Inverclyde council

Report To:	**Environment & Regeneration Committee**	**Date:**	**28 June 2023**
Report By:	**Director Environment & Regeneration**	**Report No:**	**ENV030/23/SJ/EM**
Contact Officer:	**Eddie Montgomery**	**Contact No:**	**01475 712472**
Subject:	**Net Zero Action Plan 2022/27 - Progress**		

1.0 PURPOSE AND SUMMARY

1.1 ☒For Decision   ☐For Information/Noting   Tick any that apply

1.2 This report seeks to update the Committee on the progress made against the approved Net Zero Action Plan 2022/27 and seeks approval to progress specific action plan projects as outlined in the report and appendices.

1.3 The Environment & Regeneration Committee of 28 October 2021 approved the Net Zero Strategy 2021-2045 (https://www.inverclyde.gov.uk/assets/attach/14504/net-zero-strategy_web.pdf) which sets out Inverclyde Council's route map to achieving net zero greenhouse gas emissions by 2045. The Net Zero Action Plan 2022/27 was approved by the Committee in November 2022 with funding allocation agreed in March 2023 as part of the 2023/26 Capital Programme.

2.0 RECOMMENDATIONS

2.1 It is recommended that the Committee:

- notes the current position and the progress on the specific actions of the 2022/27 Net Zero Action Plan as outlined in the report and appendices;
- approves the allocation of £0.373m funding in respect of Action Plan item 2.18 and 2.21 under Transport in respect of Ultra Low Emission Vehicles (ULEV) and associated charging points; and
- approves the allocation of funding of £0.787m in respect of Action Plan item 4.6 under Natural Environment in respect of proposed peatland restoration projects and notes the potential for external grant funding support.

Stuart Jamieson
Director Environment &
Regeneration

3.0 BACKGROUND AND CONTEXT

3.1 Inverclyde Council's Net Zero Strategy sets out a route map to achieving net zero direct greenhouse gas emissions from its operations by 2045, including an interim 2031 target. The primary focus is reducing emissions from the council's buildings, transport, street lighting, water and waste, before considering options for offsetting emissions that cannot be eliminated.

3.2 The Strategy will be implemented through a series of Action Plans, the 2022-2027 Action Plan was approved in November 2022 and provides the objectives and associated actions that will target the carbon reductions over the five years of the initial plan, subject to the limit of available funding. It was also agreed that, where appropriate, the proposed action plan projects will require to be brought back to Committee for approval prior to progression following the completion of detailed technical assessments of the one-off capital costs, revenue cost impacts (negative or positive), and carbon reduction improvements.

3.3 The Councils Environment & Regeneration Capital programme reflects the allocation of resources approved by Inverclyde Council on 2nd March 2023 including £3.3m to address the progression of the agreed 2022/27 Net Zero Action Plan.

2022/27 Net Zero Action Plan

3.4 The Actions within the approved Plan have been reviewed by the various Services and Officers with an update on progress included as Appendix A.

Vehicle Replacement Programme – Ultra Low Emission Vehicles

3.5 The Scottish Government Programme for 2019-20 states that 'public sector fleets should remove petrol and diesel cars by 2025, phase out vehicles under 3500kg by 2025 and procure zero emission vehicles for all vehicle types (including HGVs) from 2030 onwards'. Scottish Government have categorised light commercial vehicles as commercial vehicles up to 3500kg gross vehicle weight. The proposals involve addressing an alignment with the targets to 2025 for the period of the current available Net Zero Capital funding i.e. 2023/26.

3.6 From 2011 until 2021 the Scottish Government provided public sector grant funding to subsidise the cost of replacing Internal Combustion Engine (ICE) vehicles with Ultra Low Emission Vehicles (ULEV). Inverclyde Council has taken advantage of this funding and have 38 ULEVs on fleet which have been purchased at a net zero capital cost to the council. The Council will be compliant with the target to remove all petrol and diesel cars from its fleet by the 2025 deadline. The Scottish Government are no longer providing grant funding to bridge the cost difference between ICE vehicles and ULEV vehicles. To meet the future prescribed targets will require increased capital funding.

3.7 The council has 108 vehicles that fall within the 'cars' and 'light commercial vehicle' categories. 38 of these vehicles are already ULEVs. There is a balance of 70 vehicles that would fall into the 2025 procurement/phasing deadline. The Councils car fleet will be compliant by the deadline as the small number of vehicles required are due for replacement before the deadline. Following on from the global issues in the past three years that have affected the supply chain for vehicles, both ICE and ULEV, the current allocated budget is not sufficient to maintain the 5/7 year replacement policy currently in place even replacing like for like with ICE vehicles.

3.8 Due to increased costs for ICE vehicles the current allocated budget is not sufficient to maintain the existing 5 year replacement policy on a like for like basis. Replacement of these vehicles with ULEV vehicles on a 5 year programme is even less affordable. This report proposes that the current replacement policy of 5 years for cars and light vans be extended to 7 years. The remaining funding gap to move to ULEVs for the 2023/26 period is £283,000 and it is proposed to be allocated from the Net Zero Action Plan Capital allocation. Any newer vehicles purchased recently would not require to be changed over until after the 2025 deadline. Savings would be generated through transitioning from current fuel prices to electricity costs.

3.9 To make the switch to ULEVs operationally viable the charging infrastructure within council depots will require to be increased. Currently there are 22 charge points within the Pottery Street / East Hamilton Street Depot complex with a further 10 charge points due to go live imminently. An additional 2 charge points are located at the Hillend Centre on East Crawford Street. It is estimated that the electrification of all cars and light commercial vehicles would require an additional 30 charge points either within depot complexes or at remote locations throughout our operational area. Consideration will also need to be given as to how vans are charged for employees that work from home, 17 vans operated by Building Services currently fall into this category.

3.10 The cost of installing a charge point can vary considerably dependant on the availability of an adequate power supply. For budget purposes a cost of £6k per double post would be considered prudent. Based on an additional 15 double posts being required providing 30 additional charge points this would require an additional £90k in infrastructure funding and assumes 7kW charging points. Scottish Government funding may be available to assist with charging infrastructure however this is reviewed on an annual basis and cannot be depended on.

3.11 As electricity is less costly than diesel then it is expected that there will be an on-going saving however this reduction will require to be balanced against expected increases in repairs costs due to the extension of the vehicle replacement cycle. Officers will monitor actual savings/costs and include these in future updates.

3.12 Appendix B includes a projection of the capital costs and the phasing of expenditure over 2023/26 subject to progression of formal procurement exercises.

Peatland Restoration

3.13 Healthy peatland has the ability to lock up and store huge amounts of carbon for very long periods of time. However, around 80% of Scotland's peat is degraded through drainage and other detrimental land management and is emitting carbon rather than storing it.

3.14 Inverclyde Council has two land holdings in Clyde Muirshiel Regional Park (https://clydemuirshiel.co.uk/about/map-4/), Dowries and Hardridge Farms, both of which have large areas of peatland. In 2022 Peatland Restoration Feasibility Studies, funded by NatureScot, were undertaken for both sites and identified significant areas that would benefit from restoration work, thereby contributing to Net Zero ambitions.

3.15 In support of national targets for peatland restoration, the Scottish Government has allocated £250m over 10 years through the Peatland Action Fund, administered by NatureScot. Some of the money funds officers to support local authorities and private landowners undertake restoration, while the rest 100% funds feasibility work through to on-site delivery. As such, subject to a successful application and funding allocation, any works undertaken at Dowries and Hardridge could come at no capital cost to Inverclyde Council.

3.16 The Glasgow & Clyde Valley (GCV) Green Network, of which Inverclyde Council is a partner, has recently appointed a Peatland Action Officer, funded through the Peatland Action Fund, to increase the scale and rate of restoration across Glasgow City Region. If approved, Dowries and Hardridge and will be two of the first projects taken forward by the officer who would lead on all aspects of the work, other than procurement, on the Council's behalf.

3.17 Although the work has the potential to be fully grant funded, the way in which the system works means that the initial outlay must first come from the landowner before being reimbursed through the Peatland Action Fund (https://www.nature.scot/doc/peatland-action-application-form-and-guidance-applicants).

3.18 The season in which works can take place runs from early autumn through to March. The number of days estimated to undertake the work, 65 and 477 for Dowries and Hardridge respectively, means it is unlikely both sites could be fully completed in a single season. The options currently being considered include progressing a series of separate projects procured annually over a period and/or developing a project involving multiple locations in a single contract to be delivered across a multi-year programme and funding bid. Officers are currently engaging with the CGV Green Network Partnership on developing the programme options and detailing the activities required to progress the proposals and allow procurement of a suitable contractor(s).

3.19 The table included as Appendix C sets out the estimated costs for peatland restoration work at Dowries and Hardridge Farms subject to a competitive tendering process. Appendix B includes reference maps based on a 3 year approach, however, as outlined above individual projects across a 2/3 year programme are also being explored. The overall programme will be dependent on the ability to obtain necessary consents/approvals and develop the project to tender stage should approval to proceed to be obtained.

