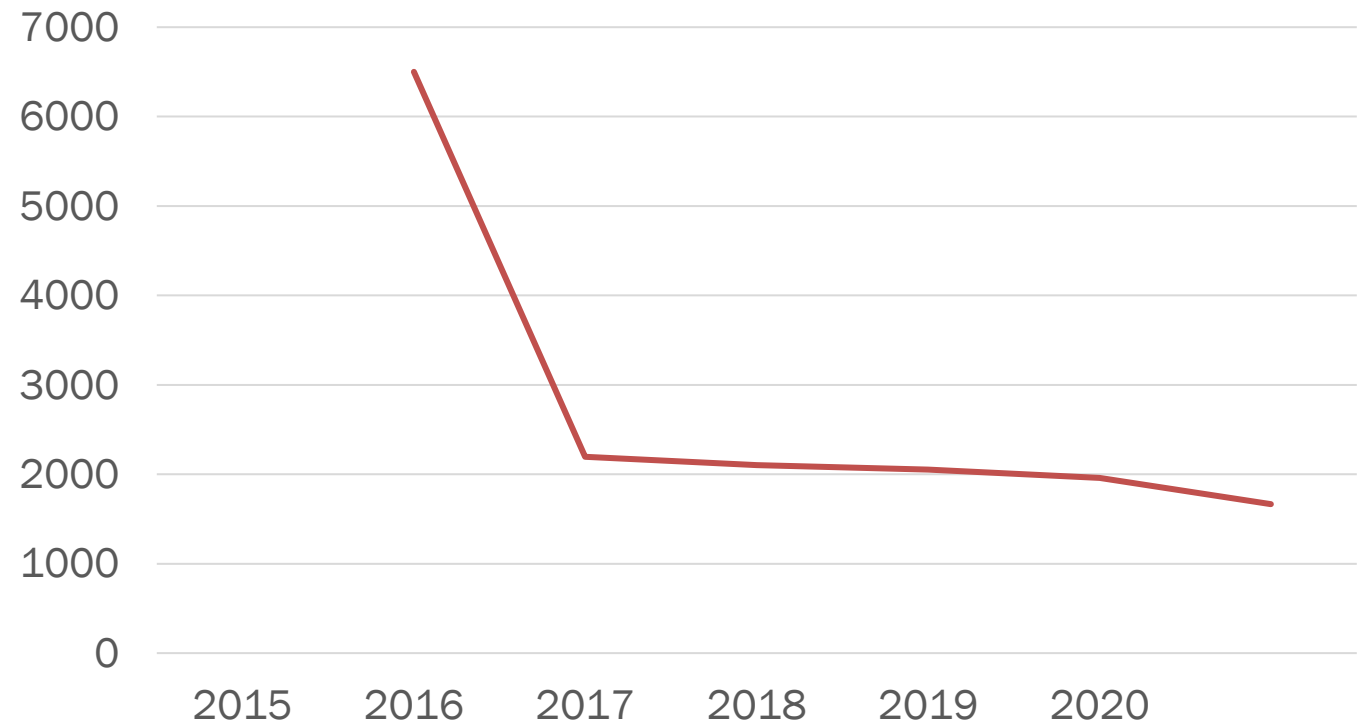
Borough Emissions

BEIS Statistics Updated






The Borough's emissions dropped between 2019 and 2020 by 296,000 tons.

