The Highland Council

Agenda Item	6i
Report No	CCC/18/25

Committee: Climate Change

Date: 13 August 2025

Report Title: Net Zero Programme Update

Report By: Assistant Chief Executive - Place

1 Purpose/Executive Summary

- 1.1 The purpose of this report is to provide an update on the Net Zero Programme and to present the fifth tranche of projects for inclusion in the Programme.
- 1.2 The content and structure of the report is intended to:-
 - assist Member scrutiny and performance management;
 - inform decision making and aid continuous improvement; and
 - provide transparency and accessibility

2 Recommendations

- 2.1 Members are asked to:
 - i. **Scrutinise** and **note** progress to date as outlined in the report and Appendix 1 of the report; and
 - ii. **Agree** to recommend to Council the approval of the project brief templates in Appendix 2 of the report for inclusion in the Council's Net Zero Programme.

3 Implications

3.1 **Resource** – A <u>revised approach</u> for the future delivery of the Net Zero Strategy was approved by the Climate Change Committee in May 2024. The Climate Change and Energy Team (CCET) continues to work closely with services to develop and deliver projects that will accelerate the Council's transition to Net Zero and becoming a climate-ready organisation. Resource implications (staff and funding) will be considered on a project-specific basis.

- 3.2 **Legal** The Council has several requirements in respect of reporting against its climate change obligations, in addition to being required to directly support Scotland's target to end its contribution to climate change no later than 2045.
- 3.3 **Risk** Failure to proactively address the climate and ecological emergency across all service delivery areas carries significant reputational and operational risk. It may also limit access to external funding limit opportunities to secure external funding.

Audit Scotland's <u>briefing</u> highlights that urgent action is needed to build resilience against climate impacts already underway. Without swift action to reduce emissions and improve adaptation, severe and widespread disruption is expected, particularly to essential systems such as food supply, water resources, housing and infrastructure.

- Health and Safety (risks arising from changes to plant, equipment, process, or people) There are no implications arising from this report. However, health and safety will be addressed in the Council's Adaptation Strategy and Action Plan which is being developed as part of the Net Zero Programme.
- 3.5 **Gaelic** there are no implications arising from this report.

4 Impacts

- 4.1 In Highland, all policies, strategies or service changes are subject to an integrated screening for impact for Equalities, Poverty and Human Rights, Children's Rights and Wellbeing, Climate Change, Islands and Mainland Rural Communities, and Data Protection. Where identified as required, a full impact assessment will be undertaken.
- 4.2 Considering impacts is a core part of the decision-making process and needs to inform the decision-making process. When taking any decision, Members must give due regard to the findings of any assessment.
- 4.3 This is a monitoring and update report and therefore an impact assessment is not required.

5 Net Zero Programme

5.1 Overall RAG Status

The Programme has been ragged as **Amber** due to slippage in respect of the following key milestone:-

 Shared Procurement Service to evaluate and propose alternative carbon budgeting tools

Slippage in respect of the evaluation of the carbon budgeting tools will impact the timeline for the introduction of service carbon budgets/emissions targets. This milestone is not only critical to the success of the Net Zero Programme but is also listed as a mitigating action in the Council's Corporate Risk Register, with a due date of August 2025.

5.2 **Scope 3 Emissions**

Scope 3 emissions account for the largest share of the Council's overall carbon footprint. These indirect emissions arise from the wider value chain - including the procurement of goods, works, and services, as well as construction activities - and will be critical to address in achieving Net Zero.

Highland Council is not alone in facing challenges in this area. Public sector organisations across Scotland are grappling with how to measure and reduce Scope 3 emissions. These emissions are inherently complex, and there is currently no standardised or universally accepted methodology for their calculation. Across the sector, work is ongoing to pilot tools and develop new methodologies to support more consistent and transparent reporting.

To date, the Council's statutory climate reporting has focused primarily on Scope 1 and Scope 2 emissions - those directly associated with building energy use and fleet operations. However, future reporting requirements will increasingly include Scope 3 emissions, in line with the national and international shift toward whole-system decarbonisation.

Developing the capability to measure, report, and reduce Scope 3 emissions will be essential in building a complete understanding of the Council's climate impact. This in turn will support more effective prioritisation of actions and resources where the greatest emissions reductions can be achieved.

5.3 **Key Milestones**

Progress regarding milestones is outlined in the table below:-

Timeline	Milestone	Current status	Comments
Completes March 2027	Develop proposed projects for inclusion in Net Zero Programme	On Target	27 projects have been approved to date. The Climate Change & Energy Team continues to work closely with services across the Council to develop projects that will be brought to the Climate Change Committee.
Completes May 2025	Shared Procurement Service to evaluate and propose alternative carbon budgeting tools	Slippage	Oxygen has submitted a first draft of their report; however, it requires further refinement. The Shared Procurement Service has raised several queries to assess the robustness of the data provided. To date, no response has been received from Oxygen, and the matter has been escalated as a potential risk.

			A meeting between the Head of Service and Oxygen has been scheduled to address the outstanding issues. Following this, an update or change request will be issued based on the agreed outcomes.
Completes August 2025	Service carbon budgets/emissions targets approved	Slippage	The above milestone is an essential component in the development and introduction of service carbon budgets and emissions targets. Slippage in respect of the evaluation of the carbon
			budgeting tools will impact the timeline for the introduction of service carbon budgets/emissions targets.
Completes September 2025	Net Zero embedded in Capital Programme	On Target	On 26 May, the Capital Board agreed to a three-month trial to evaluate various tools to assess embodied, operational, and maintenance carbon emissions.
			It was agreed that three live projects (new build, retrofit, infrastructure) would be identified and nominated, with the trial commencing in July.
			At the Capital Board on 23 June, the Corran Ferry was confirmed as the infrastructure project. The retrofit and new build projects will be agreed at the upcoming Property and Education & Learning Capital Programme Board meeting.
Completes June 2025	Agreement and introduction of core KPIs to be reported at both a Corporate and Service Level	On Target	Draft Key Performance Indicators (KPIs) to support the embedding of Net Zero across the organisation are currently under review by the Climate Change & Energy Team. These indicators are being assessed for relevance, measurability, and alignment with strategic targets.

			The draft KPIs will be presented to the Net Zero Strategy Group in July for feedback and refinement. Following this stage, the finalised KPIs will be submitted to the Portfolio Board for approval.
Completes August 2025	Approval of an Adaptation Strategy for the Council	On Target	Draft Adaptation Strategy to be brought to the Climate Change Committee in August.

5.4 Key Risks

The key risks for the programme currently being managed and monitored via PRMS are as follows:-

VEV DICKE ACCECCED / DECDONCE	RRENT RATING	RESPONSE
Net Zero: Failure to align our budget expenditure	16	Treat
Net Zero: Emissions Targets Not Met	9	Tolerate
Net Zero: Service Engagement with Net Zero Agenda	9	Tolerate

Further information regarding key risks for the programme are detailed within the Delivery Plan Reporting – Progress Update Q1 2025/26 on this agenda.

