



**CLIMATE AND THE ENVIRONMENT  
SCRUTINY & IMPROVEMENT COMMITTEE  
FRIDAY 04 NOVEMBER 2022 AT 10:00AM  
CIVIC CENTRE, RIDLEY STREET, REDCAR, YORKSHIRE, TS10 1TD**

**CONTACT**  
R Puggmurr  
(01642) 444413  
27 October 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)]

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**A G E N D A**

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	<b><u>Pages</u></b>
1. Apologies for Absence.	
2. To confirm the minutes of the meeting held on 23 September 2022	2 – 4
3. Declarations of Interest.	
4. Relevant Cabinet Reports.	
<b>Would Members please refer to their copy of the Cabinet Workbook for the meeting (these papers will follow).</b>	
5. Tree Planting Strategy – Presentation attached	5- 13
6. Recycling Update - Presentation	To follow
7. Electric Vehicle Charging Update, Strategy and Action Plan	14 -22
8. Action Update	23
9. Any items the Chair certifies as urgent.	



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23 September 2022

## CLIMATE AND THE ENVIRONMENT SCRUTINY AND IMPROVEMENT COMMITTEE

A meeting of the Climate and the Environment Scrutiny and Improvement Committee was held on 23 September 2022 at the Civic Centre.

**PRESENT** Councillor Thomson (Chair),  
 Councillors Baldwin, Brown (substituting for  
 Councillor Pallister), Cawley, Craig, Morgan,  
 Richardson (substituting for Councillor Brook),  
 Rider and V Smith.

**OFFICIALS** D Boville, R Hoof, C Moon and P Rice.

**IN ATTENDANCE** Councillors Foggo, Hunt, Lanigan and Westbury.

### **APOLOGIES FOR ABSENCE**

Apologies for absence were received from Councillors Brook, Jones, I Nightingale, Pallister and Stuart Smith.

### 1. **PERFORMANCE UPDATE**

The Corporate Director for Adults & Communities presented an update on the performance of elements of the Adults & Communities Directorate as at the end of Quarter 1 2022/23.

As part of the ensuing discussion, the following points were made:

- The Council was working with unions to make Council buildings as energy efficient as possible. Should the Council implement warm spaces for residents during winter, this would have an impact on the Council's carbon emissions.
- Members requested further information, when available, on the streetlight column mounted wind-turbines trial.
- Work had been undertaken with the project team for Eston Pool to ensure the building was as low-carbon as possible.
- The energy team was working through the Council's assets to develop decarbonisation plans.
- Work was ongoing to develop the Council's Electric Vehicle (EV) Strategy, this would be presented to a future meeting of the Committee. If possible, the strategy should include a timetable for implementation and the use of EV charging points to promote tourism.
- More work needed to be done to advertise the locations of the Borough's EV charging points.

23 September 2022

- Members requested clarification on if EV Charging points were required to be installed in new build houses.
- The zero-carbon road surface could not be rolled out extensively at present as it depended on road suitability. The Council's contractors were increasingly becoming low carbon, with one highways contractor committing to zero carbon and one with a substantially lower carbon output than under the previous contract.
- Feedback would be provided on how the Council's new electric fleet vehicles were performing.
- Discussions were ongoing with Beyond Housing regarding responsibility for neighbourhood maintenance.
- Members would continue to be involved in the Council's tree planting strategy.
- The gulley cleaning schedule would be circulated to Members.
- The issue of dog fouling in Eston Cemetery would be looked into.
- Efforts would be taken to locate the 'no dogs allowed' template.
- The planting of wildflowers had not been sustainable. The Council was working with the Tees Valley Wildlife Trust to improve the Borough's biodiversity.
- Work needed to be undertaken with businesses to improve recycling rates.
- Consideration should be giving to offering to plant memorial trees for residents.
- The Council's volunteers in Countryside Services should be congratulated for their achievements.
- The restoration of the greenery around swans corner roundabout would be looked at.
- Inflation would have an impact of every element of Council services:-  
**NOTED**

2. **DRAFT UPDATED CLIMATE CHANGE ACTION PLAN**

The Assistant Director for Climate Change presented the draft of the recently updated Climate Change Action Plan for consideration.

