THE VALE OF GLAMORGAN COUNCIL

CABNET: 22ND FEBRUARY, 2024

REFERENCE FROM ENVIRONMENT AND REGENERATION SCRUTINY COMMITTEE: 16TH JANUARY, 2024

"701 PROJECT ZERO UPDATE REPORT (CX) -

The report and Appendix A detailed the wide range of activity being undertaken to ensure the Council continued to deliver against commitments in the Climate Change Challenge Plan and to take forward Project Zero. Progress from April to September 2023 included: ongoing work on new Active Travel routes and A rated Council housing; funding secured to retrofit some of our Community Centres with photovoltaics, LED lighting and other energy efficiency measures; a successful 2023 Vale Food Trail held in the summer; and funding secured for new posts.

RAG (red, amber, green) rating of progress during this period had been introduced at Appendix A detailing progress against the 80 underlying steps within the Climate Change Challenge Plan.

The report provided details of the Vale of Glamorgan Council's 2022-2023 carbon emissions.

The report provided Members with an update regarding the finances associated with Project Zero and the use of the Project Zero reserve, together with updates on the approach to programme management.

Councillor Hooper commented on the updates provided in the report and he stated that it would be better if the report contained progress in relation to tangible actions. In addition, Councillor Hooper outlined that the main barriers highlighted in the report were around a lack of resources or resources unavailable mainly due to budgetary constraints. Councillor Hooper stated that as Project Zero was a main priority it required more money to be allocated in order to achieve outcomes. Finally, Councillor Hooper stated that as a member of the Governance and Audit Committee, that Committee had discussed the possibility of classing Project Zero as having a catastrophic risk, but that was not reflected in the report to the Scrutiny Committee. In reply, Councillor Wilson (Cabinet Member) stated that Project Zero was a key element of the Council's Corporate Plan and although there were challenges it was recognised as a vital area. There was Welsh Government legislation being introduced which would assist Project Zero, for example by making producers responsible for the amount of packaging that they used and how that packaging was processed. It was also important for consumers to question how products were packaged and it was important for residents and Councillors to say that the packaging was unacceptable. The budget was extremely challenging, but there was a personal responsibility on everyone to recycle more and to be mindful of what items were placed in black bags. Further to the points raised by Councillor Hooper,

the Programme Manager for Project Zero stated that in terms of the balance of the tangible actions there was a variety of different types of activities outlined within Appendix A and some were tangible and focussed with more detail, while some other actions did not contain the same level of detail. That was the nature of Project Zero, but Councillor Hooper's comments would be taken on board for future reports.

In reply to a query from Councillor Champion regarding the three year funding allocated to the Restore the Thaw project and the use of biomass boilers, the Director of Place stated that the Restore the Thaw project had received match funding from Welsh Government via Natural Resources Wales, but the exact figure would have to be sent to Members via email. The £25k annual amount identified in the report would be used in conjunction with the main funding and the majority of that money would be used to deliver the project and the restoration of habitats which included the planting of trees. With regard to boilers, there were some issues with these being replaced by air source heat pumps or ground source pumps particularly when it came to larger buildings such as leisure centres. Usually, a combination of the two was required and sometimes as a stop gap solution had to be implemented.

Councillor Protheroe stated that there were lots of activities being undertaken to contribute to Project Zero and she asked if there was any way the Council could monitor the impact of all those actions together. In reply, the Programme Manager advised that there was more work to do around connecting all the actions and how each action contributed to the overall objectives of Project Zero. In terms of reducing carbon that was a big part of the objectives but there were other areas that the Council needed to work on. Therefore, the Council was looking to reduce energy use at its buildings and schools and the Council also had to consider ways to reduce waste and water use. How people travelled and commuted also had to change and the Council needed to have a close look at its Procurement Strategy which was where the majority of the carbon emissions came from. However, the Council could not just simply stop the purchasing services and goods, so the Council needed to have a measured approach and to consider all the barriers and challenges that were facing Project Zero. A large element of the barriers related to behavioural change, for example, how to convince people and Council staff to travel on means more friendly to the environment. The Programme Manager also referred to the Council's Carbon Management Plan which was another tool that could be used to track and monitor progress.

Councillor Perry then raised a series of points which could be summarised as follows:

- There needed to be better planning and communication between the Cardiff Capital Region and the Council.
- More consideration was required around community facilities particularly in the rural areas which would mean that those residents would not have to travel so far to reach amenities.
- The Council needed to give a higher priority to the need to reduce car ownership and more consideration was needed around Active Travel.
- In terms of new housing developments, better consideration on the types and locations of houses was required which needed to have more focus on Active Travel and ways to encourage people not to use cars.

- The Council needed to have better tangible actions.
- More shared facilities was needed and the Council needed to consider the use of car clubs as a way to reduce car ownership.
- The Council needed to go further with the reduction of household waste to ensure that nothing was sent to the incinerators.
- The Council required more urgency to ensure that the Vale of Glamorgan was more focused on sustainability.

In response to some of the points raised by Councillor Perry, the Director of Place stated that the majority of the issues raised would be relevant to the Council's Local Development Plan which was closely linked to Project Zero. In terms of private housing developments, the Council would ensure, to the best of its ability, that the environmental issues raised would be considered but the Council would have to take into account evidence provided which concluded that certain aspects could not be delivered. The Director highlighted the significant financial challenges that the Council was facing, but there was also challenges around attracting staff with the necessary expertise to deliver projects which had delayed progress in some areas. That meant that consultants would regularly be required, and their services were at a premium. Therefore, some of the risks and barriers associated with Project Zero including the legislative framework which could impact on the Council achieving its objectives, were outside the control of the Council directly.

Subsequently, it was

RECOMMENDED -

(1) T H A T the progress detailed in the report and Appendix A in relation to the challenges within the Climate Change Challenge Plan be noted.

(2) T H A T the Red, Amber and Green (RAG) rating of progress from April 2023 to September 2023 in Appendix A to the report be noted.

(3) T H A T the Council's 2022-2023 carbon emissions be noted.

(4) T H A T the funding available in reserves and the projects awarded funding to date be noted.

(5) T H A T the Committee refer the report and any comments to Cabinet to be considered alongside the comments of the Corporate Performance and Resources Scrutiny Committee which considered this report on 17th January, 2024. The comment of the Environment and Regeneration Scrutiny Committee being:

• That the Committee would welcome more information about how individual projects and activity make a tangible difference in terms of the targets that the Council was seeking to achieve.

(6) T H A T the Committee recommend to Cabinet that the report be distributed to all elected Members, members of the Public Services Board and all Town and Community Councils for their information.

Reasons for recommendations

(1-4) Having regard to the contents of the report and discussions at the meeting.

(5) To enable Cabinet to consider the comments of the Environment and Regeneration Scrutiny Committee as part of its consideration of progress in delivering the Climate Change Challenge Plan.

(6) To update all elected Members and other stakeholders on the arrangements in place to deliver Project Zero."

Attached as Appendix – Report to Environment and Regeneration Scrutiny Committee: 16th January, 2024



Meeting of:	Environment and Regeneration Scrutiny Committee
Date of Meeting:	Tuesday, 16 January 2024
Relevant Scrutiny Committee:	Environment and Regeneration
Report Title:	Project Zero Update Report
Purpose of Report:	To advise Members of progress across the Council in responding to the climate emergency and delivering our commitments as part of Project Zero.
Report Owner:	Rob Thomas, Chief Executive
Responsible Officer:	Tom Bowring, Director of Corporate Resources
Elected Member and Officer Consultation:	Due to the corporate nature of this report, no specific Ward Member consultation has been undertaken
Policy Framework:	This is a matter for decision by Cabinet

Executive Summary:

- This report and Appendix A detail the wide range of activity being undertaken to ensure the Council continues to deliver against commitments in the Climate Change Challenge Plan and to take forward Project Zero. Progress from April to September 2023 includes: ongoing work on new active travel routes and A rated council housing; funding secured to retrofit some of our Community Centres with photovoltaics, LED lighting and other energy efficiency measures; a successful 2023 Vale Food Trail held in the summer; and funding secured for new posts.
- RAG (red, amber, green) rating of progress during this period has been introduced at Appendix A detailing progress against the 80 underlying steps within the Climate Change Challenge Plan.
- This report provides details of the Vale of Glamorgan Council's 2022-2023 carbon emissions.
- The report provides Members with an update regarding the finances associated with Project Zero and the use of the Project Zero reserve.
- The report also updates on the approach to programme management.

Recommendations

- 1. That the Environment and Regeneration Scrutiny Committee (the Committee) note the progress detailed in this report and Appendix A in relation to the challenges within the Climate Change Challenge Plan.
- **2.** That the Committee note RAG rating of progress from April 2023 to September 2023 in Appendix A.
- **3.** That the Committee note the Council's 2022-2023 carbon emissions.
- **4.** That the Committee note the funding available in reserves and the projects awarded funding to date.
- That the Committee refer this report and any comments to Cabinet to be considered alongside the comments of the Corporate Performance and Resources Scrutiny Committee who considered this report on the 17th January 2024.
- 6. That the Committee recommend to Cabinet that this report is distributed to all elected Members, members of the Public Services Board and all Town and Community Councils for their information.

Reasons for Recommendations

- 1. To enable the Environment and Regeneration Scrutiny Committee to consider how Project Zero is being taken forward.
- To ensure that the Members are aware of the RAG rating of progress from April 2023 to September 2023 against the steps within the Climate Change Challenge Plan.
- 3. To ensure that the members are aware of the Council's 2022-2023 carbon emissions.
- 4. To ensure that Members are aware of the available funding and the projects awarded funding to date.
- 5. To enable Cabinet to consider the comments of the Environment and Regeneration Scrutiny Committee as part of its consideration of progress in delivering the Climate Change Challenge Plan.
- 6. To update all elected Members and other stakeholders on the arrangements in place to deliver Project Zero.

1. Background

1.1. At the Council meeting on the 29th July 2019 Council resolved (minute 209 refers):

(1)T H A T the Vale of Glamorgan Council join with Welsh Government and other Councils across the UK in declaring a global 'climate emergency' in response to the findings of the IPCC report.

(2) T H A T the Vale of Glamorgan Council reduce its own carbon emissions to net zero before the Welsh Government target of 2030 and support the implementation of the Welsh Government's new Low Carbon Delivery Plan, to help achieve the Welsh Government's ambition for the public sector in Wales to be carbon neutral.

(3) T H A T the Vale of Glamorgan Council make representations to the Welsh and UK Governments, as appropriate, to provide the necessary powers, resources and technical support to Local Authorities in Wales to help them successfully meet the 2030 target.

(4) T H A T the Vale of Glamorgan Council continue to work with partners across the region to develop and implement best practice methods that can deliver carbon reductions and help limit global warming.

(5) T H A T the Vale of Glamorgan Council work with local stakeholders including Councillors, residents, young people, businesses, and other relevant parties to develop a strategy in line with a target of net zero emissions by 2030 and explore ways to maximise local benefits of these actions in other sectors such as employment, health, agriculture, transport and the economy.

- 1.2. Project Zero is the Council's response to the climate emergency. At the Council meeting on the 26th of July 2021 the Council approved the Climate Change Challenge Plan (minute 296). The Plan details eighteen challenges and eighty underlying steps framed around the need to demonstrate strong leadership, fulfil our responsibility to current and future generations and to make a difference now.
- **1.3.** At the Council meeting in July 2021 a motion was also passed resolving to declare a Nature Emergency (Minute 289).
- 1.4. The Challenge Plan reflects commitments in the Council's Corporate Plan 2020-25 which sets out the Council's four Well-being Objectives and how they will be delivered. The Corporate Plan includes a commitment to work to reduce the organisation's carbon emissions to net zero by 2030 and to encourage others to follow the Council's lead as part of minimising the negative impact of our activities on the environment. The Corporate Plan is supported each year by an Annual Delivery Plan (ADP). The ADP for 2023-24 includes Project Zero as one of its three critical challenges, committing that we respond to the climate and nature emergencies and deliver the commitments in our Climate Change Challenge Plan.
- 1.5. The Challenge Plan sets out activities that will contribute not only to the Council's aim of being net zero by 2030 but the wider aim of being net zero across the Vale by 2050 in line with Welsh Government targets and ambitions for the public sector and for Wales.
- 1.6. In response to the July 2022 Corporate Performance and Resources Scrutiny Committee recommendations, a 'RAG' rating system (Red, Amber and Green) for progress has been introduced at Appendix A. The rating reflects the progress from April

2023 to September 2023 only, and the ratings may fluctuate over time to reflect new opportunities and barriers in future reporting periods.