Greenhouse Gas Emission Reporting

3.20 In 2015 the Scottish Government brought into force powers in the Public Bodies Duties section of the Climate Change (Scotland) Act 2009 to introduce mandatory annual reporting on climate change for 'major players' in the public sector, including local authorities. In May 2019, the Committee on Climate Change, in a request from the Governments of the UK, Scotland and Wales, advised on reassessing the UK's long term greenhouse gas emissions targets. It advised on new emissions' targets for the UK of net zero by 2050 and in Scotland net zero by 2045. The targets in Scotland reflects its greater relative capacity to remove emissions than the UK as a whole. Following this, the Scottish Government declared a climate emergency and set a net zero target year for Scotland of 2045.

3.21 The climate change reporting data submitted by the Council in November 2022 shows that, from a baseline of 2012/13, the Council has made good progress in reducing its carbon emissions. By 2021/22, the Council has reduced its greenhouse gas emissions from 19,104 tonnes in 2012/13 to 11,705 tonnes, a reduction of 39%. It should be noted, however, that there is a degree of fluctuation through the period 2018/19 to 2021/22 where emissions figures have not followed a continuous downward trend. The main reasons for this are linked to the slowing down of the Council's capital programme and completion of major asset strategies, the impact of COVID on Council operations during the pandemic and subsequent recovery, and changes in the methodology for calculation of CO2 related to 'Well to Tank' Greenhouse Gas Conversion Factors associated with electricity, gas, and fuels applied from 2019/20. This is defined as the emissions associated with the extraction, refining and transportation of primary and raw fuel sources before their use in the generation of electricity or to an organisations site (or asset) prior to combustion and only applied from 2019/20 onwards, though in reality would have been present back to the baseline year of 2012/13 at similar levels.

3.22 The Committee is requested to note that the decisions made in the March 2023 budget involving the responsibility for gas and electricity utility charges for the Leisure Estate moving from Inverclyde Leisure to Inverclyde Council will result in the 2023/24 climate change returns showing a significant increase in emissions given that these assets were not reflected in previous years or in the 2012/13 baseline. A more in-depth analysis of the emissions figures is currently ongoing and will be a continued focus of the new Energy & Climate Change Team to allow prioritisation of available resources and inform the projects being taken forward through the current and future Net Zero Action Plans.

The Heat Networks (Heat Network Zones and Building Assessment Reports) (Scotland) Regulations 2023

3.23 The above regulations came into force on 30 May 2023 and introduced a new duty on Scottish public authorities: a duty on the owners of all public-sector non-domestic buildings to complete a Building Assessment Report (BAR). The completed BAR report must be sent to the relevant local authority and Scottish Ministers, and will help local authorities to identify areas particularly suitable for the development of heat networks (a duty on local authorities also specified by the above regulations).

3.24 An item will be added to the Net Zero Action Plan addressing the completion of a BAR for all non-domestic Council buildings with an annual heat demand over 73mWhr/y. The initial BARs are to be submitted as soon as reasonably practicable and thereafter at intervals of 5 years. The primary purpose of BARs is to inform heat network zone designation work as part of the development of Local Heat and Energy Efficiency Strategies (LHEES).

4.0 PROPOSALS

4.1 The Committee are asked to note the progress on the specific actions of the 2022/27 Net Zero Action Plan included as Appendix A and note that relevant reports will be brought back for Committee consideration as and when required.

4.2 The Committee is requested to approve the proposed change in the current vehicle replacement policy for cars and light vans and the extension from 5 to 7 years. The Committee is also requested to approve the allocation of £0.373m from the current Net Zero Capital allocation for the additional cost connected with the purchase of ULEVs and associated charging points, to align the current vehicle replacement strategy with Scottish Government targets for the removal of petrol and diesel cars from the fleet by 2025 and the phasing out of vehicles under 3500kg by 2025. The Committee is requested to note that this is for the current funded capital programme period only i.e. 2023/26 with the ability to continue this strategy and commitment beyond that period subject to future budget setting exercises and capital allocations.

4.3 The Committee is requested to approve the progression of the peatland restoration projects at Dowries and Hardridge Farms and the allocation of £0.787m from the current Net Zero Capital allocation. The Committee is requested to note the potential for external funding support which will also be taken forward by officers.

4.4 The Committee are asked to note the position with the annual climate change reporting as outlined in 3.20-3.22 above and the on-going developments in the area of policy outlined in 3.23-3.24 above impacting the delivery framework for Net Zero and the additional duties for public authorities.

5.0 IMPLICATIONS

5.1 The table below shows whether risks and implications apply if the recommendation(s) is(are) agreed:

SUBJECT	YES	NO
Financial	X	
Legal/Risk	X	
Human Resources		X
Strategic (Partnership Plan/Council Plan)		X
Equalities, Fairer Scotland Duty & Children/Young People's Rights & Wellbeing		X
Environmental & Sustainability	X	
Data Protection		X

5.2 **Finance**

As indicated above there are expected to be fuel savings but increases in maintenance and replacement costs with the move to ULEV fleet. These will be monitored and included in future reports
One off Costs

Cost Centre	Budget Heading	Budget Years	Proposed Spend this Report (£000)	Virement From	Other Comments
VRP (ULEV)					
Net Zero	E&R Capital	2023/24 2024/25 2025/26	103 121 149	- - -	From £3.65m allocation
Peatland					
Net Zero	E&R Capital	2023/26	787	-	Phasing tbc, possible 100% external grant funding

Annually Recurring Costs/ (Savings)

Cost Centre	Budget Heading	With Effect from	Annual Net Impact (£000)	Virement From (If Applicable)	Other Comments

5.3 **Legal/Risk**

The Climate Change (Scotland) Act 2009 set a target to reduce greenhouse gas emissions by 80% by 2050 from a 'baseline' year of 1990. Scotland, in 2019, became one of the first countries in the world to declare a 'climate emergency' and amended the Climate Change (Scotland) Act 2009, to set a new legally binding, national target to reduce net greenhouse gas emissions by 75 percent by 2030 and then to reach net zero by 2045.

The Climate Change (Duties of Public Bodies: Reporting Requirements) (Scotland) Amendment Order 2020' requires public sector bodies to declare a target date for achieving zero direct

emissions of their greenhouse gases and annually report on their progress in achieving this.

The Council's External Auditors have confirmed that the Council's response to Net Zero will form part of the forthcoming revised Best Value process to commence in 2023/24.

The proposals at 4.3 involve land in the ownership of the Council and under the management of tenants through an agricultural lease arrangement. Property Services are currently engaged with Legal & Democratic Services on a review of the existing leases which date back to the former Regional Council and which are running on tacit. Full planning permission is not required for peatland restoration projects which are covered under permitted development rights, however a two stage prior notification / prior approval process is required through the planning authority.

5.4 **Human Resources**

There are no human resources issues arising from this report.

5.5 **Strategic**

There are no direct strategic implications as a result of this report.

5.6 **Equalities, Fairer Scotland Duty & Children/Young People**

(a) Equalities

This report has been considered under the Corporate Equalities Impact Assessment (EqIA) process with the following outcome:

X	YES – Assessed as relevant and an EqIA is required.
	NO – This report does not introduce a new policy, function or strategy or recommend a substantive change to an existing policy, function or strategy. Therefore, assessed as not relevant and no EqIA is required. Provide any other relevant reasons why an EqIA is not necessary/screening statement.

(b) Fairer Scotland Duty

Has there been active consideration of how this report's recommendations reduce inequalities of outcome?

	YES – A written statement showing how this report's recommendations reduce inequalities of outcome caused by socio-economic disadvantage has been completed.
X	NO – Assessed as not relevant under the Fairer Scotland Duty.

(c) Children and Young People

Has a Children's Rights and Wellbeing Impact Assessment been carried out?

Where this implication is applicable, the CRWIA process must be followed. If the subject matter of the report requires a CRWIA, it must be referenced as a background paper and if available on the website, the link should be provided.

	YES – Assessed as relevant and a CRWIA is required.
X	NO – Assessed as not relevant as this report does not involve a new policy, function or strategy or recommends a substantive change to an existing policy, function or strategy which will have an impact on children's rights.

5.7 **Environmental/Sustainability**

The Councils Net Zero Strategy will be implemented through the 2022/27 Action Plan, which provides the objectives and associated actions that will target the Carbon Reduction Actions over the five years of the plan.

Vehicle Replacement (ULEV): The 70 ICE vehicles cover approximately 650,000 miles per annum consuming approximately 107,000 litres of diesel. The usage figures are approximate due to the variations over the past two years due to the pandemic. 107,000 litres of diesel being burnt equates to 316 tonnes of CO_2 emissions per annum. It should be noted however that the reduction in the 2023/26 period will be proportional to the number of vehicles replaced in each of those financial years.

Peatland Restoration: Offsetting is an action intended to compensate for the emission of greenhouse gases into the atmosphere, and within a net zero context, the relevant offset projects are those which actually remove greenhouse gases including carbon from the atmosphere and prevent their re-emission into the atmosphere. Woodlands, peatlands and saltmarsh in particular store vast quantities of carbon, preventing its release into the atmosphere as carbon dioxide provided these natural habitats remain in good condition. Carbon emission savings from peatland depends on the condition of the peatland, ranging from 2-20 tonnes of CO_2 per hectare (ha) per year. The feasibility reports prepared to date based on the IUCN Field Protocol indicate that complete restoration of the peatland at Dowries would result in an annual emissions reduction of 279 t CO_2/yr and complete restoration of the peatland at Hardridge would result in an annual emissions reduction of 2,161.1 t CO_2/yr.