- 6 Net Zero Programme Quarterly Projects Update
- 6.1 **Appendix 1** outlines progress of the projects approved to date.
- 7 Net Zero Thematic Group Updates
- 7.1 A <u>revised approach</u> for reporting was agreed by the Climate Change Committee in May 2024. This includes each thematic group reporting to the Committee on at least an annual basis, providing an update on progress/achievements, challenges, and proposed actions. An update from the Capital Programme and Net Zero Funding Strategy thematic group, presented at the May Committee, concluded the first full cycle of annual updates from all seven thematic groups.

7.2 Waste

At the Climate Change Committee in May 2025, Members requested an overview of the waste audits recently undertaken in schools. This information is detailed within the Waste Thematic Group Update report, included on this agenda as Item 6ii.

7.3 Planning, Land Use & Environment

An update from the Planning, Land Use and Environment Thematic Group is included on this agenda as Item 6iii.

8 Net Zero Programme – fifth tranche of projects

8.1 Six project templates within **Appendix 2** have been developed for consideration by the Committee detailing the planned activity, milestones and measures of success for each project.

Designation: Assistant Chief Executive - Place

Date: 10 July 2025

Authors: Fiona Daschofsky, Programme Manager

(Climate Change & Energy Team)

Background Papers: None

Appendices: Appendix 1 – Net Zero Programme – Project Updates

Appendix 2 – Project Brief Templates

Built Estate & Energy						
Project	Activity	Project Elements	Measures of Success	Milestones	Update - May 2025	Update - August 2025
Net Zero Transition Surveys	Undertake surveys of 300 non- domestic Council properties to evaluate and identify measures required to transition to Net Zero carbon emissions	Carry out physical surveys and associated analysis to prepare site-specific reports detailing measures required to transition to Net Zero Compile database of costed opportunities Identify, and where deemed cost-effective, to progress implementation of cost reduction opportunities and projects	• Year 1 – 35% of properties surveyed • Year 2 – 65% of properties surveyed • Year 1 – 20.20m of opportunities implemented • Year 2 – £0.45m of opportunities implemented • Year 3 – £0.45m of opportunities implemented	M1 - Plan agreed - Apr 24 - Aug 24 M2 - 1st Tranche properties surveyed - Apr 24 - Mar 25 M3 - 2nd Tranche properties surveyed - Apr 25 - Mar 26	Staff recruitment complete, programme progressing well. Presentations ongoing with occupying services, including progression of behaviour-related measures. Desktop reviews completed 68 Site visits completed 98 ECM analysis completed 21 NZA Report in review 12 NZA report completed 22	Programme progressing in line with schedule. Cumulatively 163 surveys undertaken, 75 reports completed. Liaison ongoing with Property with respect to scheduling and implementation of related energy efficiency projects.
Solar PV Council Estate	Optimisation and expansion of solar PV across the Council's non-domestic, non-commercial estate to supply green energy by direct wire; delivering a financial and carbon saving and protecting against future carbon tax liability.	Identify and rank Council-owned/occupied sites Undertake any remedial works required Design and install Maintenance regimes, compliance and certification built into management of the sites	100% existing sites operational and generating energy Income: £1.3m by year 3 rising to £2m p/a Increase in installed generation capacity Reduced electricity costs for service users Reduction in Council CO2 emissions	M1 - 04/24: >50% of total generation re- activated M2 - 04/24: Financial model signed off M3 - 05/24: 2024/26 Project and Programme in place M4 - 03/25: 60% of 1MW of new installation completed M5 - 09/25: 1MW of additional new installation completed M6 - 03/26: 1MW additional generation p/a up to 5 years	Significant strides have been made in 2024/25 to re-energise our energy assets across the estate, delivering financial savings, reducing emissions, and laying the foundation for further investment in renewable energy. Key Achievements in 2024/25 *Energy Generated: Over 1.29 million kWh of electricity was generated across operational solar PV systems. *Cost Savings: This generation has resulted in estimated savings of over £400,000. *Recommissioning Programme: The first re-energised system came back online in August 2024. *New Installations: An additional 256 kW of solar PV capacity was installed. *Operational Capacity: As of March 2025, 88% of the Council's total installed generation capacity is operational. Following 6 sites identified for priority progression. Detailed design to be co-ordinated in-house to be taken to next stage of business case submission. *Grant House Resource Centre* *Highland Folk Museum* *Deshar PS* *Waste Transfer Station – Longman* *Rugby Club*	Work progressing with respect to implementing an inspection and maintenance programme utilising the Council's Energy Efficiency Framework. (10 Solar PV Contractors). Deshar PS scheduled for installation Jul/Aug 25 (summer holiday period). Remaining scheduled sites continue to be developed, however SSN engagement and approval for grid connections have proven to be longer than anticipated. To maintain momentum the following sites, which have no SSEN limitations, are planned to be progressed in the short term: Thurso Swimming Pool, Broadford Roads Depot, Poolewe PS, Cromarty PS, Deshar PS (Nursery), Banavie PS. Inverlochy PS.
Conversion of Fossil Fuel Systems	Undertake detailed heating system options appraisals for properties with aged and poor condition fossil-fuel based heating systems.	Carry out options appraisals to determine how the heating systems can be converted to non-fossil fuel alternatives that support the transition to Net Zero carbon emissions	Undertake 6 options appraisals on heating systems which have less than 5 years' life expectancy Define and consult upon report format and content to ensure fitness for purpose Complete by end of December 2025	M1 - 08/24 - Agree selected properties M2 - 12/24 - Complete options appraisals and associated reports for internal issue for review M3 - 02/25 - Incorporation into planned maintenance works for approved projects	Workstream flowchart developed and approved. Additional sites awaiting inspection, however staff resources currently allocated to other priority workstreams.	Work undertaken upon specific request by Property, including Council HQ and Kilchoan PS.

