

---

<b>Report To:</b>	<b>Environment &amp; Regeneration Committee</b>	<b>Date:</b>	<b>16 May 2024</b>
<b>Report By:</b>	<b>Director, Environment and Regeneration</b>	<b>Report No:</b>	<b>ENV041/24/EM</b>
<b>Contact Officer:</b>	<b>Eddie Montgomery</b>	<b>Contact No:</b>	<b>01475 712472</b>
<b>Subject:</b>	<b>Energy &amp; Climate Change – Net Zero Action Plan Annual Progress Review / Scottish National Adaptation Plan Consultation</b>		

---

## 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 provides an update on a further Energy and Climate Change related Scottish Government public consultation and the Council's response.

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](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.

1.4 The report provides a summary of the response to the Scottish Government consultation on the Draft Scottish National Adaptation Plan (2024 – 2029) which launched on 31 January and had a submission date of the 24 April 2024.

## 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 Appendix A;
- notes the Draft Scottish National Adaptation Plan (2024 – 2029) Consultation and Inverclyde response as included in Appendix B.

**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 2<sup>nd</sup> 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 Committee has previously approved the Net Zero Action Plan 2022/27 with the last full update presented to the June 2023 Committee and interim targeted updates to the November 2023 and January 2024 Committees focusing on progress made on the areas of the plan that address Energy Use in Buildings and the Natural Environment.
- 3.5 The Actions within the approved Plan have been reviewed by the various Services and Officers with an update on progress included as Appendix A.

#### **Draft Scottish National Adaptation Plan (2024 – 2029)**

- 3.6 The Draft Scottish National Adaptation Plan (2024 – 2029) is in response to The Climate Change Committee's third Climate Change Risk Assessment that incorporates assessment of risks and opportunities from climate change to Scotland. It is structured around five 'Outcomes' each with a set of 'Objectives' and with policy proposals to achieve each Objective. A summary of the Outcomes is outlined below:

**Nature Connects:** refers to placing nature at the centre in addressing the impacts of climate change. This incorporates both rural and urban environments. Protecting the natural environment to enhance the resilience of ecosystems can in turn support societies to adapt to climate hazards, e.g. flooding. With respect to Local Authorities, key policy proposals include accounting for climate risks in development planning and 'nature networks' to connect nature-rich sites.

**Communities:** refers to taking a 'place-based' approach to design local solutions to climate change. Key policy proposals in this regard include 'Climate Action Hubs' supporting community-led adaptation and a 'National Flood Resilience Strategy'.

**Public Services and Infrastructure:** public sector organisations have a legal duty with respect to adaptation and it is considered that adaptation be aligned with their strategic outcomes and priorities. Key policy proposals include updated statutory guidance on Public Bodies Climate Change Duties on adaptation and supporting collaboration between the public sector in this regard.

**Economy, Business and Industry:** considers adaptation as both helping reduce economic costs of climate change and presenting economic opportunities in, for example, the growth of adaptation sectors.

**International Action:** recognises the role Scotland has in helping communities across the world particularly affected by climate change and that it can learn from other countries in how to help Scotland adapt.

3.7 Proposals of note include development planning to take account of current and future climate risks supported by National Planning Framework 4, national network of ‘Climate Action Hubs’, a ‘National Flood Resilience Strategy’, a strengthened ‘Public Sector Climate Adaptation Network’ and collaborative planning and investment partnerships on adaptation covering all regions by 2029. This Consultation was considered by The Energy and Climate Change Team with a response sent on behalf of the Council. The Council response is included as Appendix B.

#### 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 outcome of the consultation on the Draft Scottish National Adaptation Plan (2024 – 2029) will be monitored and any implications reported to a future Committee.

#### 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

One off Costs

Cost Centre	Budget Heading	Budget Years	Proposed Spend this Report (£000)	Virement From	Other Comments
N/A	-	-	-	-	-

Annually Recurring Costs/ (Savings)

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

**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.

**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:

	YES – Assessed as relevant and an EqIA is required.
X	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.

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.

## 7.0 BACKGROUND PAPERS

7.1 None.

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%.

#### Progress update – May 2024:

The climate change reporting data submitted by the Council (and reported to the January 24 Committee) shows that, from a baseline of 2012/13, the Council continues to steadily reduce its greenhouse gas emissions. By 2022/23, the Council has reduced its emissions from 19,104 in 2012/13 to 9,362 tonnes, a reduction of 51%. It should be noted however that from 01/04/2023, the Council took responsibility for electricity and gas charges for Inverclyde Leisure sites with emissions in respect of electricity and gas consumption for Inverclyde Leisure operated assets now set to be included in reporting for 2023/24 emissions. As advised to the January 2024 Committee it will be necessary to recalculate the baseline position to reflect this addition. It was also reported that the Council will report emissions for Municipal Waste from 2023/24, whereby, up to this year only internal waste emissions have been reported on. The Council, however, in January confirmed a new waste contractor that will divert waste from landfill to Energy from Waste which will also require to be considered in the 2023/24 reporting.

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
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
<p><b>Progress update – June 2023:</b>            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.</p>								
<p><b>Progress Update – May 2024:</b>            Action complete, with 5-year action plan requiring refresh within the life of current Council and Partnership Plans.</p>								



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
<p><b>Progress update – June 2023:</b> 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.</p>								
<p><b>Progress update – May 2024:</b> Inverclyde Leisure utility payment transferred to Inverclyde Council as of April 2023, physical asset interventions are reviewed and discussed at regular liaison meetings. Annual procurement reporting continues with the reporting of climate and circular economy criteria to be captured as part of the 2023/24 report. The recently published LHEES and work in relation to the Local Housing Strategy (Delivery Group 4) involves partnership working with local RSL's.</p>								

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
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
<p><b>Progress update – June 2023:</b> New Committee report format in place and approved by June 2022 Policy &amp; Resources Committee (minor changes agreed May 2023).</p>								
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
<p><b>Progress update – June 2023:</b> 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.</p>								
<p><b>Progress update – May 2024:</b> E-learning module content has been created and, following sign off from Energy and Climate Change lead officers, will be launched and promoted.</p>								

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
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
<p><b>Progress update – June 2023:</b> The induction module is being reviewed to include guidance around carbon efficiency behaviours.</p>								
<p><b>Progress update – May 2024:</b> The induction module has been updated and includes guidance around carbon efficiency behaviours.</p>								

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

<b>Funding</b>								
----------------	--	--	--	--	--	--	--	--

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 2<sup>nd</sup> 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.