Has a Strategic Environmental Assessment been carried out?

	YES – assessed as relevant and a Strategic Environmental Assessment is required.
X	NO – This report does not propose or seek approval for a plan, policy, programme, strategy or document which is like to have significant environmental effects, if implemented.

5.8 **Data Protection**

Has a Data Protection Impact Assessment been carried out?
Where applicable, the corporate DPIA process must be followed. If the subject matter of the report requires a DPIA, it must be referenced as a background paper and if available on the website, the link should be provided.

	YES – This report involves data processing which may result in a high risk to the rights and freedoms of individuals.
X	NO – Assessed as not relevant as this report does not involve data processing which may result in a high risk to the rights and freedoms of individuals.

6.0 CONSULTATION

6.1 Consultation has been undertaken with the Council Officers who form the Climate Change Working Group. The Corporate Management Team have been consulted on the contents of this report.

6.2 The tenants of the farms involved were consulted during the original NatureScot Feasibility Studies. Further consultation / engagement is planned subject to approval to proceed with the peatland restoration proposals.

7.0 BACKGROUND PAPERS

7.1 Peatland Restoration Plan for Dowries Farm 2022 – 3E Services March 2022.
Peatland Restoration Plan for Hardridge Farm 2021-22 – 3E Services March 2022.
Scottish Government climate change reporting template 2021/22.

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links

	1. Carbon Reduction Action Area: Governance							
	Leadership							
1.1	Work with all Council Services and key partners including the Scottish Government to improve the quality of our emissions data and reporting mechanisms, and reduce carbon emissions annually, to reach Net Zero by 2045	Net Zero Strategy; Climate Change Reporting	Chief Executive; Partners including Scottish Government	Annual Climate Change Reporting to the Scottish Government: Council's total annual corporate emissions	2012/13 emissions	Continue to reduce carbon emissions annually to reach Net Zero as soon as possible	Annual	2.1; 2.5; 3.1
Progress update – June 2023: The climate change reporting data submitted by the Council shows that, from a baseline of 2012/13, the Council has been steadily reducing its carbon emissions. By 2021/22, the Council has reduced its greenhouse gas emissions from 19,104 in 2012/13 to 11,705 tonnes, a reduction of 39%.								
1.2	Embed our aims to tackle Climate Change and to achieve emission reductions within our Council Corporate Plan and Inverclyde Outcomes Improvement Plan (IOIP)	Council Corporate Plan; IOIP	Corporate Policy & Performance Team	Council Corporate Plan and IOIP	Outcomes within IOIP 2017–2022	Key objectives and organisational priorities within the Council Corporate Plan	2023	1.2; 2.1; 2.5; 3.1
Progress update – June 2023: New Inverclyde Council Plan 2023-28 and Inverclyde Alliance Partnership Plan 2023-33 approved April 2023. The Partnership Plan includes the outcome "Our natural capital is looked after, and we are effectively adapting and mitigating the effects of climate change" with the Council Plan including "Our natural environment is protected" as a key outcome. A strengthened performance management approach for the Council Plan will include regular updates on progress against our carbon reduction aims. The Council Plan links column has been updated to reflect the new plan themes and outcomes.								

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
1.3	Work with partners / ALEO's to encourage them to take action to reduce their own carbon footprint; add this requirement to the terms and conditions associated with grants awarded by the Council, Area Partnerships, procurement contracts etc.	Net Zero Strategy; Procurement Strategy	Climate Change Group; Procurement Manager; Regeneration Manager	N/A	N/A	N/A	2022 / ongoing	2.1; 2.5; 3.1
Progress update – June 2023: Continue to work with Inverclyde Leisure on utility consumption reduction measures including optimising use, staff behaviour change, and options for physical asset interventions. Work has commenced in relation to making amendments to the council terms and conditions. A Net Zero section has been added to the updated contract strategy that will mandate consideration within all procurement exercises. 12 Designated Procurement Officers (DPO) across Services have registered to attended or have completed the climate literacy training. The council have encouraged the use of net zero within specification development where it is relevant, proportionate and cost effective to do so. Annual reporting of procurements influences and contribution that support the delivery of the Net Zero and circular economy agenda.								
1.4	Review Council standard committee report format to introduce Environmental / Sustainability implications section to ensure elected members and other readers of reports are alerted to any carbon, climate change or sustainability impacts	Net Zero Strategy	Head of Legal, Democratic, Digital & Customer Services	Production of new report template and guidance		New templates and guidance is in place	2022	2.1; 2.5; 3.1
Progress update – June 2023: New Committee report format in place and approved by June 2022 Policy & Resources Committee (minor changes agreed May 2023).								

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
1.5	Inclusion of a new e-learning module on the Climate Emergency, recommended for all Council employees; explore options to make this available to community / third sector organisations, via the wider e-learning platform	Net Zero Strategy	Human Resources & Organisational Development Team	Production of e-learning module on the Climate Emergency		E-learning module on the Climate Emergency in place	2023	3.1; 3.2
Progress update – June 2023: Currently linking with other Councils on the potential on working collaboratively in the development of an E-Learning module for Net Zero. Guidance has been developed by the Service which will be utilised for the development of modules and promoted to employees via ICON and other media channels.								
1.6	Ensure that training in carbon efficiency behaviours is provided to all new Council employees via the staff Induction process	Net Zero Strategy; Staff Induction process	Human Resources & Organisational Development Team	Introduction of Induction training in carbon efficiency behaviours for all new staff		Induction training in carbon efficiency behaviours is in place	2023	3.1; 3.2
Progress update – June 2023: The induction module is being reviewed to include guidance around carbon efficiency behaviours.								

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
	Funding							
1.7	Work with our partners including the Scottish Government to focus specific funding, measures and resources to address Climate Change at local level	Net Zero Strategy	IC Budget Strategy; Scottish Government (SG)	Specific funding, measures and resources to address the Climate Change projects at local level	N/A	Dedicated funding, measures and resources to address Climate Change projects at local level	Annual	2.1; 2.5; 3.1

Progress update – June 2023:

The Councils Environment & Regeneration Capital programme reflects the allocation of resources approved by Inverclyde Council on 2nd March 2023 including £3.3m to address the progression of the agreed 2022/27 Net Zero Action Plan. £0.99m grant funding has been secured through the Low Carbon / Vacant & Derelict Land Investment Programme (VDLIP) to support the delivery of the Learning Disability Community Hub project including the low carbon design approach. The £1.734m Port Glasgow Community Hub (refurbishment of King George VI building) funded through the Regeneration Capital Grants Fund (RCGF) also includes piloting a low carbon approach. The report being submitted on the Peatland Restoration proposals also notes the potential to access the Scottish Government Peatland Action Fund.

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
	Procurement							
1.8	Continue to implement and refresh the Procurement strategy, to ensure that goods and services are procured ethically and responsibly, from ethical and sustainable sources, including through the supply chain and sub-contractors	Net Zero Strategy; Procurement Strategy	Procurement Manager	Procurement Strategy Action Plan	Limited use of previous policy	Production, adoption and implementation of an updated Sustainable Procurement Policy	Dec 2022	2.1; 2.5; 3.1
Progress update – June 2023: Procurement strategy 2022-25 continues to be implemented and contains a sustainability and social value priority. Spend analysis will continue to be reviewed and will be supported within 2023/24 using sustainable tools such as the: Flexible Framework assessment tool; Prioritisation Tool; Sustainability Test. Continue to implement and deliver the fair work fits action plan. Fair Work First criteria is now mandatory in all council procurement exercises (Works >£250k / Goods & Services >£25k).								
1.9	Produce and implement a new community benefits in procurement procedure, set out in an updated Social Value Strategy	Net Zero Strategy; Procurement Strategy; Social Value Policy	Procurement Manager	Production of an updated Social Value Policy		Production, adoption and implementation of an updated Social Value Policy	Dec 2022	1.1; 1.2; 1.4; 2.1; 2.3; 3.1
Progress update – June 2023: Social Value policy was presented at E&R committee on 22 October 2022 for noting and approved at P&R committee on15 November 2022. Social Value policy has been fully implemented on possible contracts and success will be captured, monitored, and reported as part of the procurement annual report. The next phase of developing the social value policy into a community-based solution that supports community wealth building is underway and will be implemented in 2023/24.								

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
1.10	Implement Flexible Framework assessment tool; • Prioritisation Tool; • Sustainability Test	Net Zero Strategy; Procurement Strategy	Procurement Manager	Procurement Strategy Action Plan		Implementation of flexible framework assessment tool	Feb 2023	2.3; 2.5; 3.1
Progress update – June 2023: As outlined in Action 1.8. Spend analysis continues to be the main tool in relation to understanding spend patterns and potential for rationalisation etc.. Progress has been limited in relation to the implementation and use of sustainable tools given other priorities, however the following tools will be implemented during financial year 2023/24: Flexible Framework assessment tool; Prioritisation Tool; Sustainability Test.								
	Education and Learning							
1.11	Continue to support school staff to increase their confidence in embedding 'Learning for Sustainability' (LfS) into the curriculum by working with partner agencies to organise opportunities to share practice	LfS as part of Curriculum for Excellence	Education; national education partners; external partners agencies	Net Zero Strategy objectives embedded into 'LfS' element of school curriculum		Net Zero Strategy objectives embedded into 'LfS' element of school curriculum	Ongoing	1.1; 2.1; 2.3; 2.5
Progress update – June 2023: Career Long Professional Learning (CLPL) has been promoted with staff throughout the year, delivered online by Education Scotland and West of Scotland Education Development Centre (WOSDEC) with a focus on embedding Global Citizenship into the curriculum. Five clusters participated in the Keep Scotland Beautiful Dandelion Project. This project provided secondary schools with a growing cube. Through this project, all schools were provided with seed potatoes allowing pupils to grow these at home and then use these for transition projects with P7. In November 2022, pupils from Kilmacolm Primary School and St Columba's High School presented to Elected Members at the Education Committee to showcase how learning for sustainability is integrated into the curriculum.								