Members requested that the Action Plan reference the work the Council was undertaking with partner organisations and other outside bodies in reducing carbon emissions across the Tees Valley:-**NOTED**

3. **FUTURE WORK PLANNING**

The Chair invited members to discuss issues relating to Climate and the Environment that they would like the Committee to consider at future meetings:

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As part of the ensuing discussion, Members suggested the following topics for future consideration:

- Mass crustacean deaths, with potential discussion with PD Ports, Teesworks, the Freeport and the Tees Valley Mayor. This may be dependant on the approach taken to addressing the recent Council motion.
- Homelessness strategy.
- Flood prevention:-**NOTED**

# Climate & Environment Scrutiny Committee

## ATTENDANCE RECORD - 2022/23

Surname	First name	23.09.22	dd.mm.yy	dd.mm.yy	dd.mm.yy	dd.mm.yy	dd.mm.yy	dd.mm.yy
Thomson	Phillip	✓						
Brook	Adam	RA						
Cawley	Ceri	✓						
Pallister	Lynn	RA						
Morgan	Carol	✓						
Jones	Chris	Apols						
Nightingale	Irene	Apols						
Baldwin	Neil	✓						
Rider	Vera	✓						
Smith	Stuart	Apols						
Smith	Vince	✓						
Craig	Julie	✓						
Waterfield	Stephen	X						

### Substitutes

Brown	Alec	✓						
Richardson	Carrie	✓						

### Key

✓	Attended
RA	Apologies Submitted (replacement attended)
Apols	Apologies Submitted (no replacement)
X	Did Not Attend (no apologies received)
C	Cancelled Meeting
n/a	Not a Member

### Reason for Absence (NB Full details for reasons of confidentiality)

1	Personal Commitment
2	Work Commitment
3	Illness/Medical
4	Conflicting Council Comr
5	Other
6	Civic Duties



# Tree Planting Strategy November 2022

Jay Hosie



# Tree Planting 2021

- Elected Members were asked for locations
- 12 Elected members responded
- 30+ sites were agreed
- 4000 trees were planted



# Challenges

- Decision was made late in the year
- Limited time for consultation due to ordering stock
- Some sites suggested were not welcomed by community
- Covid infection rate at key planting time
- Vandalism
- Spring/Summer watering (driest summer on record)

# 2022 Planting

- Sites have been identified by Streetscene Officers with emphasis
  - Increasing biodiversity
  - Reducing grass cutting
- 25 sites across the borough identified (as at 18.10.22)
  - 4 Greater Eston
  - 12 East Cleveland
  - 9 Coastal

# 2022 Planting

- Approximately 17,000 trees to be planted
- Mainly mixed natives
- Some sites identified for mature trees – ie Cherry/Willow
- Some sites identified for fringing/plantation replacement or enhancement
- Proportion of planting will be in response to Elected member suggestions/projects

# Biodiversity Strategy

- Tees Valley Wildlife Trust current supporting the development of the Strategy; including
  - Maintenance of open spaces
  - Flood Management
  - Use of pesticides/herbicide
  - Tree planting

# Other considerations

- Commemorative Trees
- Other potential projects working with Climate Change
  - Greenspace
  - The Junction
  - TVCA Funding
  - Orchard pilots for schools & communities

# Update on Ash Die Back

- 112 trees removed as at 19.10.22
- All main arterial routes between Redcar, Guisborough and East Cleveland have been identified for mass removal requiring road closures
- Not as extensive in Greater Eston but works required in Normanby
- Many trees being dealt with by own operational team on day to day basis

# Questions

# **REDCAR & CLEVELAND BOROUGH COUNCIL EV CHARGER STRATEGY**



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## INTRODUCTION

Nationally, electric vehicle (EV) registrations continue to rise in absolute numbers, with 15,094 new registrations in February 2022 (10,417 Battery Electric Vehicles and 4,677 Plug In Hybrid Electric Vehicles). Total new car sales for the month were 58,994, therefore roughly 25% of February 2022 sales were fully electric or hybrid.