**Interim update – November 2023:**

£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 Peatland Restoration proposals for Dowries and Hardridge Farms have been progressed with £768,705 Scottish Government Peatland Action Funding now secured for Hardridge and Dowries application also being considered;

Funding application made to Scottish Football Association (SFA) to address LED floodlighting upgrades across School and Leisure pitches (50% match funding required if successful);

Museums Galleries Scotland - Capital Resilience Fund 2023 (grants available between £5,000 and £60,000) and opportunity for energy efficiency works with officers putting together a bid for heating controls / partial LED lighting in the Watt Institute

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

**Interim update – January 2024:**

Peatland Restoration proposals have been progressed with a further £103,981 Scottish Government Peatland Action Funding now secured for Dowries; Positive engagement continues with the Scottish Football Association (SFA) to address LED floodlighting upgrades across School and Leisure pitches (50% match funding required if successful); Museums Galleries Scotland - Capital Resilience Fund 2023. Grant application submitted for the maximum £60,000 for heating controls / partial LED lighting in the Watt Institute. Outcome awaited. Salix Public Sector Heat Decarbonisation Grant funding bid submitted addressing multiple sites aligning to existing Net Zero Action Plan projects. Outcome awaited; Potential funding support opportunities in relation to heat network studies as detailed within main report.

**Progress update – May 2024:**

Scottish Football Association (SFA) - LED floodlighting upgrades across School and Leisure pitches - 50% match funding confirmed up to maximum of £200K. Museums Galleries Scotland - Capital Resilience Fund - Grant application successful with £42K confirmed to address partial LED lighting in the Watt Institute. Salix Public Sector Heat Decarbonisation Grant – No award from the this round, Officers have met with Grant administrators to inform next round submission. Heat Network Support Unit (HNSU) – Strategic Heat Network Support application submitted and awaiting outcome of review panel. Currently engaging with River Clyde Homes who have been successful in obtaining funding for a feasibility study on expansion off their Broomhill network.

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
<p><b>Progress update – June 2023:</b> 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 &gt;£250k / Goods &amp; Services &gt;£25k).</p>								
<p><b>Progress update – May 2024:</b> Procurement strategy 2022-25 continues to be implemented and contains a sustainability and social value priority. Spend analysis continues to be reviewed and reported as part on the annual procurement report which is reported to committee and the Scottish government. Priority will be given within 2024/25 to adopting where appropriate the use of sustainable tools such as the: Flexible Framework assessment tool; Prioritisation Tool; Sustainability Test. Continue to implement and deliver the fair work first action plan. Fair Work First criteria is now mandatory in all council procurement exercises (Works &gt;£250k / Goods &amp; Services &gt;£25k) with performance being reported annually to committee and the Scottish government as part of the annual procurement report.</p>								

On-going Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
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
<p><b>Progress update – June 2023:</b> Social Value policy was presented at E&amp;R committee on 22 October 2022 for noting and approved at P&amp;R committee on 15 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.</p>								
<p><b>Progress update – May 2024:</b> Social value policy continues to capture and secure social value outcomes in accordance with the agreed benefits menu. Work is ongoing in a collaboration with City Region partners with a focus on implementing a community Wishlist based solution that will report consistently across the region on both local and city region projects. The new approach is at advanced stages with software having been procured and will be implemented FY 2024/25. All social value outcomes will be captured, monitored and reported as part of the annual procurement report.</p>								
1.10	Implement Flexible Framework assessment tool; <ul style="list-style-type: none"> <li>• Prioritisation Tool;</li> <li>• Sustainability Test</li> </ul>	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
<p><b>Progress update – June 2023:</b> 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.</p>								
<p><b>Progress update – May 2024:</b> Update as outlined in Action 1.8.</p>								

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

<b>Education and Learning</b>								
-------------------------------	--	--	--	--	--	--	--	--

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.

**Progress update – May 2024:**  
Career Long Professional Learning (CLPL) continues to be promoted by staff and this is being delivered by Education Scotland and West of Scotland Education Development Centre (WOSDEC). In August 2023 we appointed a Primary Science Development Officer (PSDO), with partial funding from Education Scotland and The Wood Foundation. The action plan that supports this role includes a focus on learning for sustainability. The PSDO shares practice from across Scotland on initiatives that are successful and supports teachers in the classroom through a coaching and modelling approach to build confidence in delivery.



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
<p><b>Progress update – June 2023:</b>  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.</p>								
<p><b>Progress update – May 2024:</b>  We continue to have 9 establishments holding a green flag. Two have registered that they will gain this award in the next 12 months. One of our secondary schools is registered as an SQA centre that is able to deliver the Climate Emergency Training course. Two of our primary schools are participating in the STEM the Flow Competition (Upstream Battle).</p>								

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
<p><b>Progress update – June 2023:</b>  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).</p>								
<p><b>Progress update – May 2024:</b>  School/Council kitchens no longer use single use plastic food packaging/cutlery. The option of moving to cans/cartons being investigated for water in secondary schools was proving too expensive. Two secondary schools (Clydeview Academy &amp; Inverclyde Academy) have provided all pupils with a re-fillable water bottle to encourage pupils to use these instead. This could be rolled out to all secondary schools in the future. Cleaning chemical containers are now recycled/reused to cut down on the number of 5 litre containers wasted.</p>								

On-going Complete

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
<p><b>Progress update – June 2023:</b> 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.</p>								
<p><b>Progress update – May 2024:</b> The new ICT Catering system has now been implemented in all secondary schools. The decision was taken to fully embed the new system and then introduce the new pre-order system. A visit to a secondary school in Glasgow City Council is planned for early May to look at the pre-order system in operation as all schools will operate differently due to their layout. A pilot in one secondary school will take place in the month of June with a view to rolling out to all schools in the new school session in August 2024.</p>								