Net Zero Design Standards	Determine and agree net zero design standards applicable for non-domestic new builds and refurbishments.	Review current guidance and legislation to determine the appropriate design standard for all categories Update and publish technical specifications and associated guidance documentation Information and knowledge through workshops for dissemination to relevant parties	Production of technical standards and guidance Production of compliant life cycle analysis reports for new buildings Post occupancy evaluation demonstration of meeting operational energy targets Compliant building carbon strategy documentation	M1 - 08/24: Solar PV technical specification adopted for all new domestic and non-domestic applications M2 - 01/25: Interim technical specification and guidance M3 - 01/26: Update of interim technical specification and guidance M4 - 08/26: Finalised technical specification and guidance published	Progress has stalled over the last couple of months due to staffing resources, relating to long-term staff illness and resources in the Energy Team tasked with carrying out the review have been deployed on other priorities. The review of the initial draft is planned to take place in April by the Energy Team and external resources are being sought to cover the Design & Construction resource gap.	No further progress.
Planning, Land Use & Environ	ment					
Project	Activity	Project Elements	Measures of Success	Milestones	Update - May 2025	Update - August 2025
Address Ecological Emergency	Implement priority actions identified in the Council's Ecology Strategy	Map and quantify greening opportunities across Council Estate Utilise biodiversity in green space to reduce grass cutting across Council Estate Develop and deliver a suite of greening projects across Council Estate Secure external funding to support Council and community greening projects (Nature Restoration Fund) Strategies and policies developed aligned to the Ecology Strategy Secure funding and further develop management plan for World Heritage Site (WHS)	• 10 Council estate Greening projects delivered annually • Pipeline of projects identified, and delivered for biodiversity • Management plan for WHS finalised • Ash dieback mapped and managed across the estate • Identify number of policies to be aligned to the Ecology Strategy • Major planning apps assessed in line with NPF4 biodiversity policies • Funding secured for WHS (£600k) • Recruitment of planning ecologists	Community grant scheme launched	completion. M7 - to be actioned this F/Y	M1 complete M2 complete M3 Started in post end March 2025. Currently reviewing methodology for identifying and mapping ash dieback. M4 complete M5 complete. Both Flow Country Partnership Manager (start date 7 July 25) and World Heritage Site Coordinator recruited (start date 11 August 25) M6 Community food growing opportunity mapping completed - internal consultation to be arranged. M7 Pending. NRF - Community grant scheme to be relaunched later this quarter. New shared Biodiversity Officer post created to lead on deliverying against Actions in the Ecology Strategy and to support Amenity Services.
Nature Networks	Create Nature Networks by identifying and mapping Nature Networks in Highland and strengthening connections between them to support improved ecological connectivity	Identify and map potential high level Nature Networks across Highland. Carry out workshops with partners and stakeholders to refine existing and potential new local Nature Networks Identify, with partners and stakeholders, and map the first phase of Local Nature Conservation Sites (LNCSs)	Nature Networks identified and mapped as part of the Local Development Plan. Identify 10 opportunities to strengthen or create new Nature Networks. Establish panel to identify and designate LNCSs. Through the planning process Nature Networks provide opportunities for developers to focus and deliver biodiversity enhancement obligations.	M1 - 11/24: Establish baseline GIS dataset to include statutory and non- statutory designations, HABMap and key geographical map data M2 - 11/24: Start mapping potential existing Nature Networks (focusing on Inner Moray Firth area) M3 - 12/24: Carry out first workshops (focusing on Inner Moray Firth area) with stakeholders to refine map-based Nature Networks M4 - 04/25: Identify LNCS (ongoing) and start the designation process (April 2025) M5 - 08/26: Completion of Highland Nature Networks		M1 complete M2 Underway for the IMF area. M3 Workshops and stakeholder group meeting completed on 9th June and 26th June. Further engagement to take place with NatureScot 1 July 25. M4 Underway for IMF area. This is a component part of Nature Network mapping. LNCS currently being identified and mapped - consultation and designation aligned with LDP timescales. M5 first iteration of Nature Networks will be completed in line with LDP timescales.

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Kingussie Flood Protection	The Gynack Burn, which flows through	Identification of environmental constraints	Stabilisation of previously erodible	M1 - 02/24: Fluvial Audit (complete)	External review of proposed natural bank restoration work concluded	Review of potential in channel interventions identified no feasible
	Kingussie, overtops during high rainfall	Design of natural bank protection works	banks	M2 - 04/24: Bank stabilisation design	that scope of works was prohibitive to reducing value of tenders.	measures.
	events, resulting in flood damage to	Establishment of joint working with Network Rail	Reduction in sediment transportation	(complete)	Estates Team were also concerned about the scale of interventions	
	roads, railway, parks and buildings	Collaboration with Estate	in watercourse and subsequent	M3 - 09/24: Return of Tenders for works	planned.	Property level resilience for at risk properties being investigated.
	within the village. Previous modelling	 Procurement of Contractor to undertake works. 	deposition below road/rail bridges.	M4 - 10/24: Award construction works	Decision taken to withdraw this particular element of works.	
	work by the Council has established	Construction Works	Reduction in future watercourse	M5 - 12/24: Complete works on site	Ongoing review of alternative interventions is being looked at that will	No works within financial year 24/25.
	the main cause of the problem being	Monitoring	maintenance works (dredging)		reduce likelihood of culvert/bridge blocking in future. No works within	
	reduced capacity under road and rail		THC/Network Rail collaboration to		financial year 24/25.	
	bridges due to build-up of sediment		deliver project.			
	and gravel beneath the bridges.		Progression to next section of erodible			
	Flooding leads to costly and energy		banks.			
	intensive clear up operations as well					
	as increased watercourse					
	maintenance works to remove the					
	large build-up of sediment that has					
	raised the bed of the channel.					
	The works proposed involve the stabilisation of the banks of the		1	1		
	Gynack Burn further upstream where		1	1		
	erosion is prevalent, the methods					
	proposed are green bank protection					
	providing a natural response, reducing					
	sediment load in the watercourse.					
Coastal Change Adaptation	Within The Highland Council area the	Development of a CCAP	Develop a plan to address the highest	M1 - 10/24: Finalisation of Regional	Regional Coastal Change Adantation Plan being taken to May L. F.& F.	Regional Chastal Change Adaptation Plan approved at May I. F.& F.
Coastal Change Adaptation	Within The Highland Council area, the	Development of a CCAP Case Studies - focus on Relic Defences at 2	Develop a plan to address the highest risk areas of coastal.	_	Regional Coastal Change Adaptation Plan being taken to May I, E & E	Regional Coastal Change Adaptation Plan approved at May I, E & E
Coastal Change Adaptation Plan (CCAP)	coastal zone is home to much of the	Case Studies – focus on Relic Defences at 2	risk areas of coastal	level Coastal Change	Regional Coastal Change Adaptation Plan being taken to May I, E & E Committee for approval.	Regional Coastal Change Adaptation Plan approved at May I, E & E Committee.
	coastal zone is home to much of the population, and contains significant	· ·	risk areas of coastal flooding.	level Coastal Change Adaptation Plan	Committee for approval.	Committee.
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r	I	I	T		To	T., .,
	Enhance the Council's approach to	Review stock information to derive a clear	Approach established for achieving	M1 - 11/25: Report to Housing and	Delivery of the 2024-25 HRA Capital Programme is near completion	Significant progress has been made with Finance colleagues to provide
	achieving the Local Housing Strategy	understanding of current energy efficiency status	proposed SHNZS and alleviating fuel	Property Committee outlining analysis	and will be reported to August Housing & Property Committee. This	a rent model to develop a longer-term rent strategy. The focus of the
	2023-28 Outcome 4, "Partnership and	and the works required to achieve proposed Social	poverty in the Highlands.	of stock, understanding of current	involves a significant number of energy works across the HRA stock.	rent strategy is to ensure that borrowing against the Housing Revenue
	innovation builds capacity in Highland	Housing Net Zero	Establish accurate costing against	energy efficiency and requesting	The estimated HRA Capital investment in energy efficiency works is	Account is sustainable and that this provides the funding needed for a
	so that housing condition and energy	Standard (SHNZS).	housing stock types.	approval to change current HRA funding	£16.9m. There have been ongoing discussions with Finance and	new Housing Capital Programme 2027-2032. The new Capital
	efficiency improve and all homes to	Review HRA budget allocations	5 whole house retrofit feasibilities	structure.	colleagues involved in asset management as to:	Programme will target energy efficiency work to our stock and the
	move towards net zero."	Revise area-based funding allocation to ensure	completed per annum.	M2 - 11/25: Review of Policy	stock viability assessment and 30-year capital programming and	allocated investment will allow external funding to maximise the extent
		that properties of the greatest need (energy	Increased HRA capital budget	approach/Amendment Review progress	2. HRA	of energy and external fabric works across more of our houses. The
	This will be achieved through	inefficient, off-gas, rural properties in Council tax	allocation to energy efficiency works.	of Local Housing Strategy.		proposals around the new Capital Programme and the funding to
	reviewing existing housing stock with a	bands E-G) are	Pipeline of shovel-ready energy	M3 - Ongoing: Identification of priority		sustain it, will be presented to November Housing & Property
	focus on energy efficiency status,	prioritised for energy efficiency works.	efficiency projects.	projects.		Committee.
	adopting whole house retrofit	Undertake feasibility studies for energy efficiency	Tracking the reduction in carbon			
	approach to support the reduction of	projects including costings.	emissions (aligned with Highland			
	fuel poverty and improving the	Review current process for tenant opt-out.	Council carbon emission targets).			
	efficiency of Council properties in line					
	with Net Zero Standards.					
	Review of HRA Capital Plan to remove					
	barriers in achieving targets while					
	incorporating the					
	requirement to secure external					
	funding to support delivery.					
	randing to support dollrery.					
Energy Efficient Homes - Caol	Utilise grant funding to support the	Align delivery of retrofit works to social & private	90% of allocated properties improved	M1 - 07/24: Completion of 2 pilot	M1 - complete	M1 - complete
	delivery of a retrofit project to 32	properties in Caol.	50% (min) of external funding	properties	M2 - complete	M2 - complete
	properties located in Caol.	Maximise and manage external funding, including	leveraged	M2 - 08/24: Building Warrants approved	M3 - on track	M3 - Delayed by 2 weeks
		ECO4 and Scottish Government EES:ABS enabling	100% of properties EPC C or above	M3 - 06/25: Project completion	M4 - on track	M4 - on track
	Properties are all Swedish Timber	funds.		M4 - 09/25: Project close report,		
	construction, off gas and existing roof	Improve condition of housing stock and reduce	Delivery of place-based project	including monitoring and evaluation	Additional comments:	- DNO approval received
	contains asbestos. Scope of works	fuel poverty.	including socially and privately owned	3	- 29 properties complete, pending final snagging list review and sign off	1 ''
	includes: external wall insulation.		properties.		- 2 further tenant opt-outs midway through installations.	Additional comments:
	removal of asbestos roof, new roof				- DNO approval received	32 Council properties instructed
	with in-roof solar, insulation lofts					- 2 opt-outs
	(where required) and installing air				Works to 48 private properties underway, SSE Renewables approved	
	source heat pumps (some properties				additional grant funding to support private households.	Progress to date:
	already have a heat pump).				additional grant failuring to support private nousenotes.	- 23 properties complete, pending final snagging list review and sign off
	anday have a near painty.					by the 11-July-25
	Project to achieve a minimum of 50%					- 7 properties signed off
	external funding on eligible works.					- 2 partial opt-outs.
	externat fulluling off etigible WOLKS.					- 2 partial opt-outs.
						Works to 49 private properties are complete.
						works to 45 private properties are complete.
	l				1	