In addition, The Government has banned the sale of all new fossil fuelled cars from 2030. (NextGreenCar.com, 2022).

On a more local level, Transport for the North (TfN)'s EV Charger Infrastructure Framework<sup>1</sup> estimated electric vehicle ownership in the Borough in 2020 at 150, rising to 3,700 in 2025 and 18,000 by 2030.

This significant growth anticipates 200 public chargers by 2025 and 450 by 2030 for use by residents only. If we are to cater for tourists with destination charging as well, these figures increase to 245 and 550 respectively.

## SUMMARY

As a Local Authority, we are involved in 'street alterations and parking (Gov.uk, 2022)<sup>2</sup>, but are not solely responsible for the provision of EV Charging, and support and encouragement is being provided to businesses across the region to assist with this.

There are several challenges facing the EV Charger Rollout in the Borough: grid unavailability being the main issue. In areas where this is a particular problem, additional grant funding is being investigated to ensure a network of chargers right across Redcar & Cleveland.

National companies, predominately supermarket chains and hotels, are responding to the growing EV market, and complementing EV charger numbers being installed by councils.

Key priorities are:

- lead by example – delivering publicly available EV charging infrastructure
- replace legacy chargers – improving the quality of what we already have
- ensure EV charging is available to residents with on street parking
- provide adequate destination charging to attract tourism
- encouraging business to install EV charging facilities for staff
- forge strategic partnerships and explore innovative solutions

## PROGRESS TO DATE

There are existing pre-existing EV Chargers in several public locations across the Borough which are available for anyone to use. In addition, the Council has installed charging points solely for use by its fleet vehicles at Central Depot in Dormanstown, and Skelton and Grangetown depots to support the existing EV van fleet in the Council.

The warranties on many of these EV Chargers, both public and private, have now expired, or are due to in the next eighteen months. Maintenance of these has been poor, with some now constantly out of order, and many functioning intermittently. For that reason, a new supplier has been sought.

In 2021, dual chargepoints were installed in Skelton and Loftus as part of broader place development work. These are in place until 2025, and are currently operating well.

In 2022, two major projects in the Borough were launched.

- TVCA are operating a centrally run project, funded by ORCS (On-Street Residential Chargepoint Scheme), which is currently rolling out EV Chargers in public car parks in Loftus, Redcar and Guisborough.
- The Council itself is working with a partner to implement 22 kW (fast chargers) in several planned locations. This arrangement would see capital costs for the installations borne by the partner with the Council taking an income from the net profit of the charger, in lieu of a lease. The first installations under this arrangement are at Seafeld House car park and the Civic Centre car park in Redcar.

This will provide the model for the vast majority of chargers installed by the Council, however there may be the occasional Council-funded installation which will also require maintenance to be paid, but all profit returned to Redcar & Cleveland.

## KEY PRIORITIES

### LEAD BY EXAMPLE

The Council has been pro-active in its use of electric vehicles in the fleet, with ten Nissan ENV200 being used by various departments across the Council, as well as an EV for the Mayor's car.

Twenty-five additional EV vans have recently been ordered to further increase the Council's EV fleet.

In addition, the car leasing scheme promoted by RCBC has focused on promoting electric vehicles to employees, and work is ongoing to see if there are options for longer leases to enable this offering to be available to employees in the lower salary ranges.

### REPLACEMENT OF LEGACY CHARGERS

The first priority for public chargers has been to start a replacement programme of existing chargers, located in areas of high use. Those at Seafeld House and the Civic Centre car parks were installed in August 2022, with a potential route forward for Windy Hill car park in Marske identified, replacing the now defunct existing model.

## ASSIST RESIDENTS WITH ON STREET PARKING TO CHARGE

The Government have placed emphasis on ensuring EVs are a viable option for all and, to that end, have offered grants to help local authorities place them in areas where there is a high incidence of residents without off street parking or garages.

This is being implemented by TVCA with Phase 1 providing public charging in Fisherman's Square car park and West Dyke Road car park in Redcar, North Road car park in Loftus and Fountain Street long stay car park in Guisborough. Locations for Phase 2 are being proposed and surveyed.