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
1.12	Support and expand the 'Eco-Schools' programme in Inverclyde schools	Curriculum for Excellence	Education; external partners	Levels of participation in 'Eco-Schools' activity; eco-projects delivered in schools	Currently 38nr schools / early years facilities registered and 9nr have Green Flags	Increased levels of participation in 'Eco-Schools' activities; more Green Flag Awards; more eco-projects delivered in schools	Annual	1.1; 2.1; 2.5

Progress update – June 2023:
There has not been an increase in the number of schools/early years establishments registered as an eco-school and there are still 9 schools/early years establishments who have a green flag. Establishments are working towards achieving their flag. Five clusters participated in the Keep Scotland Beautiful Dandelion Project which had a focus on learning for sustainability.

| On-going | Complete |

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
1.13	Improve sustainability and recycling in schools including reduction / elimination of single-use plastic packaging, a greater selection of recyclable materials across school catering services, improved recycling in schools		Facilities Management; Education; Cleansing Services	Quantities of single-use plastic packaging purchased; quantities of recyclable materials across school catering services; recycling facilities in schools		No single-use plastic packaging in school canteens; increased quantities of recyclable materials across school catering services; recycling facilities in all schools	Annual	2.5; 3.1

Progress update – June 2023:
School/Council kitchens no longer use single use plastic food packaging/cutlery with options being investigated for water in secondary schools (e.g. in cans or cartons). Water is now supplied in jugs within Primary Schools with same options as secondary being considered for providing water for school trips etc.. Currently liaising with main cleaning consumables supplier, Unico, on recycling/reuse options for 5 litre containers (majority of cleaning chemicals are supplied via these).

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
1.14	Reduction of food waste within secondary schools through introduction of pre-ordering system		Facilities Management; Education	Quantities of food purchased		Preparation of pre-ordered food only	2023	2.5; 3.1

Progress update – June 2023:
Pre-order system funding has now been approved through Digital Modernisation Project Board and Service working alongside Procurement to tender and implement during school session 2023/24.

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
1.15	Continue to source local food and achieve the Soil Association's *Food for Life Served Here* award; and promote/ensure more plant-based food options in schools, including 'meat free' days and vegan options		Facilities Management; Education	Achieving the *Food for Life Served Here* award; food options available in school canteens	Food for Life Served Here Bronze award has been achieved by IC for past 4 years	Achieve *Food for Life Served Here* Silver award; more plant-based food options are available in schools, including promoted 'meat free' days and vegan options	Annual	1.3; 2.1; 2.5; 3.1

Progress update – June 2023:
We have been awarded our 5th year Bronze Food for Life award in May 2023, meat free days are available every day in school.

	Sustainable Transport & Active Travel							
1.16	Work in partnership with our communities to identify local travel and transport solutions and to ensure a fair and just transition to a carbon neutral Inverclyde; explore options for shared community transport options, particularly for our rural communities	Local Transport Strategy (LTS)	Roads Services; partners & stakeholders including, Community Councils, Tenants & Residents Associations	Community involvement in decision-making over local transport and travel solutions	Travel and transport actions in LTS	Community approved travel & transport actions	2022 / ongoing	1.3; 2.1; 2.5; 3.1

Progress update – June 2023:
Paused awaiting confirmation of Paths for All budget.

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
1.17	Continue the promotion of sustainable transport options in Inverclyde	LTS	Roads Services and other external partners	Awareness levels from Residents' Survey; number of behaviour-change interventions produced		Increased levels of awareness from Residents' Survey; increased number of behaviour-change interventions produced	Annual	1.3; 2.1; 2.5; 3.1
Update: Health Centre and council offices surveys have been undertaken and travel plan options have been prepared. On-going programme of cycling, walking and wheeling interventions.								
1.18	Continue the roll-out of new Electric Vehicle (EV) chargepoints around the area; develop management and maintenance of existing chargepoints	Electric Vehicle chargepoint (EVCP) strategy; LTS; LDP and relevant Planning Policy	Roads Services; Transport Scotland (ChargePlace Scotland); Planning Service; partners	Number of EV chargepoints installed and in good working order		A Journey (Rapid) charger in each of our 3 largest towns; An increasing number of on- and off-street destination chargers for residential use	2022 / ongoing	2.1; 2.3; 2.5; 3.1
Progress update – June 2023: Glasgow City regions study into funding models being progressed and future procurement and development of a strategy complete with a range of options for consideration.								

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
1.19	Support the switch to Electric Vehicles (EVs) in Inverclyde	Electric Vehicle chargepoint strategy	Roads Services; key partners and stakeholders	Nr of electric vehicles registered, as a proportion of the total number of licensed vehicles in Inverclyde		Increased use of EVs	2022 / ongoing	2.1; 2.5

Progress update – June 2023:
Glasgow City regions study into funding models being progressed and future procurement and development of a strategy complete with a range of options for consideration.

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
1.20	Develop guidance for the specification and installation of EV chargepoints in new developments (including for new flatted/ communal parking in developments)	EV chargepoint Strategy; LTS; LDP / Supp. Planning Guidance	Roads Services; Planning Service; partners	EV Strategy and guidance		Implementation of EV Strategy and guidance	2022 / ongoing	2.1; 2.5

Progress update – June 2023:
Service will work with planning on this.

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
1.21	Work with NHS to implement Green Travel Plans for staff, and work up a promotional campaign with rewards e.g. Sustrans' Scottish Workplace Journey Challenge		Roads Services; NHS	Nr of Green Travel Plans for Staff produced for businesses / employers; Nr of staff travelling by active & sustainable Modes		Increasing number of Green Travel Plans for Staff produced for businesses /employers; increasing number of staff travelling by active & sustainable modes	2023 / ongoing	1.3; 2.1; 2.5; 3.1
Progress update – June 2023: On-going development of travel plans for council building and Health and Care Centres.								
1.22	Progress implementation of the Segregated Active Travel Corridor between Greenock & Port Glasgow	LTS; LDP	Planning Service; Roads Services; developers; Sustrans; SPT	Segregated Active Travel Corridor progressing		Segregated Active Travel Corridor being implemented and being used	Ongoing	1.3; 2.1; 2.5; 3.1
Progress update – June 2023: Segregated path through East India and Victoria harbour complete, on-going design and development of future sections of this project.								

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
1.23	Implement the actions in the Active Travel Improvement Plan (ATIP)	ATIP	Roads Services; Sustrans; Cycling Scotland; funding partners; community partners	Community initiated projects are incorporated into future LTS and implemented		Community initiated projects are incorporated into future LTS and implemented	Ongoing	1.3; 2.1; 2.5; 3.1
Progress update – June 2023: Active Travel action plan has been updated and progress assessed.								

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
1.24	Improve management and maintenance of walking routes and the Core Path Network, continue to improve path surfaces to ensure access for all abilities, constructed for climate resilience (e.g. porous surfaces); ensure that our places encourage walking, with well-maintained streets, paths and public spaces that are fully accessible and fit for purpose; pedestrian priority; information on walking routes; walking/ pedestrian infrastructure	Core Paths Plan; ATIP	Ground Services; Property Services; Roads Services; funding partners; Inverclyde Local Access Forum	Core Paths Audits data		Improved management and maintenance of Core Paths Network as per Core Paths Audits	Ongoing	1.3; 2.1; 2.5; 3.1
Progress update – June 2023: Active Travel action plan has been updated and progress assessed.								

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
1.25	Work with partners to improve cycling route connectivity and safety, particularly to connect rural communities to larger settlements and/or public transport hubs and connectivity to local amenities	ATIP	Roads Services; funding partners; local cycle groups	Progressing connecting cycle routes		Connecting cycle routes are being implemented and being used	Ongoing	1.3; 2.1; 2.5; 3.1
Progress update – June 2023: On-going discussion with funding partners to develop future schemes.								
1.26	Work in partnership with our communities to identify Green Network Connections initially between Greenock Town Centre and Lady Octavia and Greenock Cut car park	Green Network Connections Project	Roads Service; Planning Service and Sustrans	Outline designs	Existing network	Reduction in Carbon Emissions	2024	1.3; 2.1; 2.5; 3.1
Progress update – June 2023: On-going project with community consultation to create active travel route from Lady Octavia to Greenock and Overton to Greenock. Future projects to be programmed.								

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
1.27	Ensure connectivity of residential areas with local sustainable transport modes, including buses / bus stops, to reduce reliance on the car; maps of routes available to new residents to encourage active travel	LTS	Roads Services; Transport Services; Planning Service; SPT and other partners	As per LTS		As per LTS	Ongoing	1.3; 2.1; 2.5; 3.1

Progress update – June 2023:
Paused awaiting confirmation of Paths for All budget.