Current Emissions are 1.664M tons per year

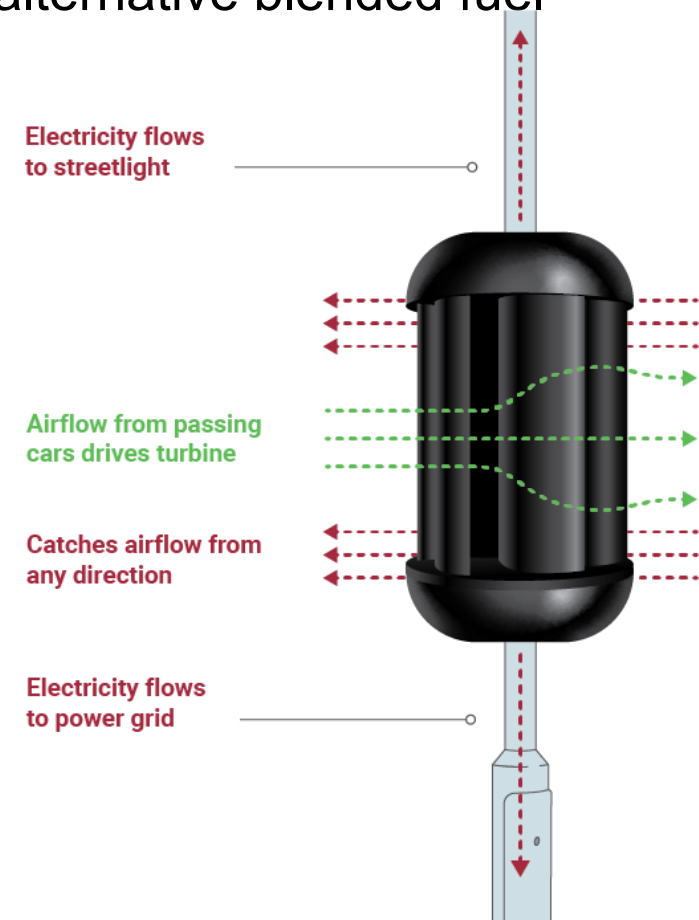


Managing Director's Dashboard

Measure	Current Performance	Target for 2022/23	Direction Of Travel
Reduction of carbon emissions from Council estate	3711	Reduce by 5%	
Council Co2 Emissions (tons per annum)	7640	7200	
Percentage of permanent vehicle fleet zero or low emissions	6.63%	20%	

Quarter 3 2022/23 and Beyond...

- Streetlight column-mounted wind turbines trial under development
- Hydrogen Transport Hub - Trackers on RCV's have confirmed RCBC suitability for hydrogen. Tees Valley Bid under development
- Exploring increased use of HVO or alternative blended fuel source (Green biofuel GD45)
- PSDS Phase 3b bid submitted for 4 sites. Outcome expected in January 2023
- Further public EV Charging installations
- Dormanstown Central Depot – increased EV Charging Capacity
- Significant EV order for Council Fleet





Environment 2022/23 – Q1

Quarterly Performance Report

Presentation to Climate and Environment Scrutiny & Improvement Committee

Quarter 4

January to March 2022

Directors Statement

Highways, Engineering and Construction

Street Lighting

Waste & Recycling

Community Safety & Compliance

Clean and Green

Countryside Services

Fleet Services



Environment



Risks, Issues & Solutions

What's Working Well?	How Do We Know?
Appearance of the borough	Feedback / support of volunteers
Tree Planting	Funded annual programme
Longer Term Planning	Developing strategies and programmes
Service Development and Improvement Team	Team now in place

What Are We Worried About?	What Are We Doing About It?
Impact of Ash Die Back on the Borough's trees	Monitoring the situation / prioritising work
Impact of inflation on suppliers and contractors	Discussing price pressures and procurement options
Staff shortages in Countryside Team	Use of contractors / talking to partners / agency staff
Recycling Contamination	Increased monitoring / communications campaign

Apprentices & Kickstart Employees



Horticulture apprentices:

9 recruited – 2 have left

3 have gained permanent positions. (1 since left)

4 are still studying their apprenticeship.

Waste Apprentices

2 have progressed into permanent roles

1 young person has been funded from Kickstart to go into a waste apprenticeship.

Environment Business Admin

1 has just been appointed into a permanent position

1 new apprentice has now started

Kickstarts

14 taken on this financial year.

3 have gained full time employment

Highways Engineering & Construction

Maintenance Operations

- Resurfaced 1 car park, Road Resurfacing program on going
- 4 footway schemes completed
- Swans Corner on going till Autumn
- Normanby Top/ Retail park dates to be set.
- Working on Regeneration team works.
- 100% of road gullies cleansed to schedule
- 100% of inspected potholes responded to within 5 days
- 100% reported street light outages reported responded to within 5 days
- 100% of culverts maintained to schedule.