Energy Efficient Homes -	Utilise SHNZF, ECO4 and EES:ABS	Align delivery of retrofit works to social & private	80% of allocated properties improved	M1 - 07/24: Submit revised project plan	M1 - complete	M1 - complete
Balintore (mixed tenure)	funding to support the delivery of a	properties in Balintore.	• 50% (min) of external funding	to SG	M2 - complete	M2 - complete
	mixed-tenure retrofit project to	Secure external Social Housing Net Zero Funding	leveraged	M2 - 08/24: Procurement complete	M3 - complete	M3 - complete
	properties located in Balintore.	(SHNZF) and ECO4 funding.	100% of properties EPC C or above	M3 - 09/24: Building warrants approved	M4 - complete	M4 - complete
		Improve condition of housing stock and reduce	Meeting standards, including EESSH2		M5 - on track	M5 - delayed 2 weeks
	Properties are all Norwegian Timber	fuel poverty.	Delivery of place-based project	M5 - 06/25: Project completion	M6 - on track	M6 - on track
	construction and off gas.	Support regeneration of the area.	including socially and privately owned	M6 - 09/25: Project close report,		
			properties.	including monitoring and evaluation	Additional comments:	DNO approval received
	Scope of works includes; external wall		F		- 30 properties complete as of 31-Mar-25, pending final snagging list	
	insulation, new windows & doors, new				review and sign off.	Additional comments:
	roof with in-roof solar,				- 8 Properties signed off	8 additional properties were instructed
	insulation lofts (where required) and				- DNO approval received	- 1 opt-out
	installing air source heat pumps				* *	,
	(some properties already have a heat				- 1 Property opted out mid-way through installations.	- 1 opted-out mid-way through
					44 Drivets and drivets have been supported 40 will be included in the	A forth 00 additional more attackment
	pump).				11 Private properties have been surveyed, 10 will be included in the	A further 20 additional properties instructed
					programme.	- works commenced mid-June 25
	Project to achieve a minimum of 50% external funding on eligible works.					Progress to date:
	externat funding on engible works.					- 10 properties complete, pending final snagging list review and sign off
						- 35 Properties signed off
						Works to 10 Private properties have been completed.
						works to 10 Private properties have been completed.
Energy Efficient Homes –	Prioritise economies of scale and full	Steer capital investment towards a retrofit	100% of properties EPC C or above	M1 - 01/24: Initial tenant engagement	M1 - Completed	
Full Retrofit Balintore	house retrofit approach while	approach.	Meeting standards, including EESSH2		M2 - Completed	
(Highland Council)	delivering Energy Efficiency	Explore externally funded opportunities and mix	and future compliance		M3 - Completed	
(Hightania Councit)	0 0, ,	tenure project delivery.	80% of allocated properties improved	contractors appointed	M4 - Completed	
	Investment in Highland Council	Improve condition of housing stock and reduce	• 50% (min) of external funding	M3 - 08/24: Second tenant engagement		
	properties.	fuel poverty.	leveraged		M6 - On track	
		Support regeneration of the area.		M4 - 09/24: Technical specifications		
	Utilise available capacity to deliver 2			agreed		
	simultaneous projects to one area, 2			M5 - 10/24: Installations commence		
	project management			M6 - TBC: Project completion		
	teams – 2 contractors, same energy			M7 - TBC: Project close report, including		
	efficiency measures. 59.55%			lessons learnt		
	properties in area included.					
	Introduce ECO4 funding to our current					
	capital works delivery programme to					
	enhance project's scope.					
	Dranastica are all Timber const					
	Properties are all Timber construction					
	and off gas.					
	Scope of works includes; external wall					
	insulation, new windows & doors, new					
	roof with in-roof solar,					
	insulation lofts (where required) and					
	installing air source heat pumps.					
	•			•	•	