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
1.28	Ensure that Core Path network, active travel network and wider path network are integrated and connect residential areas (including new developments) with settlement amenities, destinations, parks/open space, transport hubs; path networks in and around settlements should include shorter recreational circuits; paths constructed for climate resilience (e.g. porous surfaces)	Core Paths Plan; LTS / ATIP; LDP	Outdoor Access Forum; Roads Services; Planning Service	Length of Core Paths and length of promoted active travel routes; path and active travel connectivity	Current length of Core Paths and length of promoted active travel routes	Increased length of paths & active travel routes; particularly in urban/semi-urban areas; increased path & active travel connectivity	Ongoing	1.3; 2.1; 2.5; 3.1

Progress update – June 2023:
Continued programme of active travel routes to connect communities.

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
	Town and Village Centre Regeneration							
1.29	Continue to support Town and Village Centres to develop and enhance our town and rural centres	LDP; Corporate Plan	Planning Service; Economic Development & Strategic Investment; Roads Service and other partners	As per LDP and Corporate Plan		As per LDP and Corporate Plan	Ongoing	2,1; 2.3; 2.4; 3.1
Progress update – June 2023: Continued programme of footway regeneration. Port Glasgow complete and Kilmacolm on-going and Greenock in development.								
1.30	Digital Towns – Continue to support measures to ensure that all town and village centres have the appropriate future-proofed infrastructure required to enable Inverclyde to have the most digitally-connected local economy and communities.	LDP; Corporate Plan	Economic Development and Strategic Investment; Planning Service; Roads Service and other partners	As per LDP and Town Centre Strategies		As per LDP and Corporate Plan	Ongoing	1.2; 2,1; 2.3; 2.4; 3.1
Progress update – June 2023: No progress to report this cycle.								

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
	Climate Adaptation							
1.31	Implementation of Glen Mosston Wildlife Reserve Flood Attenuation	Flood Risk Management Strategy	Roads Services	Progress Flood Protection Scheme		Reduce flooding incidences	Ongoing to 2023	2.5
Progress update – June 2023: Works are complete.								
1.32	Implementation of Gotters Water Flood Prevention Scheme	Flood Risk Management Strategy	Roads Services	Progress Flood Protection Scheme		Reduce flooding incidences	Ongoing to 2023	2.5
Progress update – June 2023: Works are on-going and programmed to be complete in 2023.								

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links

	2. Carbon Reduction Action Area: Significant Carbon Emitters							
	Energy Use in Buildings							
2.1	Review / manage IC estate and operations to reduce emissions towards achieving Net Zero: energy efficiency, electricity, heat	Net Zero Strategy; IC Climate Change Reporting	Climate Change Group – all relevant Service Areas; Scottish Government	Emissions reduction towards Net Zero for energy efficiency	2012/13 emissions	Reduce carbon emissions annually to reach Net Zero as soon as possible	Annual	2.5; 3.1
Progress update – June 2023: Undertake a review of policies and guidance around energy use within assets e.g. mandatory heating shut down periods, optimising building controls. Undertaken in conjunction with actions below and within Awareness and Behaviour Change section.								
2.2	Continue Asset Management and New Ways of Working (NWoW) Pilot; review of operational assets and rationalisation; shift towards flexible, mobile working, to reduce energy costs and carbon footprint. Maximise opportunities presented by digital transformation	Council Asset Strategy & Management Plans; New Ways of Working Pilot; Workforce Plan	Strategic Asset & Capital Plan Management; New Ways of Working Project Board	Proportion of staff undertaking flexible / mobile working	N/A	Increased asset office rationalisation; Property Asset Strategy; increased proportion of staff undertaking flexible / mobile working; and increased sharing of assets	2022 / ongoing	2.4; 2.5; 3.1
Progress update – June 2023: James Watt building vacated by end of March 2023 as part of NWoW initiative. Delivering Differently / Change programme activity also targeting vacating Ingleston Park building Admin Block by end of March 2024. Further asset rationalisation / utilisation studies to be undertaken to inform future work streams.								

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
2.3	Prepare, publish and update a Local Heat and Energy Efficiency Strategy (LHEES) and Delivery Plan	Local Heat and Energy Efficiency Strategies (Scotland) Order 2022; Net Zero Strategy	Head of Physical Assets; local partners; DNOs; Scottish Government	Production of an Inverclyde Local Heat and Energy Efficiency Strategy and Delivery Plan	N/A	Production, adoption and implementation of an Inverclyde Local Heat and Energy Efficiency Strategy and Delivery Plan	Dec 2023	1.2; 1.5; 2.1; 2.3; 2.5; 3.1

Progress update – June 2023:
In process of completing Policy and Strategy Review and Stakeholder Engagement. Attended Scottish Government LHEES Capacity Building Workshops and Strategic Environmental Assessment event. Currently collating energy information for feasibility study of a district heating network project around the Greenock Waterfront area.

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
2.4	Continue to consider and work towards Scottish Government guidance on Net Zero Public Sector Building Standards when taking forward any new and substantially refurbished building projects	Corporate Asset Management Plan; Capital Plans; Net Zero Strategy	Head of Physical Assets; Climate Change Group	energy target value per kWh /sqm/annum for core hour / facilities use	N/A	Maximum 67/kWh /sqm/annum for core hour / facilities use	2023 / ongoing	2.1; 2.5; 3.1

Progress update – June 2023:
New Learning Disability Community Hub (new build) and King George VI Community Hub (refurbishment) projects both targeting 67/kWh/sqm/annum.

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
2.5	Continue to consider energy efficiency improvements and incorporation of low carbon technologies in Council owned buildings as part of capital programme maintenance and lifecycle replacement activity	Corporate Asset Management Plan; Capital Plans; Net Zero Strategy	Head of Physical Assets; Climate Change Group	Energy efficiency measures / improvements installed	N/A	Energy efficiency measures installed / improvements made in all Council buildings	2022 / ongoing	2.5; 3.1
Progress update – June 2023: Further phase of window replacement (phase 6) completed at Greenock Municipal Buildings (double glazed from single, improved u-values). Options for improved u-values being considered as part of Greenock Town Hall Re-Roofing and Window Replacement project currently at design stage.								
2.6	Continue to address upgrade to LED lighting and intelligent lighting controls in our buildings including grounds and outdoor sports facilities (all new assets specify LED as standard)	Corporate Asset Management Plan; Capital Plans; Net Zero Strategy	Head of Physical Assets	Number of facilities upgraded to LED	To be established	All facilities upgraded to LED	2022 – 2027 and beyond	2.5; 3.1
Progress update – June 2023: Commission request issued for LED upgrade at Inverclyde Academy, consultant appointment to be progressed. Commission request issued for school pitch floodlight upgrade (3 secondary schools), consultant appointment to be progressed.								

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
2.7	Identify solar PV opportunities for public buildings where technically feasible and payback periods support investment	Net Zero Strategy	Head of Physical Assets	Number of PV installations	16 nr installations total capacity 211.59 kW	Increased number of PV installations and kW generation capacity	2023 - 2027	2.5; 3.1
Progress update – June 2023: Fee quotations received for preparing detailed feasibility studies at 6 buildings which also includes LED upgrade assessment (2.6).								
2.8	Identify opportunities for lower emission alternatives to fossil fuel boilers for public buildings where existing boilers are reaching end-of-life, where technically feasible and considering existing building fabric performance	Capital Plans; Net Zero Strategy	Head of Physical Assets	Number of low / zero emission installations	5 nr properties with ASHP; 1 nr property with biomass	Increased number of low / zero emission installations	2022 - 2027	2.5; 3.1
Progress update – June 2023: Fee quotations received for preparing detailed feasibility studies at 3 buildings which also includes retrofit option appraisal (2.14) and LED upgrade assessment (2.6).								

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
2.9	Identify opportunities for replacement of gas catering equipment with efficient electric alternatives for public buildings where existing equipment reaching end-of-life and where technically feasible	Capital Plans; Net Zero Strategy	Head of Physical Assets; Facilities Management	Number of kitchens with gas equipment	N/A	No kitchens with gas equipment	2022 – 2027 and beyond	2.5; 3.1
Progress update – June 2023: Suitable electric alternative equipment for gas ranges has been identified in consultation with FM and suppliers. Condition assessment of catering equipment now required to prepare an indicative programme of replacement and allow electrical capacity checks to be undertaken in a phased/prioritised manner.								
2.10	Review current estate gas AMR provision and invest in additional devices where asset consumption patterns support investment	Net Zero Strategy	Head of Physical Assets	Number of assets with gas AMR	52 nr operational (2 nr half-hourly)	Increased number of assets with gas AMR	2023 / ongoing	2.5; 3.1
Progress update – June 2023: In the process of arranging the upgrade of gas AMRs to 'Platinum' level for all gas supplies, which provides half-hourly consumption data and will allow greater interrogation of when energy is used to allow optimisation.								