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 <i>Food for Life Served Here</i> award; and promote/ensure more plant-based food options in schools, including 'meat free' days and vegan options		Facilities Management; Education	Achieving the <i>Food for Life Served Here</i> award; food options available in school canteens	Food for Life Served Here Bronze award has been achieved by IC for past 4 years	Achieve <i>Food for Life Served Here</i> 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
<p><b>Progress update – June 2023:</b> We have been awarded our 5<sup>th</sup> year Bronze Food for Life award in May 2023, meat free days are available every day in school.</p>								
<p><b>Progress update – May 2024:</b> We have been awarded our 6<sup>th</sup> year Bronze Food for Life award in March 2024, meat free days are available every day in school. To achieve the Silver Food for Life award, would incur considerable costs as food would all have to be locally sourced and organic. Once the pre-order app is well established and the food costs/waste has reduced, we can investigate going down the silver award route.</p>								

On-going Complete

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

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
<p><b>Progress update – June 2023:</b> Paused awaiting confirmation of Paths for All budget.</p>								
<p><b>Progress update – May 2024:</b> No further progress at this time.</p>								

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
<p><b>Progress Update – June 2023:</b> 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.</p>								
<p><b>Progress Update – May 2024:</b> Undertaking Community engagement study in Greenock West to determine how residents travel and promoting the use of sustainable travel. No confirmed budget 24/25.</p>								

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
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
<p><b>Progress update – June 2023:</b> 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.</p>								
<p><b>Progress update – May 2024:</b> Further to the Glasgow City Region Study Inverclyde and partner Councils are considering options for the development of EV network which is covered by separate report on agenda of May 24 Committee.</p>								

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
<p><b>Progress update – June 2023:</b> 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.</p>								
<p><b>Progress update – May 2024:</b> Refer to update for item 1.18 above.</p>								



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
<p><b>Progress update – June 2023:</b> Service will work with planning on this.</p>								
<p><b>Progress update – May 2024:</b> Currently considering available information with a view to developing a future strategy and guidance.</p>								

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
<p><b>Progress update – June 2023:</b> On-going development of travel plans for council buildings and Health and Care Centres.</p>								
<p><b>Progress update – May 2024:</b> Continued on-going development of travel plans for council buildings and Health and Care Centres.</p>								

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
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
<p><b>Progress update – June 2023:</b> Segregated path through East India and Victoria harbour complete, on-going design and development of future sections of this project.</p>								
<p><b>Progress update – May 2024:</b> Detailed design of section of the segregated path are complete and awaiting funding prior to construction.</p>								
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
<p><b>Progress update – June 2023:</b> Active Travel action plan has been updated and progress assessed.</p>								
<p><b>Progress update – May 2024:</b> Active Travel action assessment is on-going.</p>								

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
<p><b>Progress update – June 2023:</b> Active Travel action plan has been updated and progress assessed.</p>								
<p><b>Progress update – May 2024:</b> Improvements are being made to the core network at Lunderston Bay.</p>								

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
<p><b>Progress update – June 2023:</b> On-going discussion with funding partners to develop future schemes.</p>								
<p><b>Progress update – May 2024:</b> On-going discussion with funding partners to develop future schemes.</p>								

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
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
<p><b>Progress update – June 2023:</b> 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.</p>								
<p><b>Progress update – May 2024:</b> The Study is complete, with future projects being considered.</p>								

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
<p><b>Progress update – June 2023:</b> Paused awaiting confirmation of Paths for All budget.</p>								
<p><b>Progress update – May 2024:</b> Ongoing active travel programme, within available budgets and programme prioritisation.</p>								

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
<p><b>Progress update – June 2023:</b> Continued programme of active travel routes to connect communities.</p>								
<p><b>Progress update – May 2024:</b> On-going programme of work detailed in the Active Travel Strategy.</p>								



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

<b>Town and Village Centre Regeneration</b>								
---	--	--	--	--	--	--	--	--

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.

**Progress update – May 2024:**  
Kilmacolm complete. West Blackhall Street regeneration phase 1 progressing on site.

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
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
<p><b>Progress update – June 2023:</b> No progress to report this cycle.</p>								
<p><b>Progress update – May 2024:</b> No progress on this item.</p>								

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

<b>Climate Adaptation</b>								
---------------------------	--	--	--	--	--	--	--	--

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
------	---	--------------------------------	----------------	----------------------------------	--	----------------------------	-----------------	-----

<p><b>Progress update – June 2023:</b> Works are complete.</p>								
--	--	--	--	--	--	--	--	--

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
------	---	--------------------------------	----------------	----------------------------------	--	----------------------------	-----------------	-----

<p><b>Progress update – June 2023:</b> Works are on-going and programmed to be complete in 2023.</p>								
--	--	--	--	--	--	--	--	--

<p><b>Progress update – May 2024:</b> Gotters Water Flood Protection scheme is complete.</p>								
--	--	--	--	--	--	--	--	--

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.

**Progress update – May 2024:**  
 Collation of policies and guidance around energy use within assets e.g. mandatory heating shut down periods, optimising building controls is being undertaken with other local authorities. Undertaken in conjunction with actions below and within Awareness and Behaviour Change section.

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
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
<p><b>Progress update – June 2023:</b> 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.</p>								
<p><b>Progress update – May 2024:</b> James Watt building re-use being scoped in relation to proposed demolition of Hector McNeil House via Levelling-Up project. Ingleston Park building timeline moved back pending assessment of other locations. Further asset rationalisation / utilisation studies will continue to be undertaken to inform Asset rationalisation work stream saving target.</p>								

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.

**Interim update – January 2024:**

Update included in Jan 24 Committee report. Complementary studies on-going in relation to the feasibility of a district heating network project around the Greenock Waterfront area with current study included as appendix to report. The Council continues to participate in the Scottish Government District Heating Mentoring Programme which is a 12-month programme delivered through the Heat Network Support Unit (HNSU) designed to build capacity within Scottish Local Authorities through knowledge and experience sharing. Full update on activity within body of the report.