2. Key Issues for Consideration

- **2.1** This report and Appendix A provides an overall update on the wide range of activity being undertaken as part of Project Zero.
- **2.2** The Corporate Performance and Resources Scrutiny Committee made a number of comments at the 20th June 2023 meeting and updates on these are outlined below:
 - The importance of analysing the figures surrounding the amount of recycled versus non recycled waste collected by the Vale of Glamorgan Council since the roll out of changes to recycling services in parts of the Vale.
 - Update: The Vale of Glamorgan Council are legally required to submit quarterly figures to Natural Resources Wales (NRW) on the waste material collected and its end destination. As the table below shows, there has been a positive shift down in residual wate tonnage, and since introducing the new recycling blueprint, 2022-23 figures show a large decrease in residual waste and an increase in green/food waste and co-mingles / source segregated recycling.

Year	Residual waste (tonnes)	Green / food waste	Other recycling
2012-13	27,733	12,583	12,144
2017-18	25,069	13,302	12,648
2022-23	19,963	15,302	14,216

- When collecting comingled recycling it would normally contain a contamination rate around 20%: by collecting source segregated recycling the contamination is below 1% which provides a much cleaner material that the Council can then receive an income for, keeping the material in the UK rather than paying to have the material processed and exported.
- The need to look at the potential carbon savings (if any) of Council staff working from their home location as part of agile and hybrid working versus commuting to and working at Vale of Glamorgan Council premises.
 - Update: As the carbon reporting did not capture emissions pre-covid, it is not possible to compare across years. Our 2022-23 carbon emissions included 3,000 Tons of CO2 for staff commute and 271 Tons of CO2 for homeworking, the latter figure has been estimated from the responses to the staff travel survey earlier this year.
- The importance of the prioritisation or reprioritisation of the Council's key challenges, targets and objectives in order to achieve net zero and to undertake a focused approach to help implement this.
 - Update: A Carbon Management Plan has been commissioned and is due for completion Q4 2023/24. This will set out priorities and

recommendations that will support the consideration of targets, policy refreshes and staff behaviour change.

- For the Council, in conjunction with Scrutiny, to look at how they can use social media, the new Project Zero online hub and other means of engagement in order to foster greater involvement and participation of residents of the Vale of Glamorgan with Project Zero.
 - Update: work on communications and engagement from April to September 2023 is in Appendix A, commitments 1 and 2.
- The importance of the Council working with local communities and groups, and Welsh Government, to help achieve net zero and having the mechanisms in place to ensure the ongoing accountability and responsibility of the Vale of Glamorgan Council for achieving this goal.
 - Update: The Vale of Glamorgan Council gathers carbon data from across the organisation annually and submits this to the Welsh Government (WG), ensuring visibility of and benchmarking of progress towards net zero. Other mechanisms in place to ensure engagement with WG priorities include membership of groups including the WLGA Climate Officers group.
 - As we move towards prioritising the county-wide net zero by 2050 goal, we anticipate increasing engagement with local communities and groups. A 50+ Forum climate event in July 2023 and a Youth Climate Conversation event in October 2023 helped us hear the climate concerns directly affecting both groups.
- The need to tie-in Project Zero with other areas of the Council's work, as recently seen with the new Procurement Strategy, and to ensure that social value, reusing, repurposing, recycling, remanufacturing is taken into account and to have the necessary governance in place to help drive these forward.
 - Update: work on procurement, social value and the circular economy is in Appendix A, commitment 13.
- **2.3** Some of the key progress from April to September 2023 in delivering the Climate Change Challenge Plan is detailed below and more information on each challenge, the steps within, and the RAG rating of progress during the period is provided in Appendix A together with information on future plans, risks and barriers.

Demonstrate strong leadership - Challenges 1-4

- In July we ran a climate workshop for the 50+ Forum, raising awareness of climate issues and hearing the concerns and ideas of older people.
- We showcased Oakfield primary school and a Pencoedtre volunteer group who planted their own 'tiny forest'. The <u>First Minister visited them</u> to announce that the tiny forest would now be counted as part of the national forest network.
- Our 2022/23 Carbon return has been calculated, submitted to Welsh Government, and presented to the Project Zero Board. Data to support the submission was collected from across the organisation. In 2022/23 our emissions were just over

69,000 Tonnes of CO2, a drop of around 25% compared to 2021/22. There is more information at Appendix A.

• The Public Services Board (PSB) new Well-being Plan 2023 - 2028, officially launched in June, includes tackling climate change as one of three priority workstreams. The commitments include delivery of the PSB Climate Emergency Charter.

Fulfil our responsibility to current and future generations - Challenges 5-12

- <u>Restore the Thaw Landscape Project</u> has begun, a three-year programme of work to make biodiversity improvements along the River Thaw, its tributaries, and surrounding landscapes. Alongside monies from the Vale of Glamorgan Council's Project Zero fund, the project received funding from the Waterloo Foundation and Nature Networks, a fund delivered by the National Lottery Heritage Fund on behalf of Welsh Government and in partnership with Natural Resources Wales
- A number of projects funded by Section 106 monies have been consulted on and progressed.
- A Vale of Glamorgan Replacement Local Development Plan 2021-2036 Issues, Vision and Objectives background paper was presented to Cabinet in April 2023. In November 2023 the Draft Preferred Strategy was presented to cabinet along with an amended delivery agreement. The Preferred Strategy will be consulted upon through December and until early February 2024.
- Local Area Energy Plan (LAEP) work is underway with consultants 'Arup' and Cardiff Capital Region colleagues. As well as a data collection exercise, 4 stakeholder workshops have taken place In the Vale of Glamorgan during this time period to help inform the plan, with a 5th planned. A draft plan is due to be delivered by February 2024, to be reviewed by The Council and Stakeholders up to the end of March 2024. Completion and publication of the plan is expected by May 2024.
- Consultants have been instructed to carry out feasibility work to inform planning policy on net zero buildings. This work is progressing positively, and the consultants have also recently presented to Council Officers on potential policy interventions and net zero buildings more broadly.
- The Council are in receipt of a completed Green Infrastructure Strategy from the appointed consultants, and they have also presented to Council Officers on its implementation. The Strategy now needs to be consulted on and adopted, and an action plan for its delivery needs to be produced.
- Construction of an active travel route through Eglwys Brewis started May '23 and construction of a route through Station Road, Rhoose, started in July 2023.
- A Food and Farming role funding was approved via Shared Prosperity Funding and Project Zero reserves. This role will focus on several specific challenges in the action plan and begin to look at the feasibility of an Agri Hub project.
- The 2023 Vale Food Trail was successfully held in the summer with over 14 business/ organisations and 500 people engaging in the range of activities on offer.
- We have appointed the 3 recycling officers and implemented a new system to monitor interactions with householders. The recycling officers are currently working

in areas known to have limited recycling participation to assist educating residents and increasing recycling rates.

- External consultants have been appointed to assist with delivery of a new Local Flood Risk Management Strategy (LFRMS).
- Solar photovoltaic feasibility site visits have been completed at six buildings (within schools and the Place Directorate). Additional funding has been secured to retrofit a group of Community Centres, which will include solar photovoltaics, LED lighting and other energy efficiency measures.

Make a difference now - Challenges 13-18

- Establishment of relationship with Ardal, the shared procurement service with Monmouthshire, Cardiff and Torfaen Councils. Ardal have started work on the contract register, the approach to reducing carbon in the supply chain, spend analysis, and on a tailored set of TOMs (Targets, Outputs, Measures).
- In relation to our A-rated new Council homes, the scheme at Hayeswood Road is progressing well with phased handovers likely from December 2023 through to March 2024. The scheme at St Cyres Road was completed and handed over in July. Phase 2 of the scheme at Clos Holm View started on site in June. The schemes at Colcot Clinic and Eagleswell Road are progressing well.
- Community links have been made with a local nature reserve, two community gardens and a local care home. These projects aim to improve these natural spaces for school pupils and the wider community, creating teaching spaces and areas to relax and reflect in nature.
- Project Zero funding awarded for a feasibility study for a renewable energy project on Council land.

2.4 Programme Management

- In response to recommendations, progress reporting at Appendix A now includes 'RAG' rating (Red, Amber, Green) against the 80 steps in the Climate Change Challenge Plan.
- The new process for considering Project Zero reserves has been implemented and the Project Zero Board met in August to consider applications. Reserves meetings will take place every quarter for applications of £5,000 and over, with applications of under £5,000 considered as they are submitted.

2.5 Carbon reporting

• Many of the actions that we undertake under Project Zero will indirectly affect our carbon emissions, for example our communications around Project Zero, and our work with the <u>Cardiff Capital Region</u> does not have an easy or directly measurable carbon footprint. Nevertheless, our annual carbon footprint is a crucial benchmark as we aim for net zero by 2030. This section provides more detail on the background to carbon reporting, and our progress.

- In 2017, the Welsh Government set the ambition of achieving a carbon neutral public sector by 2030, followed by guidance in the <u>Welsh Public Sector Net Zero</u> <u>Carbon Reporting Approach</u>;. The approach focuses on three key Greenhouse gases (GHG) emissions which contribute the greatest to climate change: Carbon Dioxide (CO2), Methane (CH4) and Nitrous Oxide (N20). To aid simplicity, calculations data for all emissions are translated into a single comparable unit, carbon dioxide equivalent (CO2e). To further aid understanding in the make-up of organisational carbon emissions, three 'Scopes' are used for GHG accounting. Scope 1 emissions include direct emissions such as fuel combustion and fleet emissions, Scope 2 emissions include in-direct emissions such as electricity purchased from the grid, and Scope 3 emissions include in-direct emissions such as those attributed to procured goods and services.
- The first year of public sector Net Zero Carbon reporting was 2019-20, and each subsequent year the Welsh Government issues a reporting template and methodology that is further refined, with 2022-23 guidance <u>here.</u> In 2022-23, the datasets reported included: buildings, fleet and other assets (e.g. streetlights); business travel, staff commuting and homeworking; waste (organisational and municipal); land use; supply chain; and renewables.
- The total carbon emissions for the Vale of Glamorgan Council in 2022-23 were 69,285,128 kgCO2e. Of this, 88% of the organisation's emissions were calculated as Scope 3, 8% as Scope 1 and 4% as Scope 2. Reporting for 2022 – 23 has seen a 25% drop in emissions from 2021-22, although elements of the methodology has changed (e.g. changes in emission factors and changes to the breakdown of supply chain / procurement reporting). We have increasing confidence in the data that we are collecting, and work will be ongoing in 2023/24 to tighten data collection. More information on the Council's carbon emissions is available at the <u>Vale of Glamorgan</u> <u>Council Carbon Data Dashboard</u> which highlights some of the key data reported to Welsh Government.

2.5 Resources

• The Council's financial reserves available to support the delivery of the Project Zero Programme have been consolidated and are set out in the table below. In addition, there are grants, funds and other budgets from within directorates that are used to undertake work that supports our goal to become net zero by 2030.

Reserve Name	Balance 01/04/2023	Capital Commitment 23/24	Revenue Commitment/ Transfer 23/24	Projected Balance 31/03/2024
	£'000s	£'000s	£'000s	£'000s
Project Zero	1,423	(49)	(93)	1,281
Ash Die Back	335	(30)	(240)	65
Energy Management Fund (Salix Funding)	159	(187)	(105)	77
Energy Pressures (includes budget for	3,885	(150)	(2,400)	1,335

decarbonisation schemes)				
Social Services	408	(40)	(95)	273
Vehicles and Licences				
reserve (includes				
budget for electric				
bike scheme)				
Total	6,210	(456)	(2,723)	3,031

- In the context of the current budget challenges and inflationary pressures all
 reserves have been reviewed as part of developing the Council's budget for
 2023/24 and will require further review as part of the preparation for the
 2024/25 revenue budget. Given the strategic importance of Project Zero it was
 considered appropriate to establish reserves to support the delivery of the
 programme.
- The use of the Project Zero reserve will also reflect the commitments in the Annual Delivery Plan.
- As agreed by the Project Zero Board, the process for use of Project Zero reserves was implemented in this reporting period. The Board meets quarterly to review applications and discuss bids from £5,000 upwards, and applications of up to £4,999 are considered jointly by the Director of Corporate Resources and the relevant Senior Reporting Officer. Applications awarded in the period are below.