Waste & Recycling

Waste and Recycling Updates



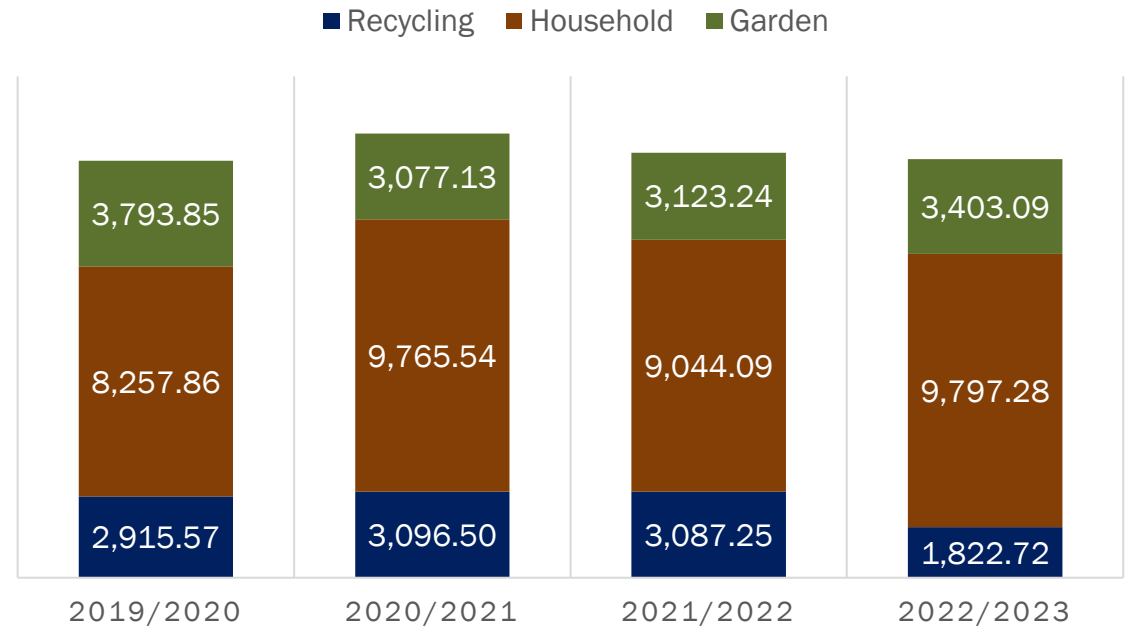
Bins delivered

➤ 240L Household	=	121
➤ 240L Recycling	=	51
➤ 360L Recycling	=	2
➤ 240L Garden	=	51

- 131 caddies delivered
- New radios fitted into all vehicles
- New recycling contract commenced – 1st April 2022
- Delivery of six new 30 yard skips for Dunsdale

Waste Trends – Q1 Comparison

Waste & Recycling



	2019/2020	2020/2021	2021/2022	2022/2023
Recycling rate (Q1 comparison)	44.80%	38.70%	40.70%	34.80%
Recycling rate (Annually)	40.30%	37.30%	38.20%	/