**Progress update – May 2024:**

Draft LHEES Strategy and Delivery Plan was completed by the December 2023 deadline. A public consultation was held in March and April and comments incorporated to the final version of the documents being reported to the May Committee. The feasibility study completed for a district heating network project around the Greenock Waterfront area is being reviewed in the context of the engagement with River Clyde Homes and a current strategic heat network support grant obtained by them to investigate the expansion of the Broomhill network. Officers continue to engage on the Danish Board of District Heating and Scottish Government Mentoring Programme looking at how this work is undertaken in Denmark and within our Scottish Local Authorities.

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
<p><b>Progress update – June 2023:</b> New Learning Disability Community Hub (new build) and King George VI Community Hub (refurbishment) projects both targeting 67/kWh/sqm/annum.</p>								
<p><b>Progress update – May 2024:</b> Officers attended a workshop in February 24 on the Introduction and Delivery of the Net Zero Public Sector Buildings Standard facilitated by the Scottish Government, the Scottish Futures Trust and Zero Waste Scotland. The event explored the delivery of the Scottish Government’s Net Zero Public Sector Buildings Standard - the Scottish Government’s recommended approach for delivering high quality and net zero compliant new and retrofitted buildings.</p>								

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
<p><b>Progress update – June 2023:</b> 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.</p>								
<p><b>Interim update – November 2023:</b> Further phase of window replacement (phase 6) completed at Greenock Municipal Buildings (double glazed from single, improved u-values); Greenock Town Hall Re-Roofing and Window Replacement project at tender issue stage also includes improved elemental u-values i.e. increased roof insulation and windows (double glazed from single). Cornalees Visitor Centre heating and ventilation upgrade being progressed as part of E&amp;R Core Property condition related investment and will also include 21nr photovoltaic panels; Re-roofing of Glenbrae Children’s Centre being planned / programmed as part of Education Capital Lifecycle programme and will also include 26nr integrated photovoltaic panels.</p>								
<p><b>Interim update – January 2024:</b> Greenock Town Hall project programmed to commence 1st Quarter 2024 (refer to capital report). Cornalees Visitor Centre works now progressing on site; Glenbrae Children’s Centre project programmed for summer 2024 to minimise disruption to Centre operation.</p>								
<p><b>Progress update – May 2024:</b> Greenock Town Hall project commenced on site (refer to capital report). Cornalees Visitor Centre works nearing completion (refer to capital report); Glenbrae Children’s Centre project programmed for summer 2024.</p>								



Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
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
<p><b>Progress update – June 2023:</b> 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.</p>								
<p><b>Interim update – November 2023:</b> Commission request issued for LED upgrade at Inverclyde Academy, consultant appointment being progressed; Commission request issued for school pitch floodlight upgrade (3 secondary schools). Main training pool area of Greenock Waterfront receiving lighting upgrade (LED) whilst moveable pool floor project is being progressed and pool empty; Detailed feasibility studies progressed at 6 buildings aligning with Photovoltaic panel studies.</p>								
<p><b>Interim update – January 2024:</b> As noted in Funding section above, floodlighting project above now superseded by potential wider project for floodlight upgrade at Education and Leisure Pitches subject to outcome of SFA funding bid. Consultant appointed with design progressing; Greenock Waterfront Training Pool lighting upgrade (LED) complete.</p>								
<p><b>Progress update – May 2024:</b> As noted in Funding section LED floodlighting project progressing and at tender return stage (see capital report). The 6 buildings assessed for PV noted in 2.7 were also assessed for LED replacement and outputs considered in future lifecycle programme planning.</p>								

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
<p><b>Progress update – June 2023:</b> Fee quotations received for preparing detailed feasibility studies at 6 buildings which also includes LED upgrade assessment (2.6).</p>								
<p><b>Interim update – January 2024:</b> Detailed feasibility studies progressed at 6 buildings aligning with LED upgrade assessments noted above. Priority projects have been identified and included in Salix funding bid with next steps involving detail design and tender.</p>								
<p><b>Progress update – May 2024:</b> Detail design and tender information being progressed for 6 buildings previously identified in the net Zero Action Plan. PV panels were incorporated in the Cornalees Visitor Centre project. Additional PV proposed to be funded on the Inverclyde Community Hub project (refer to capital report). PV panels being incorporated in the Glenbrae Children’s Centre re-roofing project. PV panels being incorporated in the King George VI retrofit project.</p>								

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
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
<p><b>Progress update – June 2023:</b>            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).</p>								
<p><b>Interim update – January 2024:</b>            Detailed feasibility studies progressed at 3 buildings. Priority projects have been identified and included in Salix funding bid with next steps involving detail design and tender.</p>								
<p><b>Progress update – May 2024:</b>            Detail design and tender information being progressed for 3 buildings previously identified in the net Zero Action Plan.</p>								

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
<p><b>Progress update – June 2023:</b>  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.</p>								
<p><b>Progress update – May 2024:</b>  No significant progress.</p>								

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
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
<p><b>Progress update – June 2023:</b> 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.</p>								
<p><b>Interim update – November 2023:</b> 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. In terms of smart metering, for gas the Council / Inverclyde Leisure now has 87% of its consumption going through half hourly measured meters with the aim to get to 95% plus by the end of the financial year.</p>								
<p><b>Progress update – May 2024:</b> 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. 90% complete, with remainder in process of trying to schedule.</p>								

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
<p><b>Progress update – June 2023:</b> 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.</p>								
<p><b>Interim update – November 2023:</b> In terms of smart metering, the Council / Inverclyde Leisure now has 79% of its consumption going through half hourly measured meters with the aim to get to 95% plus by the end of the financial year.</p>								
<p><b>Progress update – May 2024:</b> 22 supplies have SMART/AMR meters installed with which data is coming through; 17 supplies have SMART/AMR installed but data is not coming through; 2 supplies have SMART/AMR installed but only little or partial data coming through; 79 supplies to have SMART AMR meters installed.</p>								