Project	£ TOTAL	23/24	24/25	25/26	26/27	Other funding applicable
•	Amount	£	£	£	£	
Balance brought	1,1422,590					
forward						
Restore the Thaw	75,000	25,000	25,000	25,000		
Corporate water meters installation	11,000	11,000				
Pendoylan Primary biomass boiler	8,802	8,802				
Energy Sparks schools programme	10,005	4,230	5,775			
Buildings decarbonisation feasibility study	30,000	30,000				
Energy / agriculture Hub feasibility study	40,000	40,000				
Sustainable food and farming project post	99,555			66,370	33,185	To supplement SPF grant by extending the post from 2025 – 2027 (18 months).
Business Decarbonisation and Local Area Energy Plan post	98,555			65,370	33,185	To supplement CCR & SPF grants by extending the post from 2025 – 2027 (18 months).
Cycle friendly employer accreditation	2,892	2,892				
School vegetable growing	1,064	1,064				
Cardiff Airport Charging feasibility study	4,550	4,550				

Project Zero Reserves Commitment at end September 2023

Youth Climate	825	825				
Conversation event						
UKGBC corporate	1,300	300	500	500		
membership						
TOTAL Committed	383,548	(128,663)	(31,275)	(157,240)	(66,370)	
TOTAL Remaining	1,039,042					

- Welsh Government announced in January 2022 that all new school projects within the Sustainable Communities for Learning Programme were required to meet net zero carbon (in operation) from January 2022 onwards, and they committed to fund 100% of all net zero carbon costs on projects within Band B of the programme. The Council has created a net zero carbon in operation school building model and South Point Primary School was the first project in the Authority and in Wales to achieve net zero carbon in operation. The model has been implemented on all new schemes.
- There is an additional cost associated with the delivery of net-zero carbon schools. The uplift in costs range between £500,000 to £1,000,000 for new primary schools depending on the scale of the development. Although these costs are currently 100% funded by Welsh Government, no further commitment has been announced to cover these costs outside of Band B of the Sustainable Communities for Learning Programme. Costs will be kept under review to ensure market changes are monitored and factored in for potential projects that will likely come forward outside of Band B, in case the Welsh Government commitment is not extended.
- During 2023/24, several schemes have or are being delivered to contribute towards the Council's decarbonisation aims using a variety of funding sources outside of Project Zero Reserve including:
 - PV panels installed at Cowbridge Leisure Centre and the Belle-Vue Pavilion.
 - School Decarbonisation LED scheme provided lighting in Peterston Super Ely CIW and Rhws Primary schools.
 - Improvements and enhancements to several active travel routes with a new bike hire scheme at Llantwit Major funded through the UK Government Shared Prosperity Fund.
 - Electric Bike scheme for social workers, as funded from the Electric Vehicle and Licences Reserve.
 - Several electric charging points installed in the Civic and Alps Offices staff car park funded through grants.
 - New, more efficient boiler at Cowbridge and Llantwit Major Leisure Centre.
 - Llantwit Major Leisure Centre Air Handling Pump Renewal (90% grant funded)
- For 2023-24, a variety of energy reduction measures and renewable energy installations have been identified across several assets within the Council's

portfolio. A delivery programme across the Council which complements the Welsh Government Zero Carbon by 2030 target and the council's own Climate Emergency Declaration is being prepared which will lever in as much funding as possible from various external sources including Salix funding. £650K has been included in the 2023/24 Capital Programme, £500K from reserves and £150K from the Salix Recyclable funding. Schemes totalling the value of £274K have been identified including:

- o Penarth Learning Community 3G Pitch LED lighting
- Dinas Powys Junior LED lighting
- o Community Enterprise Centre, Holmview LED lighting
- Alps Garages LED lighting
- Pen y Garth Primary LED lighting
- o Cogan Primary PV panels
- Llangan Primary PV panels
- Ty Dewi Sant Residential Home PV panels
- An unallocated figure of £367k remains within the budget for the decarbonisation scheme on the 2023/24 Capital Programme and discussions are ongoing to allocate the remaining budget across schemes that have been identified during the Capital bid process.
- The Council has continued to improve the energy efficiency of its existing housing stock to meet the requirements of Welsh Government legislation in relation to decarbonisation and the Welsh Housing Quality Standard (WHQS). Welsh Government recently launched the revised WHQS 2023, with it contributing towards governmental climate change goals expressed through the Net Zero Wales plan published in 2021 (and updated in 2022). The council will now be working towards the following decarbonisation targets set out in the revised standard i.e. Carrying out a whole stock assessment and producing Target Energy Pathways for our homes to reach SAP 92 -EPC A by 31 March 2027, in the interim, we are working towards all our homes meeting a minimum of SAP 75 EPC C by 31 March 2030. This investment is further outlines in the Housing Business Plan that was reported to Cabinet on the 11th January 2024.
- The UK Government Shared Prosperity Fund has specific allocations to address decarbonisation schemes in the local community and the programme will develop schemes to deliver against this commitment over the three-year period of the funding envelope. Funding has already been identified for several schemes within Active Travel and other areas and schemes will be added to the programme in the coming months.

- 3. How do proposals evidence the Five Ways of Working and contribute to our Well-being Objectives?
- **3.1** The Well-being of Future Generations (Wales) Act 2015 is about sustainable development. The Act sets out a 'sustainable development principle' which specifies that the public bodies listed in the Act must act in a manner which seeks to ensure the needs of the present are met without compromising the ability of future generations to meet their own needs. In meeting their sustainability duty, each body must set objectives that highlight the work the body will undertake to contribute to meeting the seven Well-being Goals for Wales.
- **3.2** The activities set out in this report will contribute to the national well-being goals and help ensure we have a resilient Wales. The five ways of working are embedded throughout Project Zero as we work <u>collaboratively</u> through the PSB and with other partners. It is recognised that this is a <u>long-term</u> programme of work, but that action needs to be taken now and that <u>prevention</u> will be a critical element to this work. <u>Involvement</u> of the community in order for them to shape our activities and to understand the need for change is fundamental to us making a difference through our activities and we are <u>integrating</u> work on this agenda across the Council ensuring this is seen as the responsibility of all Directorates and staff.

4. Climate Change and Nature Implications

4.1 Project Zero is the Council's response to the climate emergency and brings together work from across the Council in a co-ordinated response to the climate emergency. Commitments in the Climate Change Challenge Plan are designed to enable the Council to meet its ambition to be net zero by 2030 and include actions that will change how we work, enable others to make changes and raise awareness about the need for urgent action. This report includes details of work including ongoing work on new active travel routes and A rated council housing, funding secured to retrofit a group of Community Centres with photovoltaics, LED lighting and other energy efficiency measures, a successful 2023 Vale Food Trail held in the summer, and funding secured for new posts.

5. Resources and Legal Considerations

Financial

5.1 The Council has established a series of reserves to support the delivery of Project Zero as set out in the body of this report.

Employment

5.2 There are no specific employment implications arising as a direct result of this report.

Legal (Including Equalities)

- **5.3** There are no direct legal implications arising from the activities detailed within this report, but activities undertaken in response to the climate change emergency will be consistent with duties under the Environment Act and the Well-being of Future Generations Act.
- **5.4** The feedback gathered during the consultation on the draft plan has informed Project Zero and equality impact assessments will be undertaken for different activities within Project Zero as necessary. These assessments will reflect the consultation findings and other relevant engagement and data.

6. Background Papers

Council Notice of Motion 29 July 2019 - Minute 209

https://www.valeofglamorgan.gov.uk/Documents/ Committee%20Reports/Council/2019/1 9-07-29/Minutes.pdf

Cabinet Report 23 March 2020 Minute C280 - Responding to the Climate Emergency <u>https://www.valeofglamorgan.gov.uk/Documents/ Committee%20Reports/Cabinet/2020/2</u> 0-03-23/Minutes.pdf

Vale of Glamorgan Council Corporate Plan April 2020

https://www.valeofglamorgan.gov.uk/en/our council/achieving our vision/Corporate-Plan.aspx

Vale of Glamorgan Council Coronavirus Recovery Strategy Cabinet 21st September 2020

https://www.valeofglamorgan.gov.uk/Documents/ Committee%20Reports/Cabinet/2020/2 0-09-21/Coronavirus-Recovery-Strategy.pdf

Cabinet Report 2nd November 2020 Minute C357 - Developing a Climate Change Action Plan

https://www.valeofglamorgan.gov.uk/Documents/ Committee%20Reports/Cabinet/2020/2 0-11-02/Minutes.pdf

Cabinet Report 25 January 2021 Minute C451 – Vale Public Services Board Climate Emergency Charter

https://www.valeofglamorgan.gov.uk/Documents/ Committee%20Reports/Cabinet/2021/2 1-01-25/Minutes.pdf

Cabinet Report 22 March 2021 Minute C526 – Project Zero - Draft Climate Change Challenge Plan

https://www.valeofglamorgan.gov.uk/Documents/ Committee%20Reports/Cabinet/2021/2 1-03-22/Minutes-of-21-03-22.pdf

Council Minutes 26th July 2021 (289 and 296) - Notice of Motion – Declaration of Nature Emergency and Project Zero – Draft Climate Change Challenge Plan

https://www.valeofglamorgan.gov.uk/Documents/ Committee%20Reports/Council/2021/2 1-07-26/Minutes.pdf Cabinet Report 25th October 2021 Minute – Project Zero – Delivering the Climate Change Challenge Plan

https://www.valeofglamorgan.gov.uk/Documents/ Committee%20Reports/Cabinet/2021/2 1-10-25/Project-Zero-Climate-Change-Challenge-Plan.pdf

Cabinet Report 28th February 2022 Minute – Project Zero – Update, Resources, Evidence and Reporting

https://www.valeofglamorgan.gov.uk/Documents/ Committee%20Reports/Cabinet/2022/2 2-02-28/Minutes.pdf

Corporate Performance and Resources Scrutiny Committee Report 13th July 2022 Minute - Project Zero Update Report

Minutes (valeofglamorgan.gov.uk)

Cabinet Report (Reference from Corporate Performance and Resources Scrutiny 18th January) Minute - 2nd February 2023 Project Zero Update report

Minutes (valeofglamorgan.gov.uk)

Corporate Performance and Resources Scrutiny Committee Report 21st June 2023 Minute - Project Zero Update Report: Project Zero Update Report (valeofglamorgan.gov.uk)

Appendix A. Project Zero - Climate Change Challenge Plan progress. April 2023 to September 2023

Climate Change Challenge Plan overview

7 Wellbeing goals Prosperous, Resilient, Healthier, More ea communities, Culture and language, Glob		Climate Change Challenge Plan 2021-2030	Lo	5 x Ways of working ng term, Integration, Involvement, Collabor Prevention 4 x VoGC values Ambitious, Open, Together, Proud	ation,
1. Demonstrate strong leadership		2. Fulfil our responsibilities to current and future generations		3. Make a difference now	
1.Engage with the community and listen to their priorities for tackling climate change and protecting our natural resources, supporting		5. Protect and enhance green and blue space , biodiversity and, ecosystem resilience and improve understanding of the importance of our natural environment.	Marcus Goldsworthy	13.Revise our Contract Management and Procurement policies and practices to ensure they support our ambition to reduce waste and carbon emissions3	Matt Bowm
them to make a difference and to shape our collective ambitions. 2.Raise awareness and understanding by	Tom Bowring	6.Ensure our planning policies and regeneration activities support work to adapt to and mitigate the effects of climate change and reduce negative impact on the environment. 7.Achieve a modal shift away from cars to more sustainable	Marcus Goldsworthy	14. Invest in our existing housing stock to make it more energy efficient and deliver near zero carbon, or at a minimum A rated	Matt Down
promoting consistent and clear messages to our staff, our communities and partners about the difference we can make and are making by		forms of transport with an increase in walking, cycling and the	Emma Reed	new Council homes. 15.Build new zero carbon schools and	Mike Ingrar
changing our behaviour and transforming our services. 3. Develop our evidence base and insight to	Tom Bowring	Economic Growth Strategy that supports local business and meets the challenge of climate change and our ambition for a	Marcus Goldsworthy	improve our existing school buildings to ensure they are energy efficient and create learning environments fit for the future.	Trevor Bake
understand more fully the potential impact and 'costs' of activities	Tom Bowring	9.Support and advocate for more sustainable local food systems leading to fewer food miles, less waste and greater awareness	Goldsworthy	16. Manage and use our land, buildings and other assets to support work to tackle climate change, rationalising what we need	
4.Embrace our role as community leaders to work with and influence and enable others to bring about the changes necessary to tackle		about the impact of our food choices on the environment. 10. Reduce waste and put in place the necessary facilities, services and awareness raising for a more circular economy with a strong	Tom Bowring	climate change, rationalising what we need and improving sustainability and energy efficiency.	Lorna Cross
climate change.	Rob Thomas	emphasis on reuse, repair and recycling. 11.Work with partners to reduce the risk of flooding, manage	Emma Reed	17.Reduce the number of car journeys staff make and increase the number of electric/low carbon vehicles across the	
		our coastline and encourage everyone to take a more responsible approach to water use. 12.Reduce the amount of energy we all use and lead by example sourcing our energy from clean and renewable sources and	Emma Reed	Council's fleet of vehicles. 18. Invest in technology to support homeworking and online services reducing	Emma Reec
Pr ject		working across all sectors to bring new technology, innovation and investment to the Vale	Lorna Cross	the need for travel and office space.	Tom Bowri