GBIS - CWI for Social Properties	Utilise Great British Insulation Scheme (GBIS) to deliver cavity walt insulation (CWI) to Council-owned houses. Eligible properties will be insulated and ventilation upgraded (where required) as part of this project. Align delivery of HRA and private properties to create economies of scale and maximise external funding.	Determine eligible properties Maximise and manage external funding Improve the energy efficiency of properties Undertake external drill tests to confirm property suitability Review opportunities to scale up the project	100 properties to receive CWI 97% external funding leveraged Delivery of place-based project including socially and privately owned properties EPC improvements, including increase in SAP rating and reduction in carbon emissions	M1 - 09/24: Project approval M2 - 03/25: Project completion M3 - 05/25: Project close report, including evaluation M4 - Ongoing: Identification of priority areas	M1 - complete M2 - on track M3 - on track M4 - ongoing, initial areas have been identified Additional comments: - 9 CWI completed under GBIS - The 9 properties were located in Ross & Cromarty - Project has been superseded to the D-C Highlands Project (ECO) from 6-Jan-25 to include Solar PV, ASHPs, CWI extractions and all other insulation measures excluding external wall insulation (EWI) at this stage.	Project superseded to the D-C Highlands Project (ECO).
D-C Highlands - Council Properties (ECO funded)	Utilise the Energy Company Obligation (ECO) funding to deliver insulation measures, including cavity wall insulation extraction and fill, room-in-roof insulation, loft insulation, internal wall insulation but excluding external wall insulation (EWI) at this stage. Additionally, install Solar Photovoltaic (Solar PV) panels and Air Source Heat Pumps (ASHP) in Council-owned properties. Where insulation is installed, ventilation will be upgraded as required. Measures will be installed based on the properties' eligibility and suitability as outlined by the funding criteria. Align the delivery of Housing Revenue Account (HRA) and private properties to create economies of scale and maximise external funding.	Determine eligible properties Maximise and manage external funding Improve the energy efficiency of Council properties Undertake external drill tests to confirm property where required suitability Review opportunities for fully and partially funded projects.	*% of dwellings with a SAP rating of C or above after energy efficiency works Leverage over £6m of external funding Delivery of place-based project including socially and privately owned properties *% tenant opt-in for energy efficiency works	M2 - 12/25: Project completion	M1 - complete M2 - on track M3 - on track M3 - on track M4 - ongoing, initial areas have been identified Additional comments: - Works commenced 6-Jan-25 - GBIS Project has been superseded to D-C Highlands Project (ECO funded) from 6-Jan-25 to include Solar PV, ASHPs, CWI extractions and all other insulation measures excluding external wall insulation (EWI) at this stage. Progress to date: - 38 Surveys booked - 90 Surveys complete - 130 Installs booked - 63 Properties complete - 10 Partially installed properties - 12 CWI Extractions complete - 10 CWI fills complete total - 73 Solar PV installs complete - 4 ASHP installs complete - 53 Refusals - This has been completed mostly in the Ross and Cromarty area and we have now started contacting properties in Caithness from WC 10.03.25	M1 - complete M2 - on track M3 - on track M4 - ongoing, initial areas have been identified Additional comments: - Installations have been completed or partially completed in Ross and Cromarty, Caithness, and Lochaber. We are now in the process of contacting residents and scheduling surveys in Badenoch and Strathspey, as well as Inverness. Progress to date: - 19 Surveys booked - 474 Surveys complete, booking for install (including partial installs) - 207 Projects complete (including submitted) Measures installed (complete): - 48 Cavity wall insulation - extraction and refill - 10 Cavity wall insulation - virgin fills - 217 Solar PV - 73 Air source heat pumps - 6 Room-in-roof insulation - 23 Loft insulation
Project	Activity	Project Elements	Measures of Success	Milestones	Update - May 2025	Update - August 2025

Recycling Infrastructure Improvements across the Estate Estate Introduce twin-strean systems across the C accelerate progress to targets. Reducing non and increasing the qu of recycling will reduc emissions associated waste treatment, addi associated with waste processing recycling will These changes will als accompanied by the e waste collection in sp geographical areas.	uncil Estate to wards meeting - Improve recycling infrastructure across the recycling waste Council estate through the roll out of twin-stream recycling systems. - Expand the food waste collections in schools and other Council premises in specific geographical areas. - Targeted communications campaign to support the roll out of new recycling systems. - Development of Waste E-learning module as part of Mandatory Net Zero training	Reduce food waste by 33% by 2025 Recycle 70% of remaining waste by 2025 Send no more than 5% of remaining waste to landfill by 2030 Cost savings benefits (£0.365m 24/25 and £1.695m 25/26 – total external and internal waste) associated with waste disposal.	M5 - 11/24: Caithness	Twin-stream recycling infrastructure rolled out to date in Dingwall County Buildings; HQ, Inverness; Wick; Drummuie, Nairn and Osprey House. Communications issued on Staff Connections, Viva Engage and targeted comms to staff at the above locations. Recycling infrastructure will be piloted in Kingussie High School and Inverness Royal Academy, with a view to building the case for resource to enable the further roll-out of infrastructure to all schools across Highland. Kingussie High School, outwith food waste collection area, will also consider piloting composting. Waste audits undertaken in Kingussie High School and Inverness Royal Academy during March to benchmark waste and recycling rates in schools and to inform recycling infrastructure requirements. Waste audit scheduled for HQ, Inverness for w/c 28 April. Representatives from CCET and Waste attended FM Area Meetings in March (North and South) to highlight the roll-out of recycling infrastructure, the pilot projects, and to seek feedback from FM staff.	An update on the work being progressed through the Waste Thematic Group will be presented to the Climate Change Committee in August. This will include: *An overview of the waste audits completed at Kingussie High School, Inverness Royal Academy and HQ, Inverness. As ummary of next steps, including the development of a Corporate Waste Strategy for all Council premises.
Re-Use Portal Develop and pilot an i redistribute resources organisation such as f fixtures, fittings, school materi consumables. Additionally, identify of would purchase used organisations/charitie take assets no longer requing Council to avoid items disposal	within the pe user-led or automated to minimise the resources required to run the platform • Development of guidance including items that can be redistributed via the portal (e.g. ICT equipment must be returned directly to ICT) ompanies that rurniture, and/or organisations/charities that would buy or reuse assets no longer required by the Council	Reduced procurement spend Reduced waste disposal costs Minimisation of waste Reduced associated carbon emissions Cost avoidance – subscription fees of using an external provider in respect of the portal	M1 - 01/25: Develop and test portal M2 - 02/25: Draft guidance to address potential issues such as electric items with no current PAT test; suitably trained officers for heavy lifting; expected minimum condition of furniture etc. M3 - 02/25: Launch and promotion of portal M4 - 08/25: Evaluate pilot	Several cross-service meetings have been held with representatives from CCET, Waste, Facilities Management, Business Support and Asset Management. The pilot was also highlighted at the FM Team Meetings (North and South) held in March. Draft processes developed regarding the redistribution of Council assets. Storage remains a key challenge. A number of assets are currently stored at Dochfour Huts which are due to be demolished. Asset Management team will look to create an inventory for Dochfour, including items reserved. The team are also looking to identify an alternative storage location. New Start Highland have expressed interest in terms of bulky items whilst the Highlands & Islands Climate Hub have advised they would be able to share potential opportunities with community groups etc. Information can also be included in the Community Briefing issued fortnightly by the Council to Community Councils and Social Enterprises. ILM Highland have expressed interest in electrical items. Colleagues from CCET, Waste and Asset Management have met with the Secretariat to the Environment and Economy Leaders' Group (EELG) who are looking to find opportunities to recycle unwanted office furniture; mainly in the Inverness area. This was followed up with an introductory meeting with Forestry Land Scotland. The Asset Management team is working with Principal Estates Surveyor, Scottish Government, representing the EELG group on asset consolidation and aligning the Council's approach with their single Scottish estate project/concept.	Storage and transport of assets remain key challenges. However, a dedicated storage solution has been established in Inverness to help address this issue. In parallel, new processes are in development.