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
2.11	Review current estate electrical classification profiles to address non-half hourly metered sites, install 'Smart' or AMR meters across Profile Class 1-4 assets	Net Zero Strategy	Head of Physical Assets	Number of Profile Class 1-4 assets with 'Smart' or AMR meter	0 – currently only Profile Class O half-hourly available (32 nr)	Increased number of Class 1-4 assets with 'Smart' or AMR meter	2023 / ongoing	2.5; 3.1
Progress update – June 2023: A number of SMART/AMR meters have been installed as part of supplier programme and currently in process of arranging further installs to target school summer holidays.								
2.12	Investigate the feasibility of a web-based centralised platform to allow facility and energy management staff to monitor, analyse and predict the performance of buildings to minimise energy consumption, reduce costs and work towards net-zero targets	Net Zero Strategy	Head of Physical Assets	Number of assets linked to centralised platform	Limited ability to view / control data remotely. Installed equipment not used to full potential	Initial pilot involving 20-25 education buildings	2023/24	2.5; 3.1
Progress update – June 2023: In process of procuring new Cloud-based energy Monitoring & Targeting software over June/July 2023. Also investigating linking of Building Energy Management Systems for all major assets to allow visibility of real time usage and ability to centrally monitor/control.								

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
2.13	Continue to use benchmarking and historical data to identify the highest emission / energy consuming assets, commission targeted energy audits to inform programme of controls and other improvements	Net Zero Strategy	Head of Physical Assets	Number of targeted audits completed	2 audits completed to date	Increased number of audits completed – prioritising top 10 highest consuming assets	2022 / ongoing	2.5; 3.1

Progress update – June 2023:
The new Monitoring and Targeting software noted in 2.12 above will allow greater interrogation of the data to highlight poorer performance and sites to be targeted for energy audits.

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
2.14	Continue to investigate the implications of deep retrofit across the estate to identify potential solutions and associated capital costs including technical and logistical barriers to implementation	Net Zero Strategy	Head of Physical Assets	Number of detailed retrofit feasibility studies completed	2 studies currently in progress	Increased number of retrofit feasibility studies completed	2022 / ongoing	2.5; 3.1

Progress update – June 2023:
Two studies completed (Port Glasgow Municipal Buildings and St Joseph's Primary School). Further studies commissioned including Greenock Municipal Buildings and Waterfront Leisure Centre with data gathering phase on-going. Further study of a primary school (Kings Oak PS) in process of being scoped.

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
2.15	Increase resources to assist in the development of net zero policy / Local Heat and Energy Efficiency Strategy and plans, including the monitoring, control and reduction of energy use in buildings	Net Zero Strategy; Property Services Restructure; LHEES	Head of Physical Assets	Number of Energy / Carbon Management staff	Currently 1 Carbon Reduction Officer	Increased number of Carbon / Energy Management staff	2022 / ongoing	2.5; 3.1; 3.2
Progress update – June 2023: New Energy & Climate Change Team Leader commenced in post end May 2023. Recruitment for Energy & Climate Change Officer & Support Officer on-going.								
	Transport							
2.16	Review / manage each of the following aspects of IC estate and operations to reduce emissions towards achieving Net Zero: our Transport Fleet and Business Mileage	Net Zero Strategy; IC Climate Change Reporting	Climate Change Group – all relevant Service Areas; Scottish Government	Emissions reduction towards Net Zero for Transport Fleet and Business Mileage	2019/20 data – Grey Fleet 318 CO2e	Reduce carbon emissions annually to reach Net Zero as soon as possible	Annual	2.5; 3.1
Progress update – June 2023: A review of Pool Car high mileage users has been undertaken and those services with High Mileage users have been consulted. A report has been drafted and will be brought to the Corporate Management Team in 3rd Quarter 2023 for consideration.								

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
2.17	Implement an Ultra-Low Emissions Vehicles (ULEV) strategy for our Council vehicle fleet	Vehicle Replacement Programme; ULEV Strategy	Service Manager Grounds & Waste	ULEV Strategy implemented	N/A	ULEV Strategy implemented	2022	2.5; 3.1

Progress update – June 2023:
Report on the transition to ULEV's and review of the vehicle replacement programme phasing being submitted to Special June E&R Committee for consideration/approval. The strategy includes a proposed procurement programme linked to Action 2.18 below.

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
2.18	Continue to phase out petrol and diesel light commercial vehicles within the Council fleet as part of ULEV strategy and in line with Scottish Government targets	Vehicle Replacement Programme; ULEV Strategy	Service Manager Grounds & Waste	Numbers of ULEV light commercial vehicles in Council Fleet	Annual CO2e 2019/20 base – Car 27 / LCV 279	Replace the Council's light commercial vehicles with ULEV	2022 - 2025	2.5; 3.1

Progress update – June 2023:
The proposals to be considered are in line with the action at 2.17 above. All petrol and diesel cars removed from fleet by 2025 and phase out of light commercial vehicles subject to approval of report.

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
2.19	Continue the development of ultra low emissions vehicles (ULEV) options across the Council, including HGV fleet and utilisation of full electric vehicle (EV) and hybrid technology for pool cars and operational vehicles	VRP; ULEV Strategy	Service Manager Grounds & Waste	Numbers of ULEV vehicles in Council Fleet	Annual CO2e 2019/20 base – HDV 683	Replace the Council's fleet with ULEV wherever feasible	2022 – 2027 and beyond	2.5; 3.1

Progress update – June 2023:
The proposals to be considered are in line with the action at 2.17 above. HGV fleet and available option to be considered in a future report in line with Scottish Government 2030 targets. Pool car position subject to report as indicated in 2.16 above.

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
2.20	Continue the development of an electric vehicle charging strategy and expansion plan for Glasgow City Region	Electric Vehicle Charging Strategy (EVCS)	Head of Physical Assets / Roads Services	Number of EV chargepoints across the City Region area		Increased number of EV chargepoints installed across the City Region area	Annual	2.5; 3.1

Progress update – June 2023:
Glasgow City regions study into funding models and future procurement and development of a strategy complete with a range of options for consideration.

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
2.21	Continue the programme of installation of electric charging points for electric vehicles at all Council offices, depots, public buildings and car parks	Local Transport Strategy (LTS); EVCS	Head of Physical Assets / Roads Services	Number of EV chargepoints installed at Council buildings / public car parks	Currently 29nr + 4nr in planning. The first EV chargepoint was installed in 2015	Increased number of EV chargepoints installed at all Council buildings and public car parks wherever possible	2023 - 2025	2.5; 3.1

Progress update – June 2023:
Glasgow City regions study into funding models and future procurement and development of a strategy complete with a range of options for consideration. Additional 30 charging points proposed as part of Council fleet ULEV proposals.

	Streetlighting and Water							
2.22	Continue the programme of replacement of remaining white light / non-LED streetlights	RAMP; Net Zero Strategy	Head of Physical Assets / Roads Services	Percentage of assets LED	Currently 97.5%	100% - difficult locations, delayed projects etc.	Aug 2023	2.5; 3.1

Progress update – June 2023:
Works on-going, currently 99% complete.

| 2.23 | Review traffic signals for LED conversion and implement programme of conversion / replacement | RAMP; Net Zero Strategy | Head of Physical Assets / Roads Services | Percentage of assets LED | Currently 60% | 100% | Dec 2023 | 2.5; 3.1 |

Progress update – June 2023:
Review of existing infrastructure complete, now programming works.

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
2.24	Continue the regular review and monitoring of automatic meter reading (AMR) data showing water usage and correct for consumption anomalies and identified leaks	Net Zero Strategy	Head of Physical Assets	N/A	N/A	N/A	2022 / ongoing	2.5; 3.1
Progress update – June 2023: All water AMRs will be connected to the Monitoring and Targeting software referred to in 2.12.								
2.25	Review current estate water AMR provision and invest in additional devices where asset consumption patterns support investment	Net Zero Strategy	Head of Physical Assets	Number of assets with water AMR	15 nr operational	Increased number of assets with water AMR	2023 / ongoing	2.5; 3.1
Progress update – June 2023: A number of the existing AMRs for water are due to expire and data will potentially become unreliable. A benchmarking exercise is underway to identify priority sites for replacement and expansion of existing provision where appropriate.								
2.26	Continue to consider water saving devices and improvements in Council owned buildings as part of capital programme maintenance and lifecycle replacement activity	Corporate Asset Management Plan; Capital Plans; Net Zero Strategy	Head of Physical Assets; Climate Change Group	Water saving devices / measures installed	N/A	Water saving devices / measures installed in all Council buildings	2022 / ongoing	2.5; 3.1

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links

Progress update – June 2023:

Improvements will be identified from analysis of the Monitoring and Targeting data. Water efficiency will continue to be considered in specifications for new and refurbished assets including lifecycle activity.

	Waste							
2.27	Review of the impacts of our garden waste and food waste services	Waste Services	Service Manager Grounds & Waste	N/A	Pre service change years	Assessment of the carbon impact of service changes	Dec 2024	2.1; 2.5; 3.1

Progress update – June 2023:

A waste compositional analysis is planned using the pre Garden Waste Charges and fortnightly food waste collection service as baselines.

| 2.28 | Review our fortnightly co-mingled can, paper, plastic and card collection services in light of anticipated changes in material throughput | Waste Services | Service Manager Grounds & Waste | N/A | Current service delivery model | Following the introduction of Deposit Return Scheme (DRS) and emerging packaging interventions the review will assess the fit for purpose status of existing services | Mar 2025 | 2.1; 2.5; 3.1 |

Progress update – June 2023:

The service will engage with Zero Waste Scotland to undertake a review of services, the DRS has now been delayed until October 2025 so any impacts will not be apparent until after this date.