We will demonstrate strong leadership as we meet the challenge to effectively engage with the community and our partners about how we can work together. We will raise awareness about the issues and the work we are undertaking and develop a better understanding about where we can have the biggest impact and how we can influence others to work with us and be part of an ambitious programme of change

Challenge 1. Engage with the community and listen to their priorities for tackling climate change and protecting our natural resources, supporting them to make a difference and to shape our collective ambitions. SRO: TOM BOWRING

Step	Q 1 & 2 Progress	Q 1 & 2	Q 1 & 2	Q 3 & 4 Planned actions
	April '23 - September '23	Risks & barriers	RAG rating	October '23 - March '24
PZC1.1. Build momentum around the Climate Change Community Conversation as an ambitious campaign for change.	 In July we ran a climate workshop for the 50+ Forum, raising awareness of climate issues and hearing the concerns and ideas of older people. We codesigned a Youth Climate Conversation event with the Vale Youth Forum, focusing on transport and waste, themes chosen by the young people. The event will be in October, and invitees include delegates from all secondary schools, PSB youth groups, council teams, the Welsh Government, Transport for Wales, WRAP Cymru and a representative from the 50+ Forum. 	None	On track	We will run the Youth Climate Conversation in October 2023, and report on the findings and recommendations of young people. We will then work with the Youth Council on how to take those ideas forward, drawing on the expertise of the Council and other organisations. We will hold a staff 'Christmas Swap' event and climate conversations during Wales Climate Week. The swap will enable staff to bring and take items from home that can be regifted, lowering the environmental impact and cost of Christmas.

PZC1.2.	In May we presented on Project Zero during Learning at Work	Champions	Slower	Continue to scope opportunities for a
Involve Stakeholder	week, gathering interest in a green champions group.	groups have	than	green champions group, linked to the
groups and develop a		variable levels	expected	launch of the Project Zero Learning and
green ambassadors group to shape our	We planned a PSB workshop to explore how organisations will deliver the Vale Well-being plan, including encouraging behaviour	of success.	progress	Development Plan.
plans and encourage	change within their organisations across the Vale. The workshop	Variable		Run a Youth Climate Conversation event
behaviour change.	was delayed to the next period due to attendee availability.	engagement from PSB		and develop a follow up 'next steps' plan.
		colleagues due		Undertake stakeholder mapping of
		to capacity.		community groups in the climate and
		. ,		environmental arena across the Vale.
PZC1.3.	Our Corporate Volunteering Policy has been launched and is in	Digital access	On track	Quarterly corporate volunteering events to
Promote volunteering	line with corporate priorities: we have provided links to	can be a barrier		take place, one on a Project Zero theme.
opportunities and	opportunities for volunteering in environmental projects.	to people		
community projects.		accessing Value		Organisational Development (OD) to
	A number of projects with volunteers are supported by the	in the Vale		explore opportunities for building a
	Council's s Community Investment team, working with local	opportunities.		calendar of events and links, to include
	stakeholders and partners to ensure long term sustainability.	The team work		environmental opportunities including
	Projects include the development and enhancement of green	1 on 1 to		Restore the Thaw project work.
	space at Runcorn Park, Grange Gardens community garden,	overcome this		
	Crawshay Court Sheltered Scheme Garden, and Penarth food pod	and link with		Value in the Vale awaiting the outcome of
	and community garden.	Digital		funding decisions before confirming
		Communities		actions.
	Value in the Vale continues to lead work with volunteers,	Wales to		
	connecting individuals to organisations and projects including	support.		
	Restore the Thaw, Volunteer Beach Clean, Friends of Fonmon			
	Woods and Benthyg Cymru. <u>Blogs and case studies are here</u> .			
	See PZC5.RTT for volunteer updates on Restore the Thaw			
	Landscape Project.			

Step	Q 1 & 2 Progress April '23 - September '23	Q 1 & 2 Risks & barriers	Q 1 & 2 RAG rating	Q 3 & 4 Planned actions October '23 - March '24
PZC2.1. Develop a co- ordinated programme of internal and external communications.	We continue to see good engagement with our awareness campaigns linked to Project Zero. Those with Vale-specific examples or case studies perform better than general assets from national campaigns. Monthly meetings take place to review the success of our campaigns and plan what's to come. New <u>grassland management webpages</u> have been added to the website.	None	On track	Continue to update and promote the <u>Project Zero Hub</u> to encourage engagement with content. Support Wales Climate Week in December.
PZC2.2. Report on the progress being made and the impact of the changes we make.	 Progress from Project Zero has been reported extensively in the Chief Executive's weekly email, including details of the projects receiving funding. New Project Zero Teams channels have been added giving staff from across the Council easier access to information, progress updates, and shared resources. The Council's 22/23 Carbon emissions data has been reported to the Project Zero Board. 	None	On track	Continue to share progress through the Chief Executive's weekly email, intranet and Project Zero Teams channel. Present the 22/23 Carbon data to senior teams across directorates. Gather updates on projects funded by Project Zero reserves. Review proposals in forthcoming Carbon Management Plan.
PZC2.3. Showcase community projects across the Vale.	Over the summer we showcased Oakfield primary school and a Pencoedtre volunteer group who planted and grew their own tiny forest. The First Minister visited them to announce that the tiny forest would now be counted as part of the national forest network.	The comms team aren't always made aware of community projects to highlight.	Slower than expected progress	Develop a list of projects in this space & ensure that we are following them on social media.

PZC2.4.	The <u>Council Housing and Energy webpages</u> have been updated to	None	On track	Review and update the Project Zero Hub
Signpost people to	include information on home energy efficiency, schemes such as			webpages.
information and	ECO4 Flex, and signposts to other supporting organisations.			
services within their				Review Project Zero through the cost of
community.				living lens, making more of any linkages
				and information available that supports
				cost of living and the green agenda.

Step	Q 1 & 2 Progress April '23 - September '23	Q 1 & 2 Risks and barriers	Q 1 & 2 RAG rating	Q 3 & 4 Planned actions October '23 - March '24
PZC3.1	WLGA Climate Leadership seminars on Communities at Risk, and	None	On track	A PSB workshop is planned for November
Bring in external	Regeneration took place. These share research and best practice			to explore what is working well, future
expertise and	from other Welsh Local Authorities and wider. The seminars were			plans and opportunities against the new
research best	advertised widely with officers and members joining.			Well-being plan.
practice in other				
organisations inc.	Ongoing membership of a number of speciality-specific groups			The new consultant-led Carbon
with PSB partners to understand our	and membership bodies raises awareness of research and best practice.			Management Plan will be completed.
impact.				A Buildings decarbonisation feasibility
				study and energy / agriculture Hub
				feasibility study will be delivered, as
				funded through Project Zero reserves.
PZC3.2	The Project Zero learning plan was agreed by the Project Zero	Loss of technical	Slower than	Launch initial Project Zero learning
Provide training for	Board however implementation was delayed due to staffing	expertise and	expected	offering for all staff.
staff and Members.	issues.	recruitment gap.	progress	
				Build a Project Zero Learning Cafe mailing
	A Project Zero event was delivered to staff at the Learning at	Essential course		list to target those with interest in the

	Work week in May. An Organisational Development and Learning channel has been added to the Project Zero Teams group, and learning opportunities are shared regularly.	catalogue switch took longer to negotiate – now no additional cost for 2023/24. Delay in accessing content from another Council to re-purpose for		subject and present learning opportunities to a warm audience more likely to engage. Funding for Climate Leadership training for SLT and Heads of Service will be explored through Project Zero Reserves. If approved, training will be delivered in this period.
PZC3.3 Calculate and understand the Council's carbon footprint and publish other key data detailing our performance and progress.	A consultant has been developing a Carbon Management Plan. This will draw on our carbon footprint data and current working practices and will provide a roadmap to reduce emissions. Our 2022/23 Carbon return has been calculated, submitted to Welsh Government, and presented to the Project Zero Board. Data to support the submission was collected from across the organisation. see 13.1 re procurement	our needs. A small number of gaps in data, e.g. a lack of schools waste data.	On track	We will be presenting the 22/23 Carbon data to directorates and suggesting ways to make improvements. See 13.1 re work on the impact of procurement.
PZC3.4 Set meaningful targets towards reducing our negative impact on the environment.	No planned action in this period	Awaiting the development of the Carbon Management Plan to take this step forward.	No planned action in this period	Utilise the new Carbon Management plan to draft and consider appropriate targets.

Challenge 4. Embrace our role as community leaders to work with and **influence and enable** others to bring about the changes necessary to tackle climate change. SRO: ROB THOMAS

Step	Q 1 & 2 Progress April '23 - September '23	Q 1 & 2 Risks and barriers	Q 1 & 2 RAG rating	Q 3 & 4 Planned actions October '23 - March '24
PZC4.1 Work with Welsh Government and influence policy change and legislation.	 Members and senior officers meet regularly with WG to discuss relevant issues. These are raised at Project Zero Board meetings. We feed back to the WG through the CLAW Energy and Decarb group and the PSB Asset Management and Climate Emergency group - often flagging lack of funding opportunities to decarbonise. Planning Officers Society Wales (POSW) and WLGA continue to raise issues such as a measurement of embedded carbon in policy decisions, policies around zero carbon building, and decarbonisation of the economy. 	Current funding position with regards to Local Government.	On track	Continue conversations with WG via WLGA, POSW and the PSB. Share feedback from the Youth Climate Conversation and wider Climate Conversations with WG.
PZC4.2 Work within the Cardiff Capital Region to bring about change across the region.	We continued to work with the Cardiff Capital Region (CCR) to install public EV charging points across the Vale. Work is underway to formalise lines of communication between LAs and Corporate Join Committee (CJC) in relation to regional working. CCR sites and premises fund continues to be promoted as an option to support development on stalled projects.	Current state of economy means some businesses due to access CCR sites and premises fund have pulled out due to rising costs and uncertainty. Lack of funding will present a barrier going forward.	On track	EV charging points to be installed. Work will continue with CCR to support sustainable development where possible. Work with WLGA and neighbouring authorities to set up blueprints for lines of communication with the CJC.

PZC4.3 Work with PSB partners to deliver the commitments in the PSB Climate Emergency Charter.	The new Public Services Board (PSB) Well-being Plan 2023 - 2028 was published in July and includes tackling climate change as one of three priority workstreams with a number of commitments including delivery of the charter. These will be explored further at a workshop in November including a review of the Climate Emergency Charter to update and incorporate a stronger reference to nature, environmental impact assessments and behaviour change.	Capacity across partners.	Slower than expected progress	Following the November workshop, work will commence to review the <u>Climate</u> <u>Emergency Charter</u> and to take forward the priority areas identified to deliver commitments in the <u>Well-being Plan</u> .
PZC4.4 Work with business and industry, Town and Community Councils, Community groups and the Third Sector to make a difference locally.	A successful bid was made to Project Zero Reserves for a post to lead on business decarbonisation and the Local Area Energy Plan. Project Zero funds support the match funding of Shared Prosperity Fund (SPF) and CCR funds and the post also includes work with the third and community sector. The energy team have been engaging with community associations regarding advice and support to assist in the reduction of carbon in their assets (community buildings). Work is progressing to shortlist pilot buildings for the WG ACPW3 funded project.	None.	On track	The business decarbonisation post will be advertised. Continue with engagement with community groups re decarbonisation. There will be an item on Climate Change at the Voluntary Sector Joint Liaison Committee. A future PSB Town and Community Council exchange meeting will be held.

Area 2: Fulfil our responsibility to current and future generations. Challenge 5-12.

In meeting these challenges, we will encourage behaviour change and adapt the necessary infrastructure to meet the current and future challenges of climate change. The focus for this section is on transport, food, nature, energy, waste, water use and flooding. In meeting the challenges, we will support a green economy and the importance of balancing economic growth with the need to minimise negative impact on the environment and our natural resources. We will take forward work to improve the green infrastructure in the Vale and to promote sustainable food systems.