## ENCOURAGE BUSINESSES

The Government is offering excellent incentives to businesses at this time to move their company car fleets over to electric. Businesses are offered grant of £350 per charger, via the Workplace Charging Scheme<sup>3</sup>, towards EV Chargers being installed for use by their staff. Grants are available for up to forty chargers in total, across as many sites as required.

In addition, staff receiving company cars are only being charged Company Car Tax at a rate of 1% in 2022/3, in an attempt to speed up adoption. This has been particularly beneficial to company owners and their senior staff.

Many businesses are still not aware of these incentives and it is important to liaise with all businesses in Redcar & Cleveland to share the news and encourage uptake. This is being carried out by the Business Engagement Team.

## DESTINATION CHARGING<sup>4</sup>

Consideration will be given to locations where drivers are likely to visit for the day, to ensure there is adequate charging to encourage them to visit. Places like seaside resorts, museums, country parks and stately homes. These are likely to be a mixture of locations where charging will be installed by the Borough or TVCA, as well as private organisations wanting to promote their attraction.

## STRATEGIC PARTNERSHIPS

In addition to standard EV charger arrangements, there are companies offering other opportunities such as forecourt charging. These organisations lease land in busy traffic areas, and build an off street rapid charging garage style forecourt with amenities.

Two locations in the Borough have been identified as suitable sites, and these are being advertised to interested parties.

## INNOVATIVE PROJECTS

The LEVI (Local Electric Vehicle Infrastructure) Fund has recently started its first round of pilot projects, with the opportunity of a second round of pilot projects in 2023. The Council would look to propose an innovative projects combining surplus solar PV production, with battery technology and EV Charging.

In addition, the funding landscape is constantly reviewed for EV Charging and grid upgrade grant opportunities.

## OTHER CONSIDERATIONS

### GRID AVAILABILITY

Grid availability has been one of the biggest challenges to date. Several promising locations for chargers have had to be shelved as the cost to upgrade the grid has made the location uneconomic. This is a particular issue in Saltburn. Two 7 kW chargers are being installed in Cat Nab car park, as the grid cannot support more.

A recent grant bid application for assistance with grid upgrade costs, offered by the North East and Yorkshire Energy Hub failed, but other options are being investigated.

### ON STREET CHARGING

This is split into two areas:

- on street charging using street furniture and the Council's electricity supply
- facility to allow residents to charge their vehicles using their own electricity supply.

London, and other cities in the UK, have implemented on street charging using supply from lighting columns or dedicated bollards/posts. Many lighting columns in Redcar & Cleveland are set back from the edge of the pavements, making this option difficult for us to implement. Adding bollards/posts to the streets does offer a solution but adds to potential obstructions on pavements.

There is a call from residents with on street parking to consider a method to enable them to charge their vehicles using their own electricity supply. The driver for this is to keep their charging costs within their control, rather than paying an uplift to charge via a charging network. There is a reluctance to offer a solution at this time as the legal implications to the Council, in the event of an accident, are still to be determined by English law.

More work will be required for dedicated on street charging and there are a number of Innovate UK trials taking place across the country, to determine the best solution.

### ACCESSIBILITY

Wherever possible, we are ensuring our EV bays are the same size as disabled bays to provide greater accessibility. For the same reason, parking stops will be installed as opposed to bollards to help vehicles stop at the correct position. Bollards can prevent those in wheelchairs accessing the charger. Where possible, dropped kerbs will be installed.

The British Standards Institute has recently issued BSI 1899:2022<sup>5</sup> 'a new standard giving designers, procurers and installers essential specifications on how to provide accessible public chargepoints for electric vehicles'. Future installations in the Borough will take account of these Standards.

## FUTUREPROOFING

An important aspect of EV Charging projects is to ensure the future of the installed network. Unlike previous iterations, upgrades to equipment are included in arrangements with Zapcharged.

Other barriers to futureproofing will be assessed as they become apparent.