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
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
<p><b>Progress update – June 2023:</b> In process of procuring new Cloud-based energy Monitoring &amp; 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.</p>								
<p><b>Interim update – November 2023:</b> Population of data and invoices for the new Energy Monitoring and Targeting software nearing completion (Systemlink) which significantly improves data quality for reporting and allows better energy and financial management of the consumption and costs; Officers currently working with Council’s term contractor and specialist contractor to restore links to majority of Building Energy Management Systems in Education estate and larger non-school estate operational assets. Options being explored for system upgrades to provide centralised live monitoring capability.</p>								
<p><b>Progress update – May 2024:</b> Procured a new Cloud-based energy Monitoring &amp; Targeting software and completed with asset information and historical data. Also now starting to investigate, via consultancy support, what is required to bring Building Energy Management Systems for all major assets back into operation and ability to centrally monitor/control.</p>								

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
<p><b>Progress update – June 2023:</b> 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.</p>								
<p><b>Progress update – May 2024:</b> The new Monitoring and Targeting software noted in 2.12 has allowed greater interrogation of the data to highlight poorer performance and sites to be targeted for energy audits.</p>								



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
<p><b>Progress update – June 2023:</b> 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.</p>								
<p><b>Interim update – November 2023:</b> 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. Studies progressing towards completion for Greenock Municipal Buildings, Waterfront Leisure Centre and Kings Oak Primary School; Officers working with hub West Scotland who are forming a Net Zero Collaboration Group and linking with BE-ST (Built Environment Smarter Transformation) to maximise knowledge sharing and pooling of resources around areas such as the retrofit challenge.</p>								
<p><b>Interim update – January 2024:</b> Greenock Municipal Buildings and Waterfront Leisure Centre studies complete. Kings Oak Primary School study being finalised. Summary report will be subject of report to future committee; hub West Scotland Net Zero Collaboration Group co-ordinated by BE-ST (Built Environment Smarter Transformation) continues to meet to enable knowledge sharing and pooling of resources around areas such as the retrofit challenge.</p>								
<p><b>Progress update – May 2024:</b> Kings Oak Primary School study completed providing best value analysis of differing levels of retrofit intervention. hub West Scotland Net Zero Collaboration Group co-ordinated by BE-ST (Built Environment Smarter Transformation) continues to meet to enable knowledge sharing and pooling of resources focusing on the retrofit challenge.</p>								

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
<p><b>Progress update – June 2023:</b> New Energy &amp; Climate Change Team Leader commenced in post end May 2023. Recruitment for Energy &amp; Climate Change Officer &amp; Support Officer on-going.</p>								
<p><b>Interim update – November 2023:</b> Energy &amp; Climate Change Team Leader commenced in post end May 2023. Energy &amp; Climate Change Support Officer in post from early August. The recruitment of a Projects Officer is on-going with a number of attempts to advertise but with limited responses, post in process of being re-advertised.</p>								
<p><b>Interim update – January 2024:</b> The recruitment of a Projects Officer remains a priority, however, response from activity to date has been limited.</p>								
<p><b>Progress update – May 2024:</b> The Projects Officer has not been able to be recruited to at this time, however a Graduate is now employed within the team as of February 2024.</p>								

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

<b>Transport</b>								
------------------	--	--	--	--	--	--	--	--

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 3<sup>rd</sup> Quarter 2023 for consideration.

**Progress update – May 2024:**  
The service will carry out a refreshed value for money study that takes into account the current situation and will make recommendations accordingly. A number of high mileage users are now using fleet resources to address reductions in mileage claims. Two ULEV’s are planned for Physical Assets to address one high mileage grey fleet vehicle and one long term hire vehicle.

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
<p><b>Progress update – June 2023:</b> Report on the transition to ULEV’s and review of the vehicle replacement programme phasing being submitted to Special June E&amp;R Committee for consideration/approval. The strategy includes a proposed procurement programme linked to Action 2.18 below.</p>								
<p><b>Progress update – May 2024:</b> New vehicle procurement programme phasing is now in place and reported as part of regular capital programme report to Committee.</p>								
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
<p><b>Progress update – June 2023:</b> 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.</p>								
<p><b>Progress update – May 2024:</b> Phasings are in line to meet 2025 targets with action as per 2.17 strategy approval. 4 ULEVs purchased within 2023/24 with a further 15 ULEVs planned for 2024/25. On target to have all petrol and diesel cars removed from fleet by 2025 with exception of 1 vehicle.</p>								

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
<p><b>Progress update – June 2023:</b> 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.</p>								
<p><b>Progress update – May 2024:</b> HGV fleet and available option to be considered in a future report in line with Scottish Government 2030 targets. Pool car position subject to refreshed study and report as indicated in 2.16 above.</p>								

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
<p><b>Progress update – June 2023:</b> Glasgow City regions study into funding models and future procurement and development of a strategy complete with a range of options for consideration.</p>								
<p><b>Progress update – May 2024:</b> Further to the Glasgow City Region Study Inverclyde and partner Councils are considering options for the development of EV network which is covered by separate report on agenda of May Committee.</p>								

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
<p><b>Progress update – June 2023:</b> 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.</p>								
<p><b>Progress update – May 2024:</b> Refer to 2.20 above and Glasgow City region workstream. Also currently considering locations across Inverclyde for charge points to support fleet ULEV phasing.</p>								
<b>Streetlighting and Water</b>								
2.22	Continue the programme of replacement of remaining white light / non-LED streetlights, signs and bollards	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
<p><b>Progress update – June 2023:</b> Works on-going, currently 99% complete.</p>								
<p><b>Progress update – May 2024:</b> The replacement to LED programme is on-going, including difficult locations.</p>								

On-going	Complete
----------	----------

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
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
<p><b>Progress update – June 2023:</b> Review of existing infrastructure complete, now programming works.</p>								
<p><b>Progress update – May 2024:</b> The review traffic signals for LED conversion and implementation is on-going.</p>								



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.

**Progress update – November 2023:**  
All water AMRs where available being connected to the Monitoring and Targeting software referred to in 2.12.

**Progress update – May 2024:**  
All water AMRs are connected to the Monitoring and Targeting software referred to in 2.12 and now automatically upload.