Challenge 5. Protect and enhance **green and blue space**, biodiversity and, ecosystem resilience and improve understanding of the importance of our natural environment. SRO: MARCUS GOLDSWORTHY

Step	Q 1 & 2 Progress	Q1&2	Q1&2	Q 3 & 4 Planned actions
	April '23 - September '23	Risks and barriers	RAG rating	October '23 - March '24
PZC5.1 Develop and implement a Green Infrastructure Plan including a survey of all trees in the Vale and an assessment of the current infrastructure.	The Green Infrastructure Plan tender document was internally consulted on and posted on Sell2Wales. After a competitive tender process, CBA Studios were instructed to complete the work. Throughout key Council stakeholders were updated.	None.	On track	Work with instructed consultants to complete the Green Infrastructure Plan. Seek political endorsement for the plan and consult on it publicly. Formally adopt the Plan.
PZC5.2 Implement the biodiversity forward plan and raise awareness about the importance of nature and wildlife.	Reviewed other Council's Biodiversity Forward Plans (BFPs) and set out a framework for the revised BFP. The decision was made to wait to incorporate as much of the Vale Nature Recovery Action Plan and The Green Infrastructure Action Plan as well as the Tree Strategy. This has meant a delay. In addition, the projects below are progressing well:	Delay due to pressure of other work and timing.	Slower than expected progress NB. Other projects	Agree targets for next three years with key players. Produce initial draft BFP for comment. Revise and amend. Final version of BFP.
	Vale Local Nature Partnership (VLNP) Development of the Nature Recovery Action Plan (NRAP), led by VLNP is progressing to the final stages, and two rounds of the <u>Biodiversity Grant Scheme</u> have been	Delay in VLNP funding allocation from WG meant that the project	are on track	Vale Local Nature Partnership planned actions: VLNP Support Officer to start in Q3

completed. Meetings held at Llantonian Hall and	started in July	Vale Nature Recovery Action Plan to be
Cadoxton Ponds with over 60 attendees. Recruitment	2023.	discussed with the PSB in November.
complete for VLNP Support Officer.		
Welsh Government approved allocation and project plans		
for 2023-2025 Local Places for Nature Funding. Cut and		
collect machine purchased for Parks and Open Spaces		
Team to help deliver the creating space for nature		
scheme across grasslands in the Vale. Contractor		
appointed to create 6 biodiversity management plans for		
Parks and Open Spaces (St Cyres, St Josephs, The Kymin,		
White Farm and Dobbins Road) and for Cosmeston		
Country Park. Vale Verges Group Meetings have taken		
place to plan autumn works programme for pilot verges.		
Restore the Thaw Landscape Project		Restore the Thaw planned actions
Two new project officers appointed. Site visits to 14		
landowners to identify opportunities for biodiversity		Apply for planning applications for 2
improvements through practical land management		wildlife ponds and plant 1,000 new trees
activities, including tree planting.		 both as standards and hedgerows.
Early discussions with South-East Wales Rivers Trust,		Undertake 3 further training events for
Natural Resources Wales and VoGC Public Rights of Way		local community on otters, invertebrates,
Team exploring and prioritising physical infrastructure		and reptiles. Carry out 4 practical
and path access improvements.		conservation sessions with local
		communities.
88 volunteers engaged in 11 practical volunteering days		
including footpath maintenance, orchard restoration,		Continue to promote the project through
litter picks and tree seed harvesting. 418 community		range of avenues, including walks, talks,
members engaged through community events (Vale		social media.
Agricultural Show, a Family Day, St Athan Summer Fete),		
public meetings, Project Training (Water vole training,		
Smart Rivers training) and Citizen science activities.		

Early engagement with schools suggest many pupils will		
engage with project-related education programmes such		
as autumn focussed 'Going nuts for Trees' tree seed		
harvesting and planting project.		
Project promotion through a dedicated Restore the Thaw		
website, blog, social media and information boards, and		
Newsletter/ Newyddlen.		
Great Glamorgan Way		
Three successful volunteer days run to educate and work	Pond clearance at	Great Glamorgan Way planned actions
on the removal of Himalayan Balsam, an invasive non-	Hensol risked	Winter clearance schedule, improving
native species.	running into	access to Public Rights of Way, and using
	ground-nesting	brash generated to create habitat for
All bird boxes erected have been inspected: findings	bird season and	local wildlife.
show over 90% success rate with fully fledged nests, as	as such, works	
reported to the British Trust for Ornithology. Four solitary	were reduced to	Continue with stakeholder engagement
bee posts and educational panels installed at three	less-sensitive	and host various presentations with
primary schools and on Penllyn Estate outside Forage.	areas.	countryside access groups.
Seven bat boxes installed in woodlands around central		
Vale. Landowners educated on the importance of bat	Funding via	Working on clearance on the SSSI on Old
conservation and the sensitivities surrounding their	ENRaW finished	Castle Down by clearing scrub/gorse to
welfare. Frog and Toad shelters have been put in schools	in May and the	allow for spring wildflowers to bloom
in Llangan and Peterston where they already have ponds.	project eventually	which in turn will aid in the survival of the
	continued under	High Brown Fritillary, one of Britain's
A large pond in Hensol Forest was cleared in	UKSPF despite	most endangered species of butterfly.
collaboration with NRW. A contractor was appointed	initial delays in	Old Castle Down is Wales' only known
with funds from the project to fell and remove dead-	confirmation.	location for the High Brown Fritillary.
hanging trees from around the pond to allow for more		
light and therefore, more life. This will be monitored		Planning volunteering days to tackle
through the seasons of 2024.		invasive non-native species in Q1 of 2024.
-		Clear/clean all of our monitored bird
		boxes ready to be used next season.
		· / · · · · · · · · · · · · · · · · · ·

PZC5.3 Replace lost trees and promote tree planting across the Vale including working with owners of large areas of land.	Draft tree strategy presented to SLT and officers across the Vale for comment. Work undertaken through the Restore the Thaw project to develop links with landowners regards future tree planting schemes (see update below). We do not plant trees in the first 2 quarters as the failure	Cost of strategy adoption and limited space left for planting in Country Parks. Need for review of land ownership	On track	Draft tree strategy to be submitted to Cabinet November 2023 for approval. Trees to be planted in Country Parks. See PZC5.RTT
	rate is so high due to weather conditions.	and ID suitable planting areas.		
PZC5.4 Improve existing and create more green and blue spaces through Council led schemes, s.106 funds and new transport schemes.	Completion of Barry Docks transport interchange including new landscaped areas and new cycle shelters with integrated green roofs and bug hotels. Work on Wenvoe outdoor gym equipment funded by S106 complete. Tenders received for St Athan scheme. S106 public consultation undertaken on the proposed upgrading of Celtic Way Park in Rhoose to include re- designing and upgrading existing play area, new seating areas and biodiversity enhancements such as new tree planting and re-wilding. A local environmental group Replant Rhoose has been involved with the planting elements of the scheme. A S106 public consultation was undertaken on the proposed improvements to Murchfield Courts in Dinas Powys. The public open space scheme will include additional planting elements.	Limited internal resources may result in the prioritisation of other schemes and slippage may occur to some S106 projects as a result.	On track	 The new outdoor gym at Lougher Place, St. Athan is due to be completed. Bulb planting, tree planting and the preparation of the wildflower areas at Celtic Way Park. Planned improvements at Murchfield, Dinas Powys will be finalised and work will commence.

PZC5.5	See PZC1.3 and PZC9.5	None.	See PZC1.3	See PZC1.3 and PZC9.5
Work with local communities			and PZC9.5	
to increase the number of				
allotments and community				
garden space.				

Challenge 6. Ensure our planning policies and regeneration activities support work to adapt to and mitigate the effects of climate change and reduce negative impact
on the environment.
SRO: MARCUS GOLDSWORTHY

Step	Q 1 & 2 Progress April '23 - September '23	Q 1 & 2 Risks and barriers	Q 1 & 2 RAG rating	Q 3 & 4 Planned actions October '23 - March '24
PZC6.1 Produce Sustainable Urban Drainage Guidance.	No significant progress to date. Discussions with Local Planning Authority (LPA) over the potential for a SuDs Supplementary Planning Guidance (SPG) to facilitate better alignment between planning and SAB (SuDs Approval Body) rather than standalone guidance.	No budget or funding available at this time to progress guidance.	Slower than expected progress	Develop business case for Project Zero funding.
PZC6.2 Review/produce Supplementary Planning Guidance to support work on tackling climate change.	Employment SPG reported back to Cabinet in May 2023. The guidance includes a chapter on sustainability and climate change, and a section on active travel and travel plans. Retail and town centre SPG has also been adopted. The document seeks to promote a flexible approach to town centres as areas that are accessible by sustainable transport modes and encourages use of sustainable materials.	None.	On track	No further SPGs planned for Q3 & Q4. Additional SPG to be prepared in 2024-25 as part of evidence for the Replacement Local Development Plan (RLDP).

PZC6.3	Replacement Local Development Plan (RLDP) Vision and	Timetable for	Slower	LDP Annual Monitoring report approved
Maximise opportunities to	Objectives endorsed by Cabinet in April. Work	Preferred Strategy	than	by Cabinet in October 2023 – identifies
meet our communities need	progressing on RLDP Preferred Strategy including	consultation	expected	performance against policy targets
for housing, employment	stakeholder engagement on Growth and Spatial	delayed due to	progress	including delivery of housing on
and services through, where	Options, drafting of strategic policies and assessment of	need to collate		brownfield land.
possible, the sustainable	candidate sites. Workshop held to consider alignment	additional evidence		
redevelopment of brown-	with PSB Well-being plan, including Climate Change	to support key site		RLDP Preferred Strategy to be reported
field land in appropriate	objectives.	selection. Revised		through committee process in Q3.
locations, through the		Delivery		Strategy seeks to co-locate housing,
existing Local Development		Agreement		employment and other services and
Plan and the plan review		including timetable		facilities to reduce the need to travel, and
commencing in June 2021		due to be reported		targets development to places well
		to Council in Q3.		served by public transport.
PZC6.4	see below	see below	On track	see below
Work with developers to				
develop zero carbon				
buildings.				
PZC6.5	Officers researched planning policy for reducing the	Risks on identifying	On track	Instruct consultants to carry out the
Create more energy efficient	carbon intensity of new buildings and formulated a	hooks, exemplar		necessary feasibility work to justify a
buildings through planning	pathway to developing such policy. External expertise	work and funding		policy intervention on these grounds and
policy.	was considered necessary to complete this work and a	have been		complete that work. It may also be
	successful bid was made for funds from PZ Reserves.	overcome.		possible in late Q4 to use the feedback
	Using this funding, procurement has progressed and a			from the consultants work to inform
	Request for Quotes to complete the feasibility work			whether or not we can make an
	needed to develop this policy has been posted on			intervention on these grounds.
	Sell2Wales.			

PZC6.6 Require all new and significant developments to implement appropriate sustainable drainage system (SuDS) to appropriately manage surface water, water quantity and biodiversity.	Delivery of SAB function ongoing from the previous period with a total 10 SAB cases including 10 pre- applications and 22 full applications, 16 of which have been determined, 1 withdrawn and 5 still under consideration.	No additional staff funding confirmed to improve robustness and effectiveness of enforcement activities.	On track	Continue delivery of SAB function. Recruit additional staff as required subject to budget being made available.
PZC6.7 Use S106 agreements to invest in environmental and sustainable transport measures.	Section 106 sustainable transport contributions continue to support: the Greenlinks service; feasibility and design work on active travel improvements including a new crossing at Westgate, Cowbridge; the installation of active travel infrastructure such as a new bike pump repair station in Llantwit Major; the approval of additional street lighting in Llanmaes Road; the implementation of pedestrian enhancements including dropped kerbs and tactile crossing points on Gladstone Road, Barry. A bus shelter review was undertaken in Sully and a £1 fare scheme for the 303 bus service to Ogmore by Sea was subsidised in the summer holidays. The new Belle Vue Pavilion in Penarth opened and includes a green roof. Biodiversity enhancements will be included as part of the planned improvements at Celtic Way Park, Rhoose and Murchfield courts, Dinas Powys. The Section 106 annual report for 2022/23 confirms that the Council received section 106 contributions totalling £5.4 million in the last financial year and over £6.2 million was spent over that period.	Limited internal resources to manage scheme prioritisation. Potential for a drop in planning applications due to economic climate and resulting drop in S106 contributions.	On track	In Q3 and Q4 2023/24, the Section 106 officer will continue to work closely with relevant members and service areas to identify appropriate new environmental and sustainable transport schemes that can be delivered using Section 106 funding. Other funding opportunities will also be investigated where appropriate to assist in the delivery of Section 106 projects. Repairs to the boardwalk are due to commence using S106 monies.