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
2.29	Improving the quality of our recyclable materials through targeted marketing and communications campaigns	Waste Services	Service Manager Grounds & Waste	% of household waste recycled	17%	12% - Identify and reduce contamination and offer additional improve materials quality	Mar 2024	2.1; 2.5; 3.1
Progress update – June 2023: The service is currently reviewing the communication campaigns. The waste compositional analysis will identify the types, levels, contamination and potentially target those areas where performance is poor.								
2.30	Increasing consumer options to enhance recycling at our main recycling centres	Waste Services	Service Manager Grounds & Waste	Increased facilities and routes for disposal	N/A	Identify materials streams for additional recycling not currently offered including reuse options where possible	Mar 2023	2.1; 2.5; 3.1
Progress update – June 2023: There is limited scope presently to increase the range of material streams at a reasonable cost. The emerging issue with persistent organic pollutants (POPs) in foams and textiles have significantly impacted in this sector.								

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
2.31	Dedicated commercial waste collection services and associated food and recyclate collections	Waste Services	Service Manager Grounds & Waste	N/A	Current service levels	Review commercial waste service and	Mar 2023	2.1; 2.5; 3.1

Progress update – June 2023:
A report was issued to Committee on the Commercial waste Services and prices have been reviewed to reflect costs.

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
2.32	Improve our recycling targets and work with SG to identify more relevant targets in the face of moving waste up the hierarchy	Waste Services	Service Manager Grounds & Waste	% of household waste recycled	48%	70% - With a reduction in traditionally recycled materials as a result of SG interventions work with ZWS and SEPA to identify long term target metrics	Dec 2027	2.1; 2.5; 3.1

Progress update – June 2023:
Recycling levels are increasing and heading towards pre pandemic levels. Baselining data to reflect service changes is being undertaken at 2.27. Target will need to be reviewed as material come out of the waste stream post implementation of the Deposit Return Scheme.

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
2.33	Review existing waste contract arrangements to meet Landfill Diversion ban	Waste Services	Service Manager Grounds & Waste / Procurement Manager	Compliant Contract	N/A New target from 2025	No more than 5% of Biodegradable Municipal Waste to be sent to landfill	Dec 2025	2.1; 2.5; 3.1

Progress update – June 2023:
A report has been prepared in relation to the landfill ban. Support has been provided by ZWS on some technical elements of the process.

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links

	3. Carbon Reduction Action Area: Awareness and Behaviour Change							
	Natural Environment							
3.1	The Council's Ranger Service to interpret / educate / raise awareness of climate change mitigation, adaptation and sequestration as part of their remit	IC Ranger Service Roles and Remit	Service Manager Grounds & Waste / IC Ranger Service	Engagement statistics	200 people per annum	Inclusion of interpretation / education / awareness-raising about climate change mitigation, adaptation and sequestration in ICRS remit and being implemented	Ongoing	1.1; 2.1; 2.5; 3.1

Progress update – June 2023:
This work is ongoing and has been well received. A content review is planned to ensure that information is current and appropriate.

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
3.2	Work in partnership with local community to look after the marine environment, including Inverclyde coast and beaches (e.g. beach cleans), including the responsible use and enjoyment of the coast	IC Ranger Service Roles and Remit	Service Manager Grounds & Waste / IC Ranger Service; Partners; Volunteers	Number of beach cleans / promotional events etc.	N/A	Maintain & increase numbers of beach clean events / promotional events etc. as appropriate	Ongoing	2.1; 2.5; 3.1

Progress update – June 2023:
There is an active and supportive network of volunteers and partners engaged at Clyde Muirshiel. Growing this support within existing resources will be undertaken.

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
	Circular Economy							
3.3	Work with Partners to support the establishment of Circular Economy Facilities including the provision of storage facilities	Forward: Public Library Strategy 2021-25	Inverclyde Libraries	Number of circular economy facilities	Toy / gardening equipment Library established in Central Library; Funding procured for Pilot hub in SW Library	Increased Number of circular economy facilities across the Council area	2025	1.2; 1.3; 1.5; 2.1; 2.5; 3.1
Progress update – June 2023: Toy and Garden resource Library established in Central Library. Funding procured through John Lewis Circular Futures Fund to establish hub. Hub established and launched, open to the public on Friday 2nd June 2023 – this is one of 9 dedicated hubs located across Scotland.								

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
	Active Travel							
3.4	Support schools to develop Bikeability Scotland training, to teach skills needed to cycle safely on roads, and 'Play on Pedals' (which aims to give all children the chance to learn to ride a pedal bike before they start Primary 1)	Active Travel Strategy; Active Inverclyde	Education; Community Safety and Resilience	Nr pupils undertaking Bikeability Scotland Level 1, 2 & 3 training, and 'Play on Pedals'	Nr pupils undertaking Bikeability training 2021-22: Level 1: 67 Level 2 (on road): 60 Level 2 (playground) : 326 Level 3: 0 Play on pedals: 0	Increased uptake of Bikeability Scotland [In 2023-24 Increased uptake of 'Play on Pedals' [In 2023-24]	Annual	1.1; 1.2; 1.3; 1.5; 2.1; 2.5
	Progress update – June 2023: Provisional numbers for 22-23 show a 66% increase in level 1 pupil numbers, a 2% decrease in level 2 (off road) pupil numbers, and a 7% increase in level 2 (on road) pupil numbers. Due to ongoing service pressures within the road safety team an alternative model of support to Educational establishments will be explored for both bikeability and play-on-pedals in the 2023-24 session.							

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
3.5	Active Travel to School campaign and promotion, including parking management around schools, and supporting modal shift from school buses to active travel wherever feasible	Active Travel Strategy; Active Inverclyde	Environmental Services; Education; Community Safety and Resilience	Nr pupils travelling to school by active travel modes (Sustrans Hands Up Scotland Survey data)	49.7% of pupils travelling actively to school in 2021 (Sustrans Hands Up Scotland Survey data)	Increased % of pupils travelling to school by active* travel modes (Sustrans Hands Up Scotland Survey data) *All school types and travel mode = walk, cycle, scooter/skate, park & stride	Annual	1.1; 1.3; 2.1; 2.5

Progress update – June 2023:
School Travel Plans have been prepared and issued to all schools in Inverclyde. They encourage active travel and public transport use and identify measures to improve the school and road environment. **Schools were issued with Active Travel Plans at the beginning of 2023 and the Community Safety & Resilience will advise and support them with the relevant suggested actions for the 2023-24 academic session.**

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
3.6	Support Bikeability cycle training for secondary school pupils throughout Inverclyde	Active Travel Strategy; Active Inverclyde	Roads Services: Sustrans; Cycling Scotland	Nr of Bikeability training sessions for secondary school pupils and number of participants	None at present	Increased numbers of Bikeability training sessions and participants	Annual	1.1; 1.2; 1.3; 1.5; 2.1; 2.5

Progress update – June 2023:
We continue to look at ways to introduce and support Bikeability in secondary schools and seek funding opportunities where possible.

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
	Awareness Raising & Engagement							
3.7	Support and expand the "Kind Climate" Collections and related programming for Schools as part of Libraries Inspire Schools programming		Inverclyde Libraries Education	Levels of participation in the Libraries Inspire kind climate collections and programming with schools	8 Primary schools in 2020/21; 16 schools registered 2021/22.	Increased levels of participation in the "Kind Climate" Libraries Inspire programme in Inverclyde Schools	Annual	1.1; 2.1; 2.5; 3.1
Progress update – June 2023:								
Kind climate collections and associated programmes rolled out to all Inverclyde Schools as part of the Libraries Inspire Schools Programming – collections built on in line with stock strategy. 3 collections currently in circulation and 16 schools registered in 2022/23.								
3.8	Support Community initiatives such as cooking classes, community kitchens, food growing including collaboration with the Inverclyde Food Network, community entertainment to reduce the need to travel and support vibrant and sustainable communities	Locality Plans; Inverclyde Food Growing Strategy	CLD; Cultural Services; ICDT Area Partnerships; Dandelion Connected Communities	Number of Community initiatives supported by the council	Harvest festival; Community Pantries; Invergrow project	Increased number of community Initiatives supported by the council and the food growing network; Roll out of Invergrow project and the Food Growing Strategy	Ongoing	1.1; 1.2; 1.3; 1.5; 2.1; 2.3; 2.5; 3.1
Progress update – June 2023:								
Inverclyde Libraries part of IFCN – West College Scotland delivering Horticulture course out of SW library on allotment gardening. Inverclyde libraries and partners RIG arts have a Greening Officer to increase participation and engagement with Community Garden and plans are progressing for more events in space.								

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
3.9	Set up a network of "Green Teams" to help promote sustainability, raise awareness and encourage engagement with the move to a low carbon lifestyle		Across Directorates Cultural services	Network of Green teams set up	Many individual departments already engaged	Network of Community Green teams set up	2025	1.3; 2.1; 2.5; 3.1;.3.2
Progress update – June 2023: Green Team set up in Inverclyde Libraries – delivering initiatives internally and externally.								
3.10	Work with Communities to encourage and support the formation of local volunteer groups, such as Blooms and Biccies / Chatty Café @SW to support the enhancement of specific open space	Forward _ Public Library strategy 21-25	Cultural services; Local Groups; Partners	Number of Local Chatty cafes underway	Currently 4 focussed chatty cafes up and running	Increased number of Climate focussed Chatty cafes underway and supported	Ongoing	1.2: 1.3; 1.5; 2.1; 2.5; 3.1
Progress update – June 2023: 4 Focussed chatty cafes meeting on a regular basis as legacy of Climate Beacon work for COP26.								