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
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
<p><b>Progress update – June 2023:</b> 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.</p>								
<p><b>Progress update – November 2023:</b> A programme of water meter installs is scheduled for late October to capture around 20-25 of the highest consuming assets.</p>								
<p><b>Progress update – May 2024:</b> A number of the existing AMRs for water had expired and data had become unreliable. A benchmarking exercise was undertaken to identify priority sites for replacement and expansion of existing provision where appropriate. This has now been completed and we are now receiving AMR data for 25 sites.</p>								

On-going Complete

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
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
<p><b>Progress update – June 2023:</b> 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.</p>								
<p><b>Progress update – May 2024:</b> 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. The new AMR loggers have already picked up some large external leaks in a couple of sites.</p>								
<b>Waste</b>								
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
<p><b>Progress update – June 2023:</b> A waste compositional analysis is planned using the pre Garden Waste Charges and fortnightly food waste collection service as baselines.</p>								
<p><b>Progress Update – May 2024:</b> The desktop waste compositional analysis has concluded an impact of approximately 7% reduction in overall recycling rate. Potential future legislation may require councils to provide free Garden Waste collections.</p>								

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
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
<p><b>Progress update – June 2023:</b> 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.</p>								
<p><b>Progress Update – May 2024:</b> Discussions with Zero Waste Scotland have concluded. Service delivery shows potential improvements directly linked to 2.27.</p>								

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
<p><b>Progress update – June 2023:</b> 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.</p>								
<p><b>Progress Update – May 2024:</b> The communications resources have now been reviewed and updated. This will be reviewed on a regular basis.</p>								
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
<p><b>Progress update – June 2023:</b> 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.</p>								
<p><b>Progress Update - May 2024:</b> Short term solution to persistent organic pollutants (POPs) and waste upholstered domestic seating (WUDS) has been identified. New facilities are available at the two recycling centres. The impact of this material stream is being raised through the Waste Managers Network with SEPA.</p>								

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 recycle 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
<p><b>Progress update – June 2023:</b> A report was issued to Committee on the Commercial waste Services and prices have been reviewed to reflect costs.</p>								
<p><b>Progress Update – May 2024:</b> New prices are now in place and being charged for commercial waste.</p>								

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
<p><b>Progress update – June 2023:</b> 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.</p>								
<p><b>Progress Update – May 2024:</b> This action is delayed pending the introduction of the Deposit Return Scheme in 2025, unlikely that the impact of a reduction in plastics and cans will be fully delivered until 2026 onwards.</p>								

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
<p><b>Progress update – June 2023:</b> A report has been prepared in relation to the landfill ban. Support has been provided by ZWS on some technical elements of the process.</p>								
<p><b>Progress Update - May 2024</b> A new contract has been signed to deliver the landfill ban in 2024. Waste is now being taken for Energy from Waste with elements of recycling. This has resulted in a significant reduction in waste going to Landfill.</p>								



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.

**Progress Update – May 2024:**  
Content is up to date and continues to be well received, potential training identified to content delivery staff in Nature Development Leadership. Content review will be ongoing.

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
<p><b>Progress update – June 2023:</b> There is an active and supportive network of volunteers and partners engaged at Clyde Muirshiel. Growing this support within existing resources will be undertaken.</p>								
<p><b>Progress Update - May 2024:</b> Limited success in growing support however existing support is very active and engaged. Action ongoing. Some limited interest from local companies in Environmental works as part of their corporate responsibilities.</p>								

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

<b>Circular Economy</b>								
-------------------------	--	--	--	--	--	--	--	--

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 2<sup>nd</sup> June 2023 – this is one of 9 dedicated hubs located across Scotland

**Progress Update – May 2024:**  
 Lend and Mend Hub launched and open – June 23- Apr 24 - 94 workshops with 694 attendees alongside 364 drop ins. Partnerships developed with Shed/ RiG Arts to support delivery. Extension of facilities dependant on funding. Toy / Garden resource library has been extended with 2 new Seed Libraries launched in Feb/ Mar 24 through Scottish Governments Climate engagement fund. Tool Library to be established in June 24.

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

<b>Active Travel</b>								
----------------------	--	--	--	--	--	--	--	--

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.

**Progress update – May 2024:**  
2022-23 Bikeability return shows an 8% increase in the number of pupils undertaking ‘on-road’ level 2 training, but there has been an 11% decrease in the number undertaking ‘playground’ level 2 training. Level 1 training pupil numbers remain consistent with 2021-22 numbers. Provisional numbers for 2023-24 show an increase of at least one more school participating in the programme.  
Continuing service pressures within the road safety team has meant that there have been limited opportunities to support the ‘play on pedals’ scheme to early years establishments in 2023-24, however there has been expressions of interest from some establishments about taking this forward into the next academic session.

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.

**Progress update – May 2024:**

Road safety officer has supported five primary schools with their Junior Road Safety Officer programme during 2023-24. The Road Safety (Schools) Working Group also supported Inverkip Primary School with a project to improve safety around their school exit points with Property Services, Roads, Community Safety & Resilience, and the school all contributing to the project.

Roads officers are currently operating a walking competition to encourage pupils at Newark, St Michael's, St Ninian's and Whinhill Primary Schools to walk to school more. Electronic boxes are installed on routes to each school each Wednesday and each pupil was issued with a fob to scan on the boxes to gain points. The pupils with the highest points at the end of the competition win prizes.

Parking restrictions were recently introduced adjacent to Newark, St Michael's and St John's Primary Schools to discourage parking at inappropriate locations.

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
<p><b>Progress update – June 2023:</b> We continue to look at ways to introduce and support Bikeability in secondary schools and seek funding opportunities where possible.</p>								
<p><b>Progress update – May 2024:</b> Community Learning and Development, Community Safety &amp; Resilience and Sport secured external funding from Sports Scotland for a cycling maintenance project within Port Glasgow Community Campus, which will link into Bikeability training for staff involved.</p>								

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

<b>Awareness Raising &amp; Engagement</b>								
---	--	--	--	--	--	--	--	--

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.

**Progress Update – May 2024:**  
 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 2023/24 – this has been expanded with Climate engagement collections and associated programming in secondary schools through funding allocated through Shelf Life – Scottish Governments climate engagement fund 2023-24.