Community Safety & Compliance

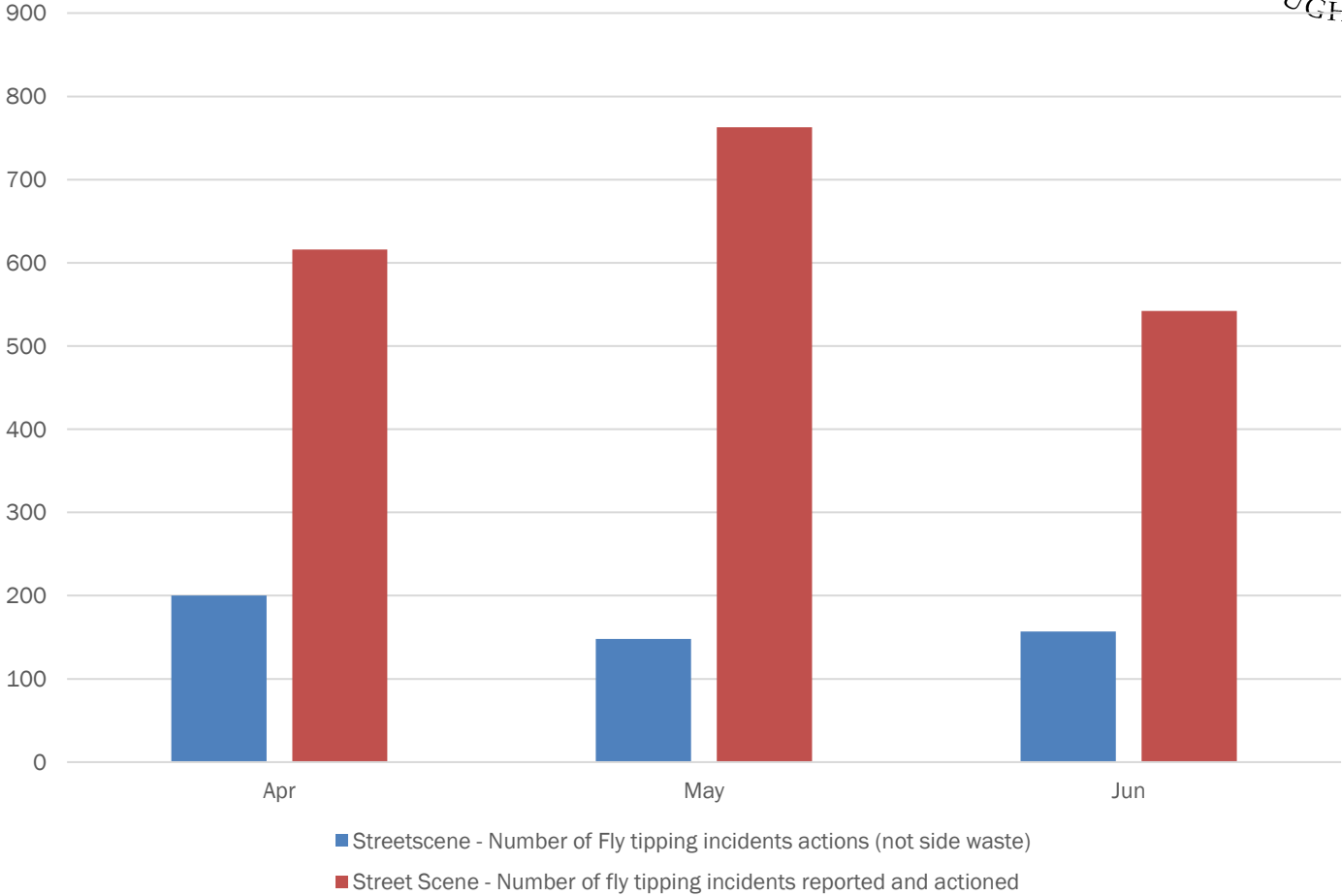


Enforcement Actions

- Penalty charge notices issued – 1071
- Fly tipping enforcement actions – 38
- Dog enforcement actions – 30
- Dog walkers stopped for means to pick up – 92
- Total of 88 arrests, the CCTV Control Room assisted – 25
Of these 88 arrests instigated by the CCTV Control Room – 63

Clean and Green

Fly Tipping Trends



Countryside Services

Volunteers and Visitors

- Significant increase in visitor numbers to countryside areas
Guisborough Forest Walkway and Flatts Lane 67,191



Countryside Services

Projects



Installation of a selfie frame at a popular viewing point at Flatts Lane Woodland Country Park.



New stile installed at Upleatham by the Access Ranger and volunteers.



Installing a new stone path to replace a popular desire line created by visitors at Flatts Lane Woodland Country Park.



Countryside Services

Projects



The Countryside Team worked together to repair and replace steps on the Cleveland Way from the Ship Inn, Saltburn



Post and rail fence replaved on the Cleveland Way, Huntcliffe.



Further Updates



Currently in Progress

- Saltburn Transport Consultation
- Delivery of Swans Corner highway improvements
- Discussions with TVCA in regards to CRSTS Projects
- Development of Service Improvement Team
- Ongoing Recruitment to Various Roles



Questions

Environment

Enhancing the natural environment

Redcar & Cleveland Borough Council

Climate Change *Action Plan* 2022 - 2025



A Cleaner, Greener Organisation

Our understanding of climate change is developing rapidly, affecting global priorities, government policy, technology, manufacturing and the availability of solutions. As a result, the Council's action plan to tackle its own emissions and those of the borough will be updated on a rolling basis, enabling changes in funding, technology and understanding to be capitalised upon.