## REFERENCES

1. [TfN EV Charging Infrastructure Framework \(windows.net\)](#)
2. [Electric vehicle charging infrastructure: help for local authorities - GOV.UK \(www.gov.uk\)](#)
3. [Workplace Charging Scheme: guidance for applicants - GOV.UK \(www.gov.uk\)](#)
4. 'Destination charger' - is a term coined by Tesla to describe a Supercharger or recharging station that is situated somewhere that is fun, offers amenities, or is otherwise worth visiting aside from simply juicing up the battery.
5. [PAS-1899 | BSI \(bsigroup.com\)](#)

Existing / Proposed	Public / Private	Site	Unit Numbers	Type	Power	Warranty expires	New / Refresh / Remove
Existing	Public	Handale Car Park Loftus TBC	2	Double	7kW 22kW	2025?	New
Existing	Private	Central Depot, Limerick Road Redcar TS10 5JU	6	Double	22Kw	2021/22	New
Proposed	Public	Cat Nab Car Park, Saltburn Bank, Saltburn-by-the-Sea TS12 1NY	1	Double	7 kW		New
Proposed	Public	West Dyke Road Short Stay Car Park, West Dyke Road, Redcar, TS103ED	3	Double	22 kW		New
Proposed	Public	Fisherman's Square Car Park, Lord St, Redcar TS10 3BJ	6	Double	22 kW		New
Proposed	Public	Fountain Street Car Park, Fountain St, Guisborough TS14 6QF	6	Double	22 kW		New
Proposed	Private	South Tees Business Centre (Business Units 9-16)	8	11kw			New
Proposed	Public	Coatham Bowl, Coatham, Redcar	TBD	TBD			New
Proposed	Public	Majuba Road Car Park, Majuba Road, Redcar, TS10 5BJ	TBD	TBD			New
Proposed	Public	Marine Parade, Saltburn-by-the-Sea TS12 1DZ	2	Single	50Kw DC		New
Proposed	Public	Loftus (Former Library Site) Hall Grounds Car Park	4	Double	7kW 22kW	2024	New
Proposed	Public	West Street Car Park, 6 West St, Normanby, Middlesbrough TS6 0LF	1	TBD			New
Proposed	Public	Guisborough High Street - Location TBD	TBD	TBD			New
Proposed	Public	Flatts Lane Country Park, Flatts Ln, Middlesbrough TS6 0NN	TBD	TBD			New

Proposed	Public	Walkers Row Car Park, Guisborough, TS14 6HP	TBD	TBD			New
Proposed	Public	Coronation Park, Coronation Rd, Loftus, Saltburn-by-the-Sea TS13 4PS	2	Double	22kW		New
Proposed	Public	Kirkleatham Museum, Kirkleatham, Redcar, TS10 5NW	TBD	TBD			New
Proposed	Public	Kirkleatham Walled Garden Car Park	TBD	TBD			New



## Climate & The Environment Scrutiny and Improvement Committee – Action list

Actions from 23 <sup>rd</sup> September 2022		
<p><b>WIND TURBINES TRIAL</b></p> <p>When available, information to be shared with Members on the streetlight column mounted wind-turbines trial.</p>	C Moon	<p>Meetings continue to be held with a view to progressing a trial along a section of the A66. Further information will be shared as it becomes available.</p> <p>A link to information on similar trials can be found here:  <a href="#">Newsroom - Global first as Telford &amp; Wrekin Council trials innovative Alpha 311 wind turbines powered by passing vehicles</a>  <a href="#">2,000 wind turbines set for Greater Manchester Combined Authority - Alpha 311 (alpha-311.com)</a></p>
<p><b>ELECTRIC VEHICLES</b></p> <p>Information to be shared in relation to the Council's electric vehicle performance and aspirations.</p>	C Moon	<p>Updates will be shared with the Committee when available. Further information on Electric Vehicles, for interested Members, can be found here:  <a href="#">Electric and hybrid cars   Ultimate beginner's guide   The AA</a>  <a href="#">www.zap-map.com</a>  <a href="#">Approved Document S: Infrastructure for the charging of electric vehicles (publishing.service.gov.uk)</a></p>
<p><b>GULLEY CLEANING</b></p> <p>The borough's cleaning schedule to be shared with Members</p>	R Hoof	