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
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
<p><b>Progress update – June 2023:</b>            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.</p>								
<p><b>Progress Update – May 2024:</b>            Inverclyde Libraries part of IFCN. 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 / a series of 6 free ‘Sow and Grow’ talks took place from Sept 23- Feb24 with successful funding from InverGrow fund. The Drying Green is currently being developed as an education garden for the network.</p>								



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
<b>Progress update – June 2023:</b> Green Team set up in Inverclyde Libraries – delivering initiatives internally and externally.								
<b>Progress update - May 2024:</b> Green Team operational 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
<b>Progress update – June 2023:</b> 4 Focussed chatty cafes meeting on a regular basis as legacy of Climate Beacon work for COP26.								
<b>Progress Update – May 2024:</b> Extension of Chatty café network planned for June 24 with the introduction of a new café supporting the ICFN and food growing strategy.								

On-going	Complete
----------	----------

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
3.11	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
<p><b>Progress update – June 2023:</b>  Promotions for Climate Week / Sustainability etc.. Work to commence on collections within the Watt Institution.</p>								
<p><b>Progress Update – May 2024:</b>  Promotions for Climate Week / Sustainability continue, partner with Green Tangerine on The Clyde Beach clean - Work commenced with digitisation of collections within the Watt Institution to support heritage growing and engagement around the herbarium.</p>								

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 3<sup>rd</sup> Quarter 2023.

**Progress Update – May 2024:**  
Consultant engaged (Green Action Trust) and full plan of works reported to Committee and subsequently delivered in 2023/24.

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
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
<p><b>Progress update – June 2023:</b> Service will work with planning on this.</p>								
<p><b>Progress update – May 2024:</b> No significant progress.</p>								
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
<p><b>Progress update – June 2023:</b> Prioritisation now on Ash dieback and replacing any non-native ash with native species trees.</p>								
<p><b>Progress Update – May 2024:</b> Work continuing on Ash Dieback and replacing with native species. Mapping of Japanese Knotweed has concluded and works are ongoing on eradication in a planned systematic manner.</p>								

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
<p><b>Progress update – June 2023:</b> Wildflower seeding has been tested in a number of locations within Inverclyde to assess effectiveness prior to rolling out to further locations.</p>								
<p><b>Progress Update – May 2024:</b> The creation of both wildflower meadows and naturalised grassland has been undertaken. This will be expanded to other areas as appropriate.</p>								

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
<p><b>Progress update – June 2023:</b> 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.</p>								
<p><b>Progress Update – May 2024:</b> As a result of Nature Restoration Funding over 10,000+ trees have been planted, in 2023/24. Further planting schemes will be identified and progressed subject to funding.</p>								

Ref	Action	Relevant Strategy / Plan	Lead Person / Service	Service Indicator	Baseline	Target (where applicable)	Target date	Council Plan Links
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
<p><b>Progress update – June 2023:</b> Separate report to June E&amp;R Committee. Officers have met with GCV Green Network Partnership, potential for this project to be fully funded.</p>								
<p><b>Interim update – January 2024:</b> Peatland projects at Hardridge and Dowries farms approved at June 2023 E&amp;R Committee. Officers with support from the GCV Green Network Partnership have progressed projects with tenders issued, returned and evaluated. Formal acceptance pending confirmation of Peatland Action Fund grant support. Hardridge – Grant offer received. Project is over 3 seasons/years. Formal project acceptance issued with commencement on site early January 2024. Dowries – Grant offer received. Project is over single season/year. Formal acceptance being prepared with commencement on site to be agreed but anticipated late January 2024.</p>								
<p><b>Progress Update – May 2024:</b> Two schemes (Dowries and Hardridge) have been identified and externally funded, Dowries works consisting of 140ha have been completed and Hardridge at 790ha is ongoing and due for completion in 2026.</p>								

1. What do you think the current effects of climate change are on people in Scotland?

**More frequent and severe weather events, e.g. heavy and/or long periods of rain causing flooding, higher temperatures in summer, high winds and storms, etc. that impacts on numerous and various aspects of life, e.g. health, food, transport, infrastructure, utilities, etc.**

2. The next Scottish National Adaptation Plan will cover the period of September 2024 to 2029. What effects, if any, do you expect climate change will have on people in Scotland over the next five years?

**Greater frequency of events mentioned in 1. Above.**

3. What actions, if any, would you be willing and able to take to adapt to climate change? You may wish to consider the action you could take a) in your community and b) around your home and/or business.

**Inverclyde Council has a central role in helping prevent and reduce impacts of climate change so would take action appropriate to Inverclyde in regards this.**

4. What factor(s), if any, would prevent you from taking action to adapt to climate change and become more climate-resilient?

**Inverclyde Council may be limited in the action it can take due to budget constraints so would possibly have to prioritise action.**

5. What action(s) do you think the Scottish Government should prioritise in order to build greater resilience to the impacts of climate change?

**Essential infrastructure and services, e.g. health, buildings, transport, agriculture, etc. but placing a focus on nature based solutions that promote biodiversity and prevention and management of invasive species.**

6. Which of the following actions should the Scottish Government prioritise? Please check all that apply.

i. More trees and green spaces in built-up places for flood resilience and cooling

ii. More joined up natural habitats (“nature networks”)

iii. Managing pests and diseases which will be more prevalent with climate change

iv. Restoring forests and peatland

v. Reinforcing natural coastal barriers such as dunes

vi. Other

**All of the above, increase of ‘natural infrastructure’ in general.**

7. When you consider your local natural space e.g. park, canal, woodland or beach, what would you like to see improved in terms of blue and green space in your local area?

**Increasing the number of ‘wild’ areas for biodiversity.**



8. For Scotland to adapt to the impacts of climate change, lots of different groups, such as individuals, communities, businesses and public bodies, will need to work together and support each other. How could others support you (or your organisation) to adapt to climate change over the next five years?

**Inverclyde Council engagement with Community Councils on local adaptation, HSCP on health impacts of climate change with focus on public health, transport providers on transport networks and related infrastructure, District Network Operators and other utilities organisations with respect to utilities infrastructure, digital companies and organisations with respect to digital networks and infrastructure.**

9. In what way(s) could the plan help different groups across Scotland and/or its regions to collaborate on climate adaptation?