Reduce the carbon emissions from our buildings by generating more renewable energy on-site, making the buildings more efficient and reducing their energy requirements.

We will seek grant funding to deliver our building decarbonisation plans



Finalise an accommodation strategy which will consolidate the number of buildings we require, maintaining high quality service provision alongside reduced consumption and emissions



Develop a building retrofit programme based on a heat decarbonisation plan, aimed at substantially reducing the emissions from Council buildings via measures such as air source heat pumps and improved IT infrastructure





Electricity



Explore the feasibility of a solar farm on Council land to generate renewable energy and deliver a return on investment which can be used to support further climate change reducing initiatives



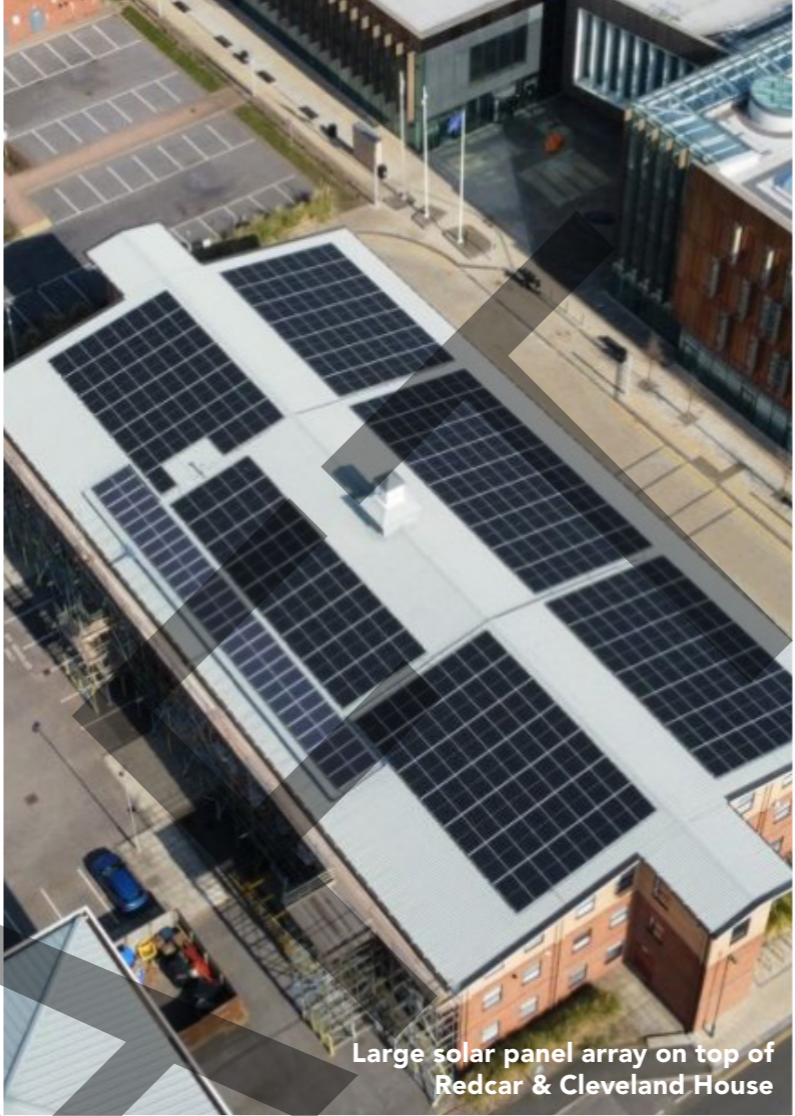
Generate more renewable energy from our buildings and land to reduce our demand and support the grid



Explore the use of on-site generation of solar power and energy storage for Council facilities and amenities including car parks, visitor attractions, offices accommodation and public conveniences



Monitor developments in the national and international energy sector to identify new and / or promising emerging technologies and applications to deliver Net Zero