PZC6.8	Discussions have continued with the Barry Docks owner	Docks owned by	On track	Announcement from ABP regarding
Work with Cardiff City	ABP over the potential development of a green growth	ABP (the Council		Docks due in Q3.
Region to explore	hub.	can support		
opportunities to promote		proposed uses		Aberthaw Masterplan due to be
and develop clean growth	The Development of Aberthaw by CCR energy is	through land		consulted upon.
hubs capitalising on Barry as	progressing and demolition contractors have now been	allocation in the		
a dock and maximising	appointed for the removal of the former power station.	LDP, policy		
renewable energy potential.		decisions & general		
		support including		
		from CCR).		

Challenge 7. Achieve a modal shift away from cars to more **sustainable forms of transport** with an increase in walking, cycling and the use of less polluting transport. SRO: EMMA REED

Step	Q 1 & 2 Progress	Q 1 & 2	Q1&2	Q 3 & 4 Planned actions
	April '23 - September '23	Risks and barriers	RAC rating	October '23 - March '24
	April 23 - September 25	RISKS and Darriers	RAGTALING	

PZC7.1	Continued to work regionally to understand what local	Uncertain future	On track	Phase 2 EV charge point site installations to
Work within the Cardiff	bus services run commercially and which ones will need	funding for bus		be completed and commissioned for public
Capital Region to improve	financial support. Decision on future funding due from	services.		use. Phase 3 progressed to detailed design
public transport options for	WG in Q3.			subject to submission for ORCS funding by
the region and implement		£600k LTF grant		CCR and approval by Welsh and UK
taxi charging points as well	£200k Local Transport Fund grant awarded to the	applied for, but		governments. Further funding
as a future network of car	Council to upgrade bus stops within the Vale of	only £200k		opportunities for additional on-street EV
park and bus charging	Glamorgan, including the passenger terminal bus stop	awarded, which		charging bays to be discussed with CCR &
points.	at Cardiff Airport.	reduces our ability		options to include school sites with MUGAs
		to upgrade more		(Multi-use games areas) that get regular
	Barry Dock Transport Interchange opened Q2.	bus stops and		visits from the public.
		purchase additional		
	Work ongoing with CCR regarding further installations	e-displays.		Tender all local bus services that are not
	of EV charging points.	Workload capacity		commercially viable and take a regional
		of the Design &		decision on those that will be funded from
		Construction team		April 2024.
		to undertake the		
		two bus stop		Progress design and construction to
		upgrades planned.		upgrade the Cardiff Airport passenger
				terminal bus stop and a stop on Fonmon
				Rd, Rhoose.
				Improvements to some existing shelters
				and purchase additional bus stop
				information displays with remaining grant
				funding.

PZC7.2	S106 agreement in principle with WG for substantial	Delays in reporting	On track	Determine application at Cosmeston and
Work with developers to	Sustainable Transport contributions at Cosmeston.	Cosmeston &		S106 officer to liaise with the Transport
ensure new business, leisure	Member consultations regarding spend of S106 funds	Leckwith		team regarding use of Sustainable
and housing developments	including at Sully (Cog Road development) and Barry	application to		Transport funds.
plan appropriately for	waterfront.	Planning		
transport needs and		Committee.		Secure approval of Replacement LDP
encourage behaviour	Consistent implementation of Parking Standards SPG	Sustainable		Preferred Strategy, which will be the first
change.	which promotes lower levels of parking.	transport viability		steps of allocating land for new housing in
C		affected by need		sustainable locations, and which can
	Employment developments approved in Barry/Hayes	for Leckwith		deliver significant transport infrastructure
	Road area, and Llantwit Major.	development to		improvements.
		provide funds to		
	RLDP Preferred strategy written and explained to	replace road		
	members in engagement sessions.	bridge. Model Farm		
		employment		
		development not		
		approved by		
		Planning		
		Committee- now		
		subject to a lengthy		
		appeal delay.		
PZC7.3	Construction of active travel (AT) route through Eglwys	Funding given	On track	Toucan crossing to be installed on Port
Increase active travel	Brewis started May 23.	through WG		Road shared use path near Walston Castle;
(walking and cycling) and	,	application process		improvements to be made through
improve the transport	Construction of AT route along Station Road, Rhoose	once a year.		Wenvoe village; completion of AT routes at
infrastructure in the Vale	started July 23.			Egwys Brewis and Station Road, Rhoose;
through the use of Welsh				Barry pedestrian routes improvements.
Government grants to	Audits undertaken of pedestrian routes in Barry ahead			
improve access, safety and	of proposed improvements.			Prepare bids for 24/25 funding
the joining up of the active				applications.
travel network.				

PZC7.4 Expand the Nextbike e-cycle hire scheme into other parts of the Vale following on from the implementation of the scheme in the Penarth area.	Monthly rentals are significantly less than previous years due to numbers in service (through vandalism). Nextbike are prioritising ebikes in the Vale to maintain the hire fleet as much as possible.	Vandalism throughout the summer months has hit the serviceable number of bikes available for hire.	On track	Dependent on status of Nextbike scheme.
PZC7.5 Work with all schools to ensure they have green travel plans and adequate cycling facilities.	Active Travel (AT) officer has worked with 2 schools to develop their AT plan.	Lack of staff resource and funding.	Slower than expected progress	Welsh Government have issued a toolkit for all schools to work with Sustrans Cymru. The AT officer aims to work with some schools in the Vale over the rest of the academic year to help them develop their plans.
PZC7.6 Establish a network of Electric Vehicle Charging Points and support projects which promote alternatively fuelled vehicles.	On-going installations taking place with Cardiff Capital Region. Website delayed.	Limited resources to undertake required actions.	Slower than expected progress	Further options provided to CCR for EV charger install consideration, including school sites with MUGAs that get regular visits from the public. See further comments in PZC7.1

Challenge 8. Work with partners and business to develop and implement an **Economic Growth Strategy** that supports local business and meets the challenge of climate change and our ambition for a green recovery from the Coronavirus pandemic. SRO: MARCUS GOLDWORTHY

Step	Q 1 & 2 Progress April '23 - September '23	Q 1 & 2 Risks and barriers	-	Q 3 & 4 Planned actions October '23 - March '24
------	---	-------------------------------	---	--

PZC8.1 Develop and implement a sustainable and green Economic Growth Strategy.	Meetings have taken place with Town Councils and initial drafts of some placemaking work has been sent to the Design Council Wales (DCW) for comment. Applications will now be made to WG for funding to support the development of placemaking plans. Cowbridge in particular is moving at pace, thanks to a very proactive Town Council who have embraced placemaking. The intention is for plans to be co-produced.	Capacity across Town Councils is mixed and this needs to be reflected in any bids. Barry presents a particular challenge in that it is a large space of different zones. Areas of most need are being focused on at this stage.	On track	Funding applications to be submitted to Welsh Government and more detailed work to commence with Barry Town Council. Further discussions will take place between the Council and both Llantwit Major and Penarth Town Councils.
PZC8.2 Support increased digital access and literacy in the community.	Weekly job club within Barry Library ICT Suite continues and has grown in popularity week on week. Participants are encouraged to stay in the library following the job club to attend the Digital Skills Session, and some of our participants are taking this opportunity to upskill. New Training and Participation Officer who has increased promotion and enrolment into digital courses and online qualifications. Our mentors are actively involved to support these participants with these courses and into employment.	The main risk to our activities is participant engagement and motivation. Due to our programme being voluntary, we do see some participants disengage which does also result in disengagement with the digital courses.	On track	Development of further courses online. Further improvements to be made to our other job clubs. Training and Participant Officer to continue to increase engagement on the courses available.
PZC8.3 Support employment opportunities linked to a green economy and work with the Cardiff Capital Region to explore green jobs growth potential in areas such as renewables.	Food and farming role funding approved via SPF and Project Zero reserves. Food role will focus on several specific challenges in the action plan and also begin to look at the feasibility of an Agri Hub project.	Role has yet to be approved internally although funding is in place.	On track	Recruit officer subject to new job creation being approved.

PZC8.4	Multiple meetings have taken place in relation to the	Lack of formal lines of	On track	Discussions will take place with CCR energy
Work with businesses,	CCR energy project at the power station. Funding	Communications		around a potential supply chain project
colleges, and universities to	has also been launched to enable businesses to	between CCR and		linked to the power station. Funding will be
identify opportunities and	apply for new tech and decarb projects.	Authorities in the		issued to businesses to implement new
promote new technology.		Region can prove a		technology and green investments.
		challenge. However,		
		CCR energy has hosted		
		meetings at the power		
		station in relation to		
		that project.		

Step	Q 1 & 2 Progress	Q 1 & 2	Q1&2	Q 3 & 4 Planned actions
	April '23 - September '23	Risks and barriers	RAG rating	October '23 - March '24
PZC9.1 Work through the PSB and Food Vale to implement the Move More Eat Well Plan and to promote buying local produce and shopping locally.	 The 2023 Vale Food Trail was successfully held in the summer with over 14 business/ organisations and 500 people engaging the range of activities on offer. The trail helped promote local producers across the Vale. The activities included cooking workshops, food tasting and garden and orchard tours. Work to implement the Move More Eat Well (MMEW) plan continues with the 2022/23 annual report showing the progress made to date across all priority areas. 	None	On track	Food Vale partners will begin planning for a 2023/24 Vale Food Trail. Work will progress to develop a new MMEW framework with stakeholder for post April 2024 aligned to the Healthy Weight: Health Wales Welsh Government policy agenda.

PZC9.2 Work within Food Vale to obtain Sustainable Food City status and promote businesses that have sustainable practices.	A new Food Vale Officer was successfully recruited for a 12 month period and is working to develop the partnership and to achieve Silver Status including the development of a new Food Strategy for the VOG with partners, stakeholders and the public. Work to explore the root causes of food insecurity in the Vale and support actions under the Llantwit Food Project.	None	On track	A workshop using the 3 horizons model is planned to take place in November helping to develop a draft Food Strategy for the Vale.
PZC9.3 The Big Fresh Catering Company which serves nearly 2 million meals a year will take steps to further reduce its impact on the environment.	Big Fresh have implemented a new compliant menu that will start after half term. The menu has looked at cost effective products and ingredients to stay within the nutritional guidelines which will help us achieve compliance without compromising on quality for our pupils. Big Fresh have now moved to paper straws and removed all single use plastic on site at both cafes.	Rising costs may lead to the need to change suppliers.	On track	Continue to work with our suppliers to reduce the impact of packaging on the environment. Follow up work from the Youth Climate Conversation scoping opportunities to work with the waste team and schools to talk about recycling and waste dispensing from purchases at our service counters. This will educate and raise awareness of the need to recycle and not to litter.
PZC9.4 Review procurement arrangements to support less food miles and less packaging and waste.	Single use plastic is banned in all new leases / licences - there have been 2 new concessions in this period plus Big Fresh licences at Penarth Pier Cafe and Belle Vue Park. Working to reduce our use of single use disposal cups at Council run events - we have purchased an urn and mugs which have been used for internal and public events reducing the waste we generate.		On track	To scope opportunities for reducing food miles and packaging through Big Fresh's procurement arrangements. We have identified the items banned by the Single Use Plastic Ban and are taking steps to ensure these are removed.

PZC9.5 Work with community groups and through the Green Infrastructure Plan to encourage people to grow their own fruit and vegetables.	The Green Infrastructure plan is in development and includes reference to the importance of food growing in the Vale.		On track	The planning team are consulting internally on the GI plan. Food Vale are holding a Food Strategy Event in November which will invite stakeholders and members of the public to discuss their priorities for a sustainable local food system in the Vale, including needs around growing food. Food Vale are surveying schools to understand what they are already doing around food growing, and what their ambitions are.
PZC9.6 Promote and facilitate food waste recycling for residents, business and schools	Beginning the process of a service change from comingled to source segregated recycling for commercial premises, which includes our schools.	None	On track	Send letter to all commercial businesses including schools on future service changes and approve the new commercial waste pricing structure. Participate in waste discussions at the Youth Climate Conversation to assist the awareness to school children regarding recycling. Planning to attend a headteachers meeting to raise awareness of the forthcoming workplace waste regulations and council-run waste services.

Challenge 10. **Reduce waste** and put in place the necessary facilities, services and awareness raising for a more circular economy with a strong emphasis on reuse, repair and recycling.