Reusable Lunch Packaging	Pilot reusable lunch packaging in	Conduct waste audit to identify baseline waste	Reduced procurement spend	M1 - 03/25: Waste audit undertaken at		Waste audit results will be presented to the Climate Change
	Kingussie High School with the aim of	composition and associated carbon and cost.	Reduction in waste, associated	Kingussie High School		Committee in August.
	reducing the amount of single-use	Identify and implement recycling infrastructure	disposal costs and carbon emissions	M2 - 03/25: Cross-service meeting held		Reusable items have been ordered.
	canteen containers disposed of.	requirements in KHS.	disposar costs and carbon critissions	with representatives from KHS,		Communications and engagement materials are in development to
	canteen containers disposed of.	Communication and engagement activities to		Facilities Management, Catering, Waste		support the pilot of the reusables and the recycling infrastructure.
	This activity is part of a wider project to			and CCET		support the pilot of the reasables and the recycling initiastructure.
	This activity is part of a wider project to					
	benchmark waste and recycling rates	infrastructure and reusable pilot.		M3 - 09/25: Programme of		
	in 	Roll-out reusable lunch packaging to Kingussie		Communication and Engagement		
	schools.	High School.		activities to support the roll out of		
		Promote, support and integrate waste hierarchy		recycling infrastructure and reusable		
		principles into the		pilot		
		Sustainable Learning Settings' 4 C's (Curriculum,		M4 - 09/25: Roll out of recycling		
		Campus, Culture and		Infrastructure at KHS		
		Community) through engagement, learning and		M5 - 09/25: Roll out reusable Lunch		
		incentives.		packaging at KHS		
				M6 - 04/26: Evaluate pilot and consider		
				further roll-out		
Members' Catering	At the January Climate Change	Review current process for ordering catering	Reduced food waste	M1 - 05/25: Review current process		A proposal will be presented to the Senior Leadership Group, following
	Committee, Members requested a	Assess feasibility to introduce process to	Reduced rood waste Reduced costs	M2 - 08/25: Provide recommendations		recess, outlining the key issues relating to food waste in relation to
			• Reduced costs			
	project template be developed and	determine understanding of in-person Member		to Members Group		Members catering, and proposing recommendations aimed at
	brought to the May Committee	attendance (will require Member engagement)				reducing waste.
	regarding Members' catering and the					
	potential to reduce food waste.					
	Avoidable food waste costs Scotland					
	£1.1billion a year. A third of all food					
	produced globally is thrown away,					
	while food production and					
	consumption					
	account for around a third of global					
	greenhouse gas emissions. When we					
· ·	waste food, we also waste all the					
	energy and resources that went into					
	producing, processing, transporting,					
	and cooking it.					
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Sustainable Travel						
Project	Activity	Project Elements	Measures of Success	Milestones	Update - May 2025	Update - August 2025