Large solar panel array on top of Redcar & Cleveland House



Air source heat pumps at Grangetown library



Solar panel array at West Locality Base, Ormesby





Council Fleet



Double the amount of EV charging points specifically for fleet vehicle use



By the end of 2023, at least 20% of our vehicle fleet will be zero or low emission



We will trial and roll out alternative fuels in our vehicle fleet to reduce emissions

Street Sweeper running on Hydrotreated Vegetable Oil (HVO)



Recycling waste from our borough

Other Actions

- Develop a plan for waste and recycling in line with the Tees Valley Joint Waste Management Strategy and forthcoming Environment Act requirements
- Embed 'low consumption' as a fundamental component of our procurement pipeline
- More of the material extracted during road re-surfacing schemes will be re-used
- Examine how the planting of trees and use of natural materials can be introduced as a measure within flood prevention plans
- Finalise a Tree Strategy setting out commitments for tree planting year on year in the borough as well as promoting biodiversity
- Increase the number of community orchards in our borough
- Explore amendments to the staff mileage process to encourage uptake of ultra-low and zero emission cars
- All growth plans initiated will have carbon reduction (where there is an existing carbon footprint) or carbon neutrality (where there is no pre-existing carbon footprint) as a fundamental component of scheme designs
- Research and consider pilot projects to reduce carbon
- Deliver a carbon neutral road resurfacing scheme in the borough
- Develop a design guide to ensure that all new projects involving building work will be subject to specific low carbon design requirements from the outset
- No council services will use peat based fertilisers
- Our highway and engineering procurements will emphasise low carbon and will monitor the emissions of our suppliers

Collective Responsibility

Industry and Commerce



- Continue working to deliver the Energy Recovery Facility and agree a plan with the awarded contractor for the year on year reductions in carbon emissions from the site
- Require the successful Energy Recovery Facility Operator to explore carbon capture technology as a means to offset outputs from the site
- Support the public engagement and development of the Hydrogen Community Project by Northern Gas Networks
- Work with education providers and partners to prepare for, and support, a low carbon skills transition
- Support the development of the Net Zero Teesside project at the Teesworks site
- Establish partnerships with organisations in the borough to support their plans to reduce emissions
- Encourage and support the efforts of businesses wishing to decarbonise and will encourage inward investment from those who wish to facilitate national decarbonisation

Domestic fuel



- Engage with the private rented sector to ensure adherence with the Minimum Energy Efficiency Standard (MEES) and support where possible implementation of low carbon measures to deliver EPC improvements
- Develop a communications programme for local private homeowners directing them to information about how and why to reduce their carbon footprint
- Administer government grant funding for private homeowners with low energy banded homes

Transport



- Support the delivery of the Tees Valley Hydrogen Transport Hub Masterplan
- Working with the Tees Valley Combined Authority identify a list of appropriate public EV charging sites throughout the borough aimed at facilitating commerce and tourism
- Agree and implement a car parking strategy to increase sustainability and drive green transportation and tourism
- Clarify transport information responsibilities to deliver improved, timely bus/train times & fares to all residents, businesses and visitors
- Improve promotion of walking, cycling, bus and train routes in our Borough, specifically targeting residents
- Develop a programme of strategic walking & cycling schemes to create an enhanced Redcar & Cleveland network
- Trial charging points in residential areas where most houses do not have driveways
- Develop a low emissions bus pilot with bus operators in the borough.
- Encourage the uptake of electric vehicles as taxis in the borough by supporting charging infrastructure investment
- Explore whether vertical axis wind turbines could be suitable for generating renewable energy to help power streetlights

Land Usage



- Following the National Planning Policy Framework and any legislative changes to the planning process, we will review our Local Plan to ensure that our planning system in Redcar & Cleveland is as robust as possible in relation to sustainable development, low carbon / carbon neutral development and the growth of infrastructure to support a low carbon economy
- Work with partners such as the North Yorkshire Moors National Park Authority and Forestry England to promote but simultaneously protect and develop the natural landscapes in our borough



Actions: The Bigger Picture



Work with TVCA to support
the creation of a net zero
carbon industrial cluster
in the Tees Valley

Actively support climate change
research through participation
in research programmes