SRO: EMMA REED

Step	Q 1 & 2 Progress April '23 - September '23	Q 1 & 2 Risks and barriers	Q 1 & 2 RAG rating	Q 3 & 4 Planned actions October '23 - March '24
PZC10.1 Adopt a new Waste Management Strategy with a strong emphasis on working with the community.	We are currently working on our next update to Cabinet. The report will include updates on the Garden Waste subscription service, the 3 weekly black bags, new waste legislation from 1st April regarding businesses recycling, waste services and efficiencies going forward and how these will be delivered and capturing additional recycling from flats and apartments.	None	On track	Prepare the Cabinet report.
PZC10.2 Develop campaigns to change behaviour e.g. to reduce single use plastics and packaging and to increase reuse, recycling and composting.	We have designed the required artwork and manufactured the panels in preparation for installation of campaign materials in 8 locations.	None, as funded externally.	On track	Receiving funding to undertake some bus stop advertising working with Clear Channel.
PZC10.3 Promote and signpost to community projects and services which encourage reuse and repair and a reduction in waste.	We have appointed the 3 recycling officers and implemented a new system to monitor interactions with householders. The recycling officers are currently working in areas known to have limited recycling participation to assist educate residents and increase recycling rates.	We need to take an evidence based approach in Q3 & Q4 to narrow down the areas that require further assistance.	On track	We will be implementing monthly contamination audits of the material offloaded by our recycling vehicle to help further understand the areas that require further assistance and education.

PZC10.4	The contract is taking longer to sign although will be	Delay in signing the new	Slower	Open a new reuse shop in Atlantic Trading
Establish a Reuse Shop	opened in Q3.	contract.	than	Estate, run by the Enfys Foundation.
to take in products, repair as necessary and sell them on.			expected progress	To work with FCC Environment (the company that runs our Household Waste recycling centres at Barry and Llandow) to maximize the number of items reused and diverted from being recycled.
PZC10.5 Roll out of recycling arrangements across the Vale and work with schools and business to reduce waste and improve recycling rates.	The Roll-out of recycling arrangements into Penarth has been completed and we are currently writing to businesses regarding the new regulations which come into force in April 2024. We are also working with facilities regarding public buildings.	Resource could be a future risk especially if we receive a large increase in commercial customers.	On track	Continue working with Schools, Facilities, and local businesses to implement the required changes ahead of the <u>Wales</u> <u>Workplace Recycling Regulations</u> to be introduced in April '24.
PZC10.6 Build a new Resource Recovery Centre in the Western Vale.	We are still working with the property section to locate a suitable parcel of land for the new resource recovery facility. An additional Capital bid has been submitted towards the development costs.	Risks include the increase costs of purchasing and developing the required land.	Slower than expected progress	To continue to work with the property section to locate the required land.
PZC10.7 Commit to avoiding the export of any residual waste or recycling materials from the UK.	We have signed new contracts with off takers ensuring that material remains in the UK. These contracts are for a period of 1 year + 1.	Completed	Completed	

Challenge 11. Work with partners to reduce the risk of flooding, manage our **coastline** and encourage everyone to take a more responsible approach to **water use.** SRO: EMMA REED

Step	Q 1 & 2 Progress April '23 - September '23	Q 1 & 2 Risks and barriers	Q 1 & 2 RAG rating	Q 3 & 4 Planned actions October '23 - March '24
PZC11.1 Implement a Flood Risk Management Plan and a Shoreline Management Plan.	External consultants appointed to assist with delivery of new Local Flood Risk Management Strategy (LFRMS). Property counts completed and review of existing data sets nearing completion. An internal review of local objectives and measures is ongoing but slower than programmed.	Internal resource to manage external consultant and undertake internal review local objectives and measures.	Slower than expected progress	Commencement of statutory consultation on the draft document by March 2024 or as soon as practicable thereafter.
PZC11.2 Ensure Sustainable Drainage measures Systems (SuDS) are delivered.	See PZC6.6	See PZC6.6	On track	Continue delivery of SAB function. Recruit additional staff as required subject to funding.
PZC11.3 Promote water efficiency measures in our work and buildings.	Water AMR (Automatic Meter Reading) is being installed. There was a pause while we waited for Welsh Water to change non pulsed meters which is now being done. We are currently up to 148 water AMR devices installed on meters across the estate including schools, parks, our principal buildings, and care homes. The meters are identifying continuous water flow, and work is ongoing to identify the causes. We have replaced oversized meters in some settings to reduce standing charge costs.	Lack of identified contacts in our buildings to track progress when flow issues / leaks are flagged. Lack of capacity to review water meter sizes and sizes of supply means missed opportunities to save on standing charge costs.	On track	Continue with the roll out of AMR, with the aim of completing across the full Council estate in this period.

PZC11.4	No significant progress to date. Related to progress on	Officer time and	No progress	To be discussed internally with facilities
Encourage the re-use of	PCZ11.1 above.	resource. See action		team and Planning policy. Also to be
rainwater where		PCZ11.1 above.		progressed as part of the objectives and
possible.				measures referred for the LFRMS in
				PCZ11.1 above.

Step	Q 1 & 2 Progress April '23 - September '23	Q 1 & 2 Risks and barriers	Q 1 & 2 RAG rating	Q 3 & 4 Planned actions October '23 - March '24
PZC12.1 Develop and implement a Local Area Energy Plan and contribute to the work of the Cardiff Capital Region.	4 Local Area Energy Plan (LAEP) stakeholder workshops took place. Attendees included internal colleagues, larger businesses, and energy consumers in the Vale. Workshop themes included 'Pathway Prioritisation' and 'Scenario setting' for future energy needs.	Gaps in stakeholder input.	On track	Further stakeholder workshops are being planned as well as a briefing for SLT and members on progress to date. A draft plan is due to be delivered by the beginning of February 2024, to be reviewed by The Council and Stakeholders up to the end of March 2024.
PZC12.2 Work with developers and businesses to move away from fossil fuels and explore opportunities for investment in alternative energy supplies.	Funding agreed for Business Decarbonisation role supported by SPF and Project Zero reserves. SPF Business Grant offer to encourage decarbonisation advertised and circulated to businesses across the Vale.		Slower than expected progress	Appointment of Business Decarbonisation Officer. Issuing of first tranche of business decarbonisation grants.

PZC12.3	Solar photovoltaic feasibility site visits have been	Capital to make	On track	
Support community	completed at six buildings (within schools and Place	further investment.		
renewable energy	Directorate).			
projects and develop		Structural surveys and		
district heating	Additional funding has been secured to retrofit a group	grid infrastructure		
networks.	of Community Centres: this will include solar	checks to be		
	photovoltaics, LED lighting and other energy efficiency	completed.		
	measures.			
PZC12.4	Information on energy efficiency and grants available is		On track	Ongoing promotion of energy efficiency in
Provide information	regularly updated on our cost of living webpages.			the home and available grants including
about being more				working with the Town and Community
energy efficient in the	Co-ordination with Housing Department and the			Councils.
home including raising	Council's registered Social landlords to update them on			
awareness about grants	the assistance available.			
and schemes for				
homeowners and				
tenants.				

Area 3. Make a difference now. Challenge 13-18.

These challenges focus on how the Council as an organisation provides its services and manages its assets. The proposed activities relate to our procurement practices, schools and council housing, how we manage our land and assets, staff travel and investment in technology.

Challenge 13. Revise our Contract Management and Procurement policies and practices to ensure they support our ambition to reduce waste and carbon emissions SRO: MATT BOWMER

Step	Q 1 & 2 Progress	Q1&2	Q1&2	Q 3 & 4 Planned actions
	April '23 - September '23	Risks and barriers	RAG rating	October '23 - March '24
PZC13.1	The Procurement Policy and strategy and supporting		On track	Procurement policy to be reviewed and
Revise the procurement	documents were published on the intranet.			updated.
policy and strategy and				
train staff on more	Establishment of relationship with Ardal, the shared			Contract register and forward plan to be in
sustainable procurement	procurement service with Monmouthshire, Cardiff and			place.
to reduce consumption	Torfaen Councils. Ardal have started work on the			
and encourage a circular	contract register, the approach to reducing carbon in			
economy.	the supply chain, spend analysis, and on a tailored set			
	of TOMs (Themes, Outcomes, Measures).			
	A distribution list of all the Council's commissioners and			
	procurers has been created and 'Reducing Carbon in the			
	Supply Chain' note has been circulated.			
PZC13.2	A session with Insight Board on community benefits was		On track	Publish new streamlined TOMs framework
Explore social and	delivered to raise awareness of the opportunities to			and implement on a pilot basis for larger
environmental clauses in	deliver more from our procurement.			contracts.
contracts which place an				
increased focus on local	Ongoing discussion with Ardal on streamlining the			
supply chains and	Welsh Government TOMs in the Strategy & Policy to			
business, with a	ensure social value is delivered where it has the			
commitment to	greatest impact on the Council's objectives, including			
supporting the	the Net Zero commitment.			
foundation economy.				

Challenge 14. Invest in our existing housing stock to make it more energy efficient and deliver near zero carbon, or at a minimum A rated new Council homes. SRO: MIKE INGRAM				
Step	Q 1 & 2 Progress April '23 - September '23	Q 1 & 2 Risks and barriers	Q 1 & 2 RAG rating	Q 3 & 4 Planned actions October '23 - March '24
PZC14.1 Deliver near zero carbon, or at a minimum A-rated new Council homes.	 In total 133 units were started in this period Scheme at St Cyres Road completed and handed over in July. Scheme at Hayeswood Road is progressing well and nearing completion. Scheme at Clos Hom View Phase 2 started on site in June. Schemes at Colcot Clinic and Eagleswell Road are progressing well. Coldbrook Road East scheme is progressing, though more slowly than expected. 	Scheme at Maes y Ffynnon on hold as tendered sum not affordable. Coldbrook Road East - contractor issues.	On track	 In total 30 new units are planned to start in this period. Continuation of Modern Methods of Construction (MMC)/EPC A schemes currently under construction: EPC A new starts on site at Eagleswell Road, Llantwit Major; Clos Holm View Phase 2; Maes y Ffynnon, Bonvilston; Olive Lodge, Barry and Cadoxton House, Barry. Maes y Ffynnon remains part of the Council Housing Development Programme and will be commenced during 2024/25 Coldbrook Road contractor has been replaced and work will recommence in January 2024. Phased handover of Hayeswood Road scheme likely from Dec 2023 through to March 2024. Completion of new Council housing schemes at St Cyres Road, Penarth and Eagleswell Road, Llantwit Major.

PZC14.2	Completion of rebuild of three Aireys properties* in St	Contractor issues:	On track	Undertake reviews of data received from
Improve the energy	Georges Super Ely, the first homes to receive a full PAS	Limited number of		the installation of the Airwit Sensors, of
efficiency of the Council	2035 survey and works to achieve the highest efficiency	contractors available		outcomes of the PAS2035 retrofit and
housing stock and utilise	ratings that the buildings can achieve.	and the recent set-		monitoring data of each property's
Optimised Retrofit		back of targets has		performance.
Programmes.	Work towards the introduction of Airwit sensors in 28 x	reduced the		
	pilot properties including the gathering of baseline data.	appetite of		Continued delivery of installation of
		contractors to enter		remaining Airwit sensors and Fabric first
	Continued delivery of existing fabric first schemes	the market. Lack of		schemes such as Pontalun Close and
	including blocks of flats and Houses. Pontalun Close and	upskilled		Severn Avenue.
	Severn Avenue schemes have started, with Severn	contractors available		
	Avenue identified to pilot Solshare PV and battery	who are signed up		Review of Aireys property performance
	backup system that distribute electricity to individual	to Trustmark to		and identifying their new SAP rating.
	flats.	deliver the Pilot		Support new tenants to ensure their
		Scheme.		property and its renewable technology
	Development of the 28 x whole house approach pilot			system are working efficiently.
	scheme design and tender package continues with	Tenant issues: not		
	consultants Michael Dysons. The retrofit assessments	allowing access to		Engage contractor and start work to deliver
	and air tightness testing have been completed and the	contractor to		PAS2035 28 x properties whole house
	in-house Retrofit Coordinator has identified the options	undertake surveys		approach pilot scheme.
	to achieve net zero. Designs have been finalised and	and not wanting		
	tenants have been consulted on the finished	monitoring systems		Plan and start the PAS2035 Retrofit
	appearance of the blocks and individual properties.	installed in their		assessment on the properties to be
	Michael Dysons are now developing the tender package	homes.		included in the next property
	for the pilot scheme to be procured.			decarbonisation scheme which will include
		Current SAP		the next 300 x council house properties.
	*An Airies property is a non-traditional house/flat	assessment does not		
	construction type, usually of reinforced concrete	recognise the		
	structure. These are difficult and expensive to maintain	impact of up to date		
	and improve, and costly to improve the EPC or SAP	renewal technology		
	rating. Many of ours are also off gas in rural areas and	which reduces a		
	therefore will require heat pumps etc when converting	property's carbon		
	fuel source from oil or coal.	footprint.		