**See 8. above. Note LHEES should incorporate adaptation.**

10. Scotland's net zero targets are part of global efforts to limit global temperature rise to 1.5°C. At the same time, the Climate Change Committee's advice is to adapt now to a minimum global temperature rise of between 1.5 and 2°C for the period 2050 – 2100, and to consider the risks of up to a 4°C warming scenario. Should the Scottish Government adopt the Climate Change Committee's advice to 'adapt to 2°C and assess the risks for 4°C'?

**Strongly agree.**

11. Some decisions, for example those in relation to long-term planning or infrastructure investment, may require greater consideration of future climate conditions. Would further guidance on the appropriate future climate scenario(s) to consider when you (or your organisation) are making plans and investment decisions be useful?

**Yes.**

12. If yes, what sort of information or advice would be useful for you or your organisation when considering future climate scenarios in long-term planning or investments?

**Information and advice on the specifics of how climate change could potentially affect Local Authority Services bespoke to the type of Local Authority areas, urban, rural, mixed, etc.**

13. Climate change makes extreme weather more likely in Scotland. When weather events disrupt one part of our infrastructure (e.g. energy, telecoms, transport networks), the impacts can quickly "cascade" out to disrupt other infrastructure networks or vital services. For example, an interruption in electricity will quickly affect businesses, hospitals and transport. Would an assessment of "cascading" risks from weather-related disruptions to infrastructure help you or your organisation to adapt?

**Yes. Local Authority Services are often dependent on infrastructure so require to understand risks and potential impacts to help take appropriate action to effectively adapt.**

14. The Climate Change Committee suggests more Scottish businesses should be assessing and responding to climate risks. What, if any, are the barriers to businesses accessing advice and support on climate risks?

**Time pressures of running businesses, whereby, climate change is not or considered as a core part of the business.**

15. Climate change is projected to increase disruption of international and domestic supply chains. How do you anticipate disruption to domestic and/or international supply chains caused by climate change will affect Scottish business, industry and consumers?

**Significantly as many Scottish businesses rely on such supply. This is illustrated on recent impacts on supply chains due to global events.**

16. What, if any, should the role of government be in supporting more resilient supply chains?

**Promoting and informing on issues of climate change in terms of impacts on supply chains, encouraging action to adapt and putting in place the required policy and legislative framework to allow effective adaptation.**

17. Farming, fishing and forestry sectors are particularly exposed to impacts of climate change. How should farming, fishing and forestry businesses be supported to adapt to climate change?

**Outreach and effective engagement with these specific sectors providing information on how they can adapt effectively and possibly appropriate incentives to do so. These sectors also have a role in terms of national adaptation so a focus should be placed on them.**

18. Scottish businesses will face challenges as a result of climate change impacts. However, climate change will also present business and innovation opportunities. What, if any, do you think are the business and innovation opportunities arising from climate change in Scotland?

**Public sector contracts for implementation of green infrastructure and other adaptation measures, e.g. how buildings and infrastructure can cope with different types of weather and temperatures and designing buildings and infrastructure to be able to cop with these. Also opportunities in regards climate change mitigation such as in energy efficiency and renewable/'non-polluting' energy, carbon capture and storage, energy storage, 'green' transport and 'active travel', etc. Note opportunities for incorporating adaptation into LHEES.**

19. What, if any, support would be required to encourage businesses in Scotland to take advantage of innovation opportunities arising from climate change?

**Outreach and engagement with the business community and businesses informing of and promoting the opportunities and providing suitable incentives for businesses to consider and take advantage of opportunities. Note require trained workforce to deliver on opportunities so should also focus on developing skills, engaging with Education sector and the organisations that deliver training to promote opportunities.**

20. How could the Scottish Government support communities impacted by climate change across the world?

**Provide funding for adaptation projects, train local people on implementing adaptation projects, provide knowledge and expertise.**

21. Scotland is known for its excellence in climate change research. Are there international adaptation focussed research opportunities which Scottish-based academic work should focus on?

**Bangladesh is known for its adaptation work so Scotland could learn from this.**

22. Both public finance and mechanisms to leverage greater private finance will be required to deliver adaptation action. What do you see as the main barrier to private investment for adaptation action?

**Difficulty in demonstrating returns on investment.**

23. How can SG support/incentive more private investment?

**Blended finance models and open data platform and industry-led common metrics to quantify returns on investment. Countries that can demonstrate they have adapted to climate change may be seen as more attractive in regards general investment.**

24. The draft Adaptation Plan sets out plans to develop an adaptation monitoring and evaluation framework. Our proposed approach is for annual reports to include a set of quantitative indicators to monitor progress to the Adaptation Plan's objectives. In addition, we propose to publish a baseline at the start and report on progress at the end of the Adaptation Plan to track longer-term outcomes. Do you agree with the proposed approach to monitoring adaptation?

**Agree**

25. Do you have suggestions of data or indicators that could be used to track adaptation outcomes in Scotland?

**Recorded impacts of climatic events on buildings and infrastructure.**

26. What, if any, impacts do you think this Adaptation Plan will have on groups/individuals who share the aforementioned protected characteristics?

**Cannot think of any impacts, adaptation should benefit all.**

27. What, if any, measures could be taken to strengthen any positive impacts or lessen any negative impacts in this respect?

**Public engagement promoting and demonstrating benefits of adaptation.**

28. What, if any, impact do you think this Plan will have on inequality caused by socioeconomic disadvantage?

**Positive impact as helping prevent negative impacts of climate change on those considered socially and economically disadvantaged.**

29. What, if any, measures could be taken to strengthen any positive impacts or lessen any negative impacts in this respect?

**Public engagement promoting and demonstrating benefits of adaptation.**

30. What, if any, impact do you think the Adaptation Plan will have on children's rights and wellbeing?

**Positive as helping prevent negative impacts of climate change.**

31. What, if any, measures could be taken to strengthen any positive impacts or lessen any negative impacts in this respect?

**Public engagement promoting and demonstrating benefits of adaptation.**

32. What, if any, impacts do you think the Adaptation Plan will have on Island communities?

**Positive with Island communities possibly being particularly susceptible to negative impacts of climate change.**

33. What, if any, measures could be taken to strengthen any positive impacts or lessen any negative impacts in this respect?

**Public engagement promoting and demonstrating benefits of adaptation.**