1				•		
Sustainable Travel Through	The Council currently utilises a range	Data collection:	Improved vehicle utilisation in	M1 - (Date TBC): Data collection	High-level data will be presented to Members as part of a separate	High-level data presented to Climate Change Committee in May.
Operational Efficiencies	of vehicles for business travel	- Gather data on white fleet, grey fleet, car club and	alignment with prescribed travel	M2 - (Date TBC): Delivery of analysis	report on this agenda - Net Zero Thematic Group Update - Sustainable	
	including white fleet (vehicles under	casual car hire.	hierarchy	report	Business Travel.	Further analysis of the data has identified opportunities to target under-
	3.5T), grey fleet (employee owned	- Review relevant policies, contracts and existing	Utilise data to inform demonstratable	M3 - (Date TBC): Dashboard prototype		utilised vehicles. The second phase of the fleet replacement
	vehicle use for work purposes), car	reporting mechanisms	reductions in travel costs across all	developed		programme is currently on hold, pending a comprehensive fleet
	club and car hire.	Analysis and reporting	Services	M4 - (Date TBC): Pilot testing of		review.
		Develop comprehensive reporting detailing	Utilise data to inform demonstratable	dashboard completed		
	This project aims to conduct a	findings and recommendations for potential cost	reductions in emissions across all	M5 - (Date TBC): Dashboard rollout		A summary of the high-level data will form the basis of a reporting
	comprehensive review of these travel	savings and emission reductions	Services	M6 - (Date TBC): Training/comms		dashboard currently in development.
	methods with the aim of optimising	Dashboard design	Improved fleet utilisation through the	around use of dashboards		
	costs, reducing carbon emissions and	Create a user-friendly dashboard that integrates	reduction in use of more expensive	M7 - (Date TBC): Implementation review		
	improving efficiency while ensuring	relevant data and established key	travel options			
	compliance with relevant policies and	performance indicators for efficient business travel	Adoption of use of dashboards across			
	regulations.	Implementation and training	Services			
		Pilot dashboard with key services and gather				
		feedback				
		Monitoring and continuous improvement				
Active Travel	Developing infrastructure to enable	Develop, implement and analyse an employee	Increase in active travel	M1 - 09/24: Creation of an online	Concerns highlighted regarding length and design of survey. Initial	A cross-service team is currently developing a survey to gather data
	and encourage staff to choose active	travel survey	Removal of barriers to staff using	employee travel survey	cross-service discussions suggest survey is reframed to provide	from Council and High Life Highland staff. Several key workstreams
	travel is a key area of focus highlighted	Refresh the existing Travel Plan for the Council	active travel	M2 - 10/24: Focus Group sessions held	baseline data to assist in planning for asset rationalisation and the	under the Delivery Plan are seeking similar baseline data. To reduce
	in the Council's Net Zero Strategy.	HQ building in Inverness,		M3 - 12/24: Production of a summary	provision of fleet vehicles etc. (e.g. staff location/working	survey fatigue and secure buy-in from the Corporate Management
		considering both health and wellbeing, equalities		presentation/ briefing with findings	patterns/etc.). Survey questions/design to be reworked.	Team, a collaborative approach has been adopted. Input has been
	An employee travel survey will be	and sustainability		and subsequent actions		provided to date from HR, Asset Management, New Ways of Working,
	conducted in Autumn 2024 to provide	requirements		M4 - 01/25: Refreshed Highland Council		and the Climate Change & Energy Team.
	an updated evidence base to help	Design and facilitate focus groups with staff to		Travel Plan		
	identify actions to support a shift in	help encourage greater		M5 - 01/25 and ongoing: Delivery of		The survey includes questions relating to commuting to work and work-
	travel choices for employee travel for	engagement with the Highland Council Travel Plan		actions		related travel. The draft survey is currently under review to capture any
	commuting and work-related	Provide a summary presentation/briefing of				further requests or issues prior to circulation.
	purposes.	survey findings and subsequent				
		actions/approaches as appropriate				
		Work with key stakeholders such as HITRANS to				
		maximise impact				
EV Policy	Development of policy around the	Development of policy	Increased network availability	M1 - 04/25: Policy Drafted	Initial working group meeting held - currently reviewing examples of	First draft in development.
	efficient use of council-operated	Development or policy Development and delivery of communications	Enhanced staff awareness and	M2 - 05/25: Present draft policy to	best practice.	
	electric vehicles (EVs) charging	and training to support the policy implementation	behavioural change	Communities & Place Committee for		
	infrastructure		Mitigated reputational risk for the	approval		
			Council	M3 - 06/25: Roll out of communications		
				and training		
Flooring Month on Toron '	Daniela and articular	. Davidous of assert Manush on Transaction 2. 17	. A densities of density and	M4 00/05 Data adlastica	High land data will be assessed to Members and the	High level data are entered a Olimenta Oberrala Ocuración
Elected Member Travel	Develop reporting to provide	Review of current Member Travel including mode	Adoption of dashboard	M1 - 03/25: Data collection	High-level data will be presented to Members as part of a separate	High-level data presented to Climate Change Committee in May.
	meaningful and understandable	e.g. car club, lift share, own vehicle (grey fleet)	Reduction in mileage, leading to	1	report on this agenda - Net Zero Thematic Group Update - Sustainable	M
	information regarding Member Travel,	Create a user-friendly dashboard that integrates	decreased carbon emissions and costs	Climate Change Committee	Business Travel. As highlighted in the report, there are limitations	Members workshop to be arranged as per request at the Committee
	including associated costs and carbon	relevant data	Improved utilisation of Council	M3 - 05/25: Identification of champion	around the development of a dashboard due to the availability of data.	meeting in May.
	emissions.	Implementation and training in respect of	vehicles e.g. car club instead of Grey	M4 - 05/25: Development and testing of		
		dashboard	Fleet	dashboard		
		Identify champion to encourage other Members	Increased levels of lift share,	M5 - 06/25: Training/comms around use		
		to carpool, use car club or alternatives to trave	carpooling	of dashboard		
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Light Fleet - Optimal	Review utilisation levels and actual	Develop a vehicle report template to highlight and	Improved fleet utilisation	M1 - 03/25: Data modelling completed	High-level data will be presented to Members as part of a separate	As above, a comprehensive review of the Council's fleet is now
Utilisation	business requirements for the	report key metrics	Transition of high grey fleet	M2 - 04/25: Completion of high-level	report on this agenda - Net Zero Thematic Group Update - Sustainable	underway following analysis of high-level data.
Oddisadon	Council's light fleet	Analysis of fleet data and individual vehicle	usage/mileage to fleet vehicles	Light Fleet Utilisation reporting	Business Travel.	underway following undrysis of high tevel data.
	Gourier 3 light floor	reports to adopt a data driven approach for	Reduction in the use of more	M3 - 05/25: Individual vehicle reporting		
		determining the optimal fleet size	expensive travel options, such as casual			
		Identify underutilised vehicles and opportunities	car hire	M4 - Ongoing: Monitoring and		
		to downsize the fleet or vehicle size, and determine	Additional financial savings, including	0 0		
		where vehicles could be shared to ensure full	reduced maintenance and insurance	engagement with betwees		
		utilisation	costs			
		Strengthen guidance around misuse of vehicles	60313			
		to develop awareness across all members of staff				
		as to the appropriate use of vehicles				
		as to the appropriate ase or venicles				
Light Fleet - Process	Comprehensive review of process to	Review whole end to end process for light fleet	Data driven decision making	M1 - 04/25: Identify Key Performance	CCET have obtained the current acquisition / replacement form used	In development. In parallel, a new cross-service fleet-user group will
_	acquire a new fleet vehicle or replace	Develop new process and form for instigating a	Robust approval process	Indicators	by Fleet, and have initiated a plan on shaping this into an online form.	be established to support two-way communication around fleet
	an existing vehicle. Staff will be	request for new or replacement light fleet vehicles	Increased scrutiny	M2 - 04/25: Review and revise current	This will have benefits including;	processes and policies.
	signposted to alternative options such	Develop decision making process / hierarchy to	Cost and carbon savings	processes and policies	Automation wherever possible, freeing up resource while reducing	