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
3.8	Continue to use our collections to explore and respond to aspirations around climate change and planetary limits		Cultural services Inverclyde	Nr of objects / resources linked to the climate crisis, sustainability and the environment		Increase in investment in climate focussed collections / programming	Ongoing	1.1; 1.3; 2.1; 2.5; 3.1
Progress update – June 2023: Promotions for Climate Week / Sustainability etc.. Work to commence on collections within the Watt Institution.								

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links

	4. Carbon Reduction Action Area: Offsetting							
	Natural Environment							
4.1	Review existing tree/flora to establish current carbon sequestration / carbon storage levels	OSAMP	Service Manager Grounds & Waste	Production of Management Plan	To be established	Increase tree / hedgerow planting	2022 - 2024	2.5
Progress update – June 2023: Currently in the process of procuring external consultant support to assist the production of a Management Plan, contract projected to be in place 3rd Quarter 2023.								
4.2	Develop and incorporate into LDP and implement measures for new developments e.g. landscaping species list to optimise biodiversity	LDP	Planning Service; Service Manager Grounds & Waste	Planning Guidance	To be established	Development of adaptation measures.	2022 - 2023	2.1; 2.5
Progress update – June 2023: Service will work with planning on this.								

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
4.3	Continue to control invasive species	OSAMP, Council Policy	Service Manager Grounds & Waste	Eradication of non-native invasive plant species	As per management of invasive species	Work towards eradication of non-native invasive plant species	Ongoing - 2027	2.5

Progress update – June 2023:
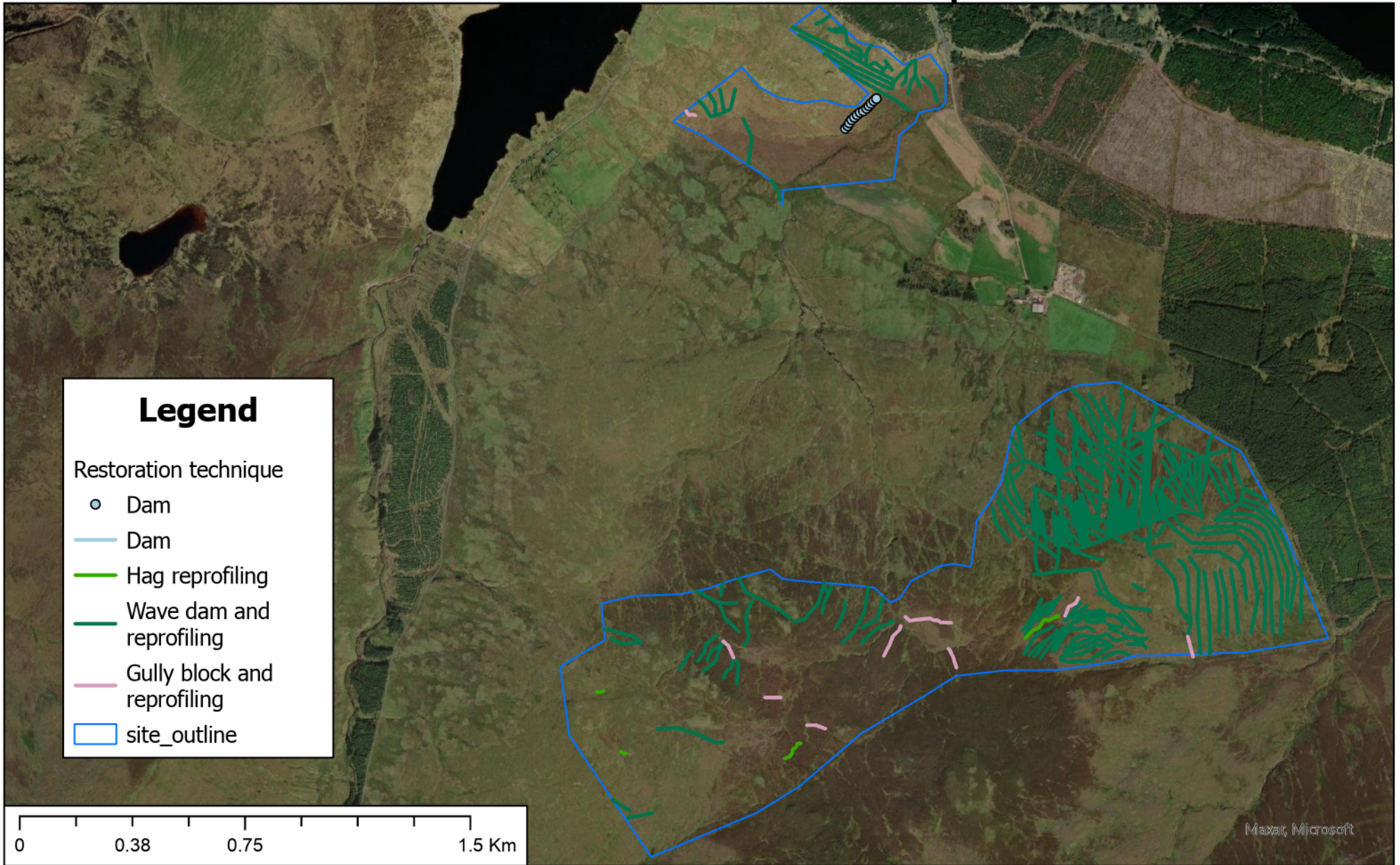Prioritisation now on Ash dieback and replacing any non-native ash with native species trees.

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
4.4	Undertake projects to naturalise amenity grassland to enhance local biodiversity, improve natural habitats and support wildlife through wildflower meadow planting	OSAMP	Service Manager Grounds & Waste	% of amenity grassland naturalised	Current level is under 5% (to include survey work of newly introduced species)	20% of amenity grassland naturalised (insect/species count)	2022 - 2027	2.5

Progress update – June 2023:
Wildflower seeding has been tested in a number of locations within Inverclyde to assess effectiveness prior to rolling out to further locations.

On-going	Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
4.5	Undertake projects for woodland creation / enhancement, native tree planting and hedgerow planting in and around our communities (in appropriate locations) to offset the carbon emissions, including mitigation of impact of tree diseases (e.g. Ash dieback)	OSAMP	Service Manager Grounds & Waste	Areas of native woodland planted; number of native urban / street trees planted	To be established	Increased areas of woodland in and around urban areas; increased numbers of urban / street trees	2022 - 2027	2.5
Progress update – June 2023: Green Action Trust have commissioned a report on potential tree planting within Inverclyde. Over 630 new trees have been planted in 2023 with additional trees now being grown on and planned.								
4.6	Undertake projects to maximise carbon storage potential of land through peatland restoration and conservation.	OSAMP	Service Manager Grounds & Waste	Implement projects working in partnership	As per national indicators	Restoration of up to 1100 hectares of compromised peatland at Hardridge and Dowries Farms	2022 - 2027	2.5
Progress update – June 2023: Separate report to June E&R Committee. Officers have met with GCV Green Network Partnership, potential for this project to be fully funded.								

On-going	Complete

Replacement Year	2023/24	2024/25	2025/26	Totals
Proposed 7 Year Replacement Programme	£320,000	£225,000	£530,000	£1,075,000
Amount Related to Additional Cost of ULEV in Lieu of ICE	£103,000	£91,000	£89,000	£283,000
Estimated Cost for 30 Vehicle Charging Points	£0	£30,000	£60,000	£90,000
Amount Funded from 2023/26 Net Zero Capital Allocation	**£103,000**	**£121,000**	**£149,000**	**£373,000**

Work Item	Dowries Estimated Cost	Hardridge Estimated Cost
Wave dams and zippering	£72,520	£407,945
Drain reprofiling	£1,510	£17,000
Timber dams	£12,450	£70,800
Reprofiling and bunding gullies	£6,230	£20,020
Reprofiling and mineral dams gullies at 7m average	£3,400	£43,720
Reprofiling haggs	£650	£1,270
Baffles to protect reprofiled haggs	£2,250	£3,120
Spread mulch ha	£0	£0
Coir textile	£0	£0
Hagg and gully reprofiling (ha)	£0	£99,090
Sub-Total	**£99,010**	**£662,965**
Professional Fees (estimated 5%/3%)	**£4,950**	**£19,889**
Total	**£103,960**	**£682,854**
	£786,814	
Number of days work	**65**	**477**

Dowries Restoration Map

Legend

Restoration technique

- ⊙ Dam
- — Dam
- — Hag reprofiling
- — Wave dam and reprofiling
- — Gully block and reprofiling
- □ site_outline

Maxar, Microsoft

0   0.38   0.75   1.5 Km

Hardridge Restoration Map

Legend

Hardridge Phasing of works

- 1
- 2
- 3

Restoration technique

- Dam (point)
- Dam (line)
- Hag reprofiling
- Wave dam and reprofiling
- Gully block and reprofiling (line)
- Gully block and reprofiling (fill)
- site_outline

Scale: 0   0.5   1   2 Km