Challenge 15. Build new zero carbon schools and improve our existing school buildings to ensure they are energy efficient and create learning environments fit for the future.

SRO: TREVOR BAKER

SKO. TREVOR BAKER			1	
Step	Q 1 & 2 Progress	Q 1 & 2 Risks and barriers	Q1&2	Q 3 & 4 Planned actions October '23 - March '24
	April '23 - September '23	Risks and Darners	RAG rating (dropdown)	October 23 - March 24
PZC15.1	Planned review of our Employer's requirements which	Increase of project	On track	Completion of updating Employer's
Invest in carbon	date from 2018. These are used for tenders and then in	costs.		Requirements to enhance developments in
reduction measures	the final contract setting out what is required from a			meeting WG Carbon Reduction targets.
across the educational	development in the contract including net zero carbon,			
estate.	ecology, and social benefits. They will be reviewed and			
	updated in line with Project Zero, the Corporate			
	Strategy and the WG's strategies to reflect future			
	environmental potential and sustainability goals.			
PZC15.2	Under construction: St Nicholas, a NZC in Operation	Planning/SAB	On track	St Richard Gwyn – SAB and Planning
Design new schools to	Primary school.	determination dates.		determination dates November.
meet BREEAM Excellent				Consultation running from 5th September -
standard, delivering	In development: Ysgol y Deri expansion is due to begin	Increase project cost		17th October.
energy efficient buildings,	and will be a reduced carbon/NZC school with our first	due to delays for on		
enhancing habitats for	green roof and living wall, plus PV panels. St Richard	site starting		Progress with planning for Ysgol Iolo
wildlife, and reducing the	Gwyn is currently within the Planning and SAB process			Morganwg.
carbon cost of	and will be a reduced carbon/NZC comprehensive			
construction.	school with a green roof, in addition to an Air Source			St Nicholas CIW Primary phase 2 to be
	Heat Pump (ASHP) and PV panels.			completed. Ysgol Sant Baruc due for
				completion. Ysgol Y Deri expansion
				construction due to start.

PZC15.3 Monitor and control carbon footprint at the construction stage and investigate options to address embodied carbon through natural materials and modern methods of construction.	Construction waste has been monitored and will continue. Enhancement on demolition materials reuse to be explored. Fact finding case study has begun working with the demolition contractor at St Nicolas to look at the feasibility of local reuse of construction / demolition waste (currently 96% diverted from landfill).	Increase project cost for diversion of construction waste to other sites of separation material.	On track	Within the updated Employer's Requirements for each specific project, we will be incorporating the need for a full breakdown of waste material plus the reuse of demolition material to other sites - reducing our carbon footprint through development.
PZC15.4 Adopt a fabric first approach to achieve high thermal performance and install photovoltaic panels and/or air source heat pumps.	Our standard model for delivering Net Zero Carbon (NZC) in Operation is always under review to ensure the building fabric is as airtight as possible.	Increase in project cost.	On track	Updating on Employer's Requirements with lessons learnt on delivered projects i.e. to increase the thermal efficiency of the building fabric by removing all penetrations (sockets, switches) from the external walls (excluding windows etc) to gain small margins that enhance the thermal envelope.
PZC15.5 Improve school grounds biodiversity as a means of decarbonisation and map natural carbon sinks.	Community links have been made with a local nature reserve, two community gardens and a local care home. These projects aim to improve these natural spaces for pupils and the wider community, creating teaching spaces and areas to relax and reflect in nature. St Nicholas contractors are planning on revamping the old nature reserve in the school to make it a safe teaching space with lots of areas to encourage more wildlife and increase biodiversity.	funding available, buy-in to manage areas of land going forward.	Slower than expected progress	Working with Big Fresh to install wormeries at 3 schools. Working with the Local Nature Partnership to enhance an area in Barry for the local community and schools to utilise. Updating our Employer's requirements for future schemes - taking lessons learnt and bulid on these.

PZC15.6	Project Zero reserves funding has been received for	Small barrier -	Slower than	Schools will be identified for Energy Sparks
Focus on methods to	Energy Sparks to provide support to 6 schools on	schools are	expected	support and work will commence.
further reduce in-use	becoming more energy efficient and promoting	extremely busy and	progress	
consumption, e.g.	behaviour change.	providing regular		Future newsletters and advice along with
reducing catering,		data and feedback to		case studies will be issued to all schools to
monitoring community	Big Fresh have worked with us on delivered a scheme to	us is a challenge.		encourage more eco-friendly, energy
usage.	reduce equipment such as fridges/freezers, which in	Installing meters		friendly and less wasteful approaches.
	turn reduces energy required.	removes the barrier,		
		but these do come at		
	Metering has been placed in our new buildings to	a cost.		
	monitor and advise schools of their consumption -			
	advising on where this can be improved e.g. for 'Switch			
	off Fortnight' a newsletter was issued to all schools,			
	which has had some positive feedback.			

Challenge 16. Manage and use our land, buildings and other assets to support work to tackle climate change, rationalising what we need and improving sustainability and energy efficiency. SRO: LORNA CROSS				
Step	Q 1 & 2 Progress April '23 - September '23	Q 1 & 2 Risks and barriers	Q1&2 RAG rating	Q 3 & 4 Planned actions October '23 - March '24
PZC16.1 Review the Asset Management Strategy.	No action as yearly update due in Feb 2024.	None	No planned action	Annual update to Cabinet in February.

PZC16.2 Progress the Space Project to modernise and rationalise Council buildings including the creation of more green areas.	Business case approved. In light of budget issues, options were reviewed for a revised scheme.	Lack of available budget.	Slower than expected progress	Options continue to be reviewed for a wider rationalisation programme.
PZC16.3 Invest in and implement a programme of energy saving projects to reduce energy use across our buildings as part of the carbon management plan.	LED lighting projects delivered at Pen-y-Garth, Dinas Primary Schools. PV feasibility undertaken. Consultant provided with data sets for review. Our Net Zero Carbon report for Welsh Government for 2022/23 has also been shared.	Not all activity has sufficient data granularity to map the way forward to net zero carbon, which make costings to deliver net zero carbon difficult.	Slower than expected progress	Prepare PV tenders for procurement and installation. Progress LED lighting projects for The Alps Garage, PLC and Cowbridge 3G pitches. Carbon Management Plan - draft to be circulated with project team and finalised.
PZC16.4 Maximise the potential of Council owned land and assets in the production of renewable energy and exploring ways in which this could benefit the local community.	Project Zero funding awarded for a feasibility study for a renewable energy project on Council land.	None.	On track	Officers are working towards the appointment of a consultant to carry out a feasibility study for a potential energy project on council owner land.
PZC16.5 Encourage leaseholders to be more sustainable in how they use property leased from the Council.	No new EPC ratings needed in property leased this period as the existing ratings have not expired.	Lack of resource for monitoring.	On track	none planned

PZC16.6	We are currently at 93% LED. Upgrades to LED to small	Added expense of	On track	Capital funds to be confirmed to convert
Implement plans to	schemes in the period include: Cliff Road/Cliff Hill	heritage / bespoke		the remaining 7% (1120) of lighting, and
convert more street	Heritage style lanterns x 16 to LED; The Mount, Dinas	may be a barrier for		remaining road lighting to LED. Many are
lighting and de-illuminate	Powys, 19 x illuminated bollard lights to LED; Penarth	future conversions.		heritage / bespoke style.
bollards.	Marina, 228 x lanterns to LED; 30 x cast Iron column refurbishment and upgrade to LED in Penarth & upgrade 19 x lanterns to LED.			

Challenge 17. Reduce the number of car journeys staff make and increase the number of electric/low carbon vehicles across the Council's fleet of vehicles. SRO: EMMA REED					he Council's fleet of vehicles.
	Step	Q 1 & 2 Progress	Q1&2	Q1&2	Q 3 & 4 Planned actions

Step	April '23 - September '23	Risks and barriers	RAG rating	October '23 - March '24
PZC17.1 Develop an electric /alternative fuelled	No new orders for EV vehicles placed. Two welfare units purchased which although still have diesel generators also have solar panels to reduce carbon	Due to change in personnel, new orders have been	Slower than expected progress	Continue to consider the option of electric/alternative fuelled vehicles when purchasing or hiring vehicles.
vehicle strategy.	output. Delivery of EV recycling vehicles delayed - anticipated in	limited.		Delivery of EV recycling vehicles.
	Q4.			Tender and appoint consultants to undertake a comprehensive fleet review
	Engaged with consultants to scope an alternative fuelled vehicle strategy.			and produce an electric/alternative fuelled vehicle strategy.

PZC17.2	Working with the region and operators with regard to	Funding.	Slower than	Work with the Communications team to
Promote and incentivise	the Bus Emergency Scheme (BES) funding withdrawal.		expected	improve staff travel webpages.
more sustainable staff			progress	
travel including corporate	Staff Travel Survey undertaken.			Review staff rewards scheme and
membership for				opportunities to incentivise more
Nextbike, pool bikes, local	Promoted TfW rail flex tickets and young persons travel			sustainable ways to travel to work through
bus services and TfW rail	through StaffNet.			staff rewards.
service with reduced				
charges for staff, non-car				
parking days for staff and a cycle to work scheme.				
a cycle to work scheme.				
PZC17.3	Office-based staff can work from any building that has		On track	Finalise the next phase of Eich Lle works.
Develop hub facilities for	wifi which is not reliant on Council owned or managed			
staff to work from to	buildings if it meets their service requirements and			
reduce the need to travel.	offers a suitable working environment.			

Challenge 18. Invest in technology to support homeworking and online services reducing the need for travel and office space. SRO: TOM BOWRING

Step	Q 1 & 2 Progress April '23 - September '23	Q 1 & 2 Risks and barriers	Q 1 & 2 RAG rating	Q 3 & 4 Planned actions October '23 - March '24
PZC18.1 Utilise new technologies	Completion of initial specification and testing of archiving software that will enable shut down of legacy	Delays in Oracle archive project due	Slower than expected	Decommissioning of Oracle on premise servers now planned for Q4.
and digital practices to reduce electricity usage and reduce carbon	servers. The project team have almost completed the	to resource capacity of Oracle Archiving Implementation	progress	HoS to complete their review and confirm approach. Decision will inform the actions
emissions.	specification to be included in the procurement process. New Head of Digital is currently reviewing the	partner. Support resources		to take place in this period.
		for Teams Telephony		

	approach and proposed timescales to inform the way	are being reviewed		Complete meeting platform testing, carry
	forward.	as part of the HoS		out soft launch and go live with designated
		review to ensure ICT		public meetings.
	The hybrid meeting platform is in its final stages of	Service has the		
	testing. Training has started to be rolled out to Elected	capacity and		Training will continue to be offered /
	Members and Officers, mainly via iDev, but face to face	knowledge to		provided during this period.
	workshops are also being provided.	provide quality		
		support.		We will be looking at the opportunity to
				reduce our Carbon Footprint through the
		Takeup of the		increased use of cloud computing in data
		training is integral to		centres that are focused on reducing
		the successful		environmental impact. We are undertaking
		introduction and use		a review of our device strategy to increase
		of the new platform:		the re-use of our devices and are planning
		A cost pressure bid		activities that increase the use of our 365
		has been submitted		architecture to reduce the volume of
		for additional		emails sent.
		resources to increase		
		capacity to support		
		hybrid meetings.		
PZC18.2	Project Zero response to the draft Digital Strategy	No major barriers.	On track	Draft digital Strategy to go to Cabinet for
Implement a new Digital	included the recommendation to strengthen the focus			approval with the response
strategy to support	on reducing the organisation's digital carbon footprint.			recommendation to strengthen the
increased use of				emphasis on reducing the organisation's
technology and a reduction	The new Head of Digital has been appointed and is			digital footprint.
in office space and travel.	reviewing works.			
				New Head of Digital to drive through the
	The draft Digital Strategy consultation has concluded			Digital agenda by initially considering
	and has been updated to reflect feedback.			current corporate priorities, Digital Target
				Operating Model and governance options.