	as Car Club where mileage does not	outline where a dedicated light fleet vehicle may		M3 - 05/25: Light Fleet Request platform	potential for human error while enhancing the 'user experience'	
	justify allocation of a fleet vehicle. In	not be the most appropriate option		developed, tested and launched	A review of questions and business case requirements to ensure	
	cases where a vehicle is approved, a			M4 - Ongoing: Monitoring	correct size and type of vehicle are supplied, including low emission	
	ULEV will be provided as standard				wherever suitable	
	wherever possible. The process will				•Estimated costs (both up front and whole life + emissions) available	
	also consider the opportunity to 'pool'				at the time of submitting a form to provide an evidence base to base	
	vehicles to ensure the correct size and				decisions on CCET to pilot new business process modelling software	
	type of vehicle is utilised. This would					
	negate the need to lease larger					
	vehicles required infrequently (e.g.					
	where a smaller vehicle is sufficient					
	most of the time).					
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E-Bike Scheme	As part of the Council's approach to	Evaluation of E-cargo bike pilot	•Expansion of accessible e-bike scheme	M1 - 01/25: Evaluation of pilot M2 -	•HITRANS have purchased the E-cargo bikes following Velocity going	Funding secured from HITRANS to install external charging
L-Bike Scheme	fleet decarbonisation, the Council has	Assess leasing options to include the provision of	Alleviation of current challenges	02/25 Identify journeys currently	into liquidation.	infrastructure at HQ, Inverness.
	· ·		· ·		· ·	illiastructure at riQ, iliverness.
	participated in an E-cargo bike pilot	e-bikes/e cargo bikes, servicing, maintenance and	regarding maintenance and insurance	undertaken using fleet vehicles, where	•A new loan agreement, between HITRANS and the Council, is in	
	scheme for business travel. The pilot	insurance	Increased uptake of low-emission	use of an e@bike may be more	development.	A number of e-bikes have been issued to teams with the intention of
	has highlighted challenges around the	, , ,	business travel	appropriate M3 - 03/25 Comparison of	•The E-cargo bikes have been serviced and repaired, where necessary.	alleviating the need for a fleet vehicle.
	storage of bikes; charging/storage of	costs) to deliver in-house vs leasing	Reduction in fleet usage and	costings M4 - 08/25 Determine future	Highland Council's Bikeability Instructors recently completed Cycling	
	batteries; and staff being unable to use	Work with key stakeholders such as HITRANS to	associated emissions and costs	delivery model following discussions	Scotland E-Cargo bike training to deliver road safety training to local	
	the bikes for commuting purposes due	determine future delivery model, including the		with partner organisations	primary schools.	
	to insurance exclusions. Initial	feasibility of a shared scheme with partner			Storage and charging of the bikes remain an issue.	
	feedback has suggested e-bikes would	organisations/open access to the public			HC to explore feasibility of upgrading the HQ bike shelter to include	
	be preferable for several teams that				charging facilities and whether this would be eligible under the Active	
	have participated in the pilot. Further				Travel Workplaces Grant within the People & Place Programme.	
	work is required to determine the				The Council has a small number of e-bikes (5) which require	
	· ·				1	
	future delivery model				servicing/maintenance. Several Council employees have expressed	
					interest in having access to an e-bike as an alternative to a fleet	
					vehicle. Request made for funding from the Local Authority Direct	
					Award for servicing the e-bikes.	
					Meeting date to be firmed up with HITRANS regarding business use of	
					Hi-Bike scheme available in Inverness and Fort William.	
					•Meeting to be set up with Sustainable Travel Policy and Delivery Team	
					Lead, Transport Scotland, regarding lessons learnt/examples of best	
					practice.	
					production	
Torontal and a state of the sta	MANAGE I i what i - I di t	. D		07/05- 0-1:		First above /
Transitioning the Light Fleet	Within our light commercial fleet	Replacement of 41 diesel small light commercial	Increase in number/percentage of	07/25: Policy on EV infrastructure use		First phase (replacement of 41 vehicles) on track. The second phase of
	(vehicles under 3.5T), Highland	vans with 41 plug-in hybrid small vans	ULEV vehicles in the Council's fleet	09/25: Training on use of ULEVs and		the fleet replacement programme is currently on hold, pending a
	Council has introduced 93 low	Development and roll-out of staff	Reduced carbon emissions and	Charging Infrastructure		comprehensive fleet review.
	emissions vehicles, representing 13%	training/induction process around the use of ULEVs	running costs	11/25: Replacement of 41 vans		
	of the light fleet total (715 vehicles).	and charging infrastructure				
	The 93 low emission vehicles can be	Policy around the efficient use of council-				
	broken down to 30 electric and 63	operated EVs charging infrastructure (this project				
	petrol hybrid. The Fleet Service will	element was brought to the Climate Change				
	continue to implement a prioritised	Committee in January but is highlighted as an				
	fleet replacement programme to	essential component in transitioning the light fleet)				
		coscinua component in transitioning the light feet)				
	transition the light fleet to Ultra Low					
	Emission Vehicles (ULEV).					
Net Zero Delivery						
Project	Activity	Project Elements	Measures of Success	Milestones	Update - May 2025	Update - August 2025
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Capital Projects - Net Zero	The Highland Council is committed to	Working group established.	Establish business case model to	M1 - 08/24: Project initiation	As agreed at the Capital Board on 24/03/25; the Climate Change &	On 26 May, the Capital Board agreed to a three-month trial to evaluate
	achieving Net Zero carbon emissions,	Develop clear guidance for incorporating Net Zero	ensure consistency of assessment of	M2 - 11/24: Development of clear	Energy Team will now lead on developing a process that measures and	various tools to assess embodied, operational, and maintenance
	in line with national targets. Capital	into Capital Project planning and design.	projects	guidance	monitors embodied and operational carbon in all projects with a view	carbon emissions.
	projects represent the Council's	Develop pilot projects to validate and refine the	Approval of guidelines and	M3 - 11/24: Develop pilot projects	to achieving reductions in line with the Council's Net Zero Strategy.	It was agreed that three live projects (new build, retrofit, infrastructure)
	largest source of carbon emissions,	approach.	implementation of process	M4 - 01/25: Implementation of	A high-level approach will be presented to the Capital Board on	would be identified and nominated, with the trial commencing in July.
	making it crucial to adopt a rigorous	 Establish a framework to track and report on 	Successful delivery of two pilot	framework	28/04/25; following which, the approach will be developed further in	At the Capital Board on 23 June, the Corran Ferry was confirmed as the
	approach to reducing these emissions.	metrics and weighting as outlined in Capital	projects that demonstrate whole life	M5 - 03/25: Policy updated and	collaboration with colleagues cross-service.	infrastructure project. The retrofit and new build projects will be
		Programme Bid Evaluation and Prioritisation Matrix	cost approach	approved by Council	An additional interim milestone has been set to bring the final version	agreed at the upcoming Property and Education & Learning Capital
	An assessment process for capital	approved by Council on 14/03/24.	Approval of standardised business		of the Climate Change Impact Assessment and guidance to the Capital	Programme Board meeting.
	projects will be developed to ensure	 Revise policy documents reflecting the 	case documentation and reporting		Board on 28/04/25.	
	statutory climate and ecological	integration of Net Zero considerations.	frameworks for all new Capital Projects			
	targets are met.		• 100% compliance with new guidelines			
			adopted after policy change			
Inverness Castle	The Inverness Castle Experience (ICE),	Baseline assessment – review current/proposed	Environmental, Social and	M1 - 03/25: Identify cross-service		Criteria for the Green Tourism Award has been reviewed, with tailored
 Sustainable 	set to open in 2025,	sustainability	Governance solutions embedded in	representatives for working group		guidance and signposting developed to support compliance.
Operations	aims to become a premier visitor	practices	operations and practices	M2 - 04/25: Inception meeting of		An internal working group has been established to embed
	attraction. There is an	 Identify and address key operational, 	Implementation of measures to	working group		sustainability practices and address the diverse requirements
	expectation ICE will look to attain gold	environmental and	reduce carbon footprint	M3 - 04/25: Assess current & proposed		necessary to achieve the award.
	standard in the Green	engagement factors across core sustainability	Achievement of sustainability	sustainability measures		Ongoing collaboration with HLH includes regular meetings to develop
	Tourism Award, as an exemplar to	themes, including:	certification	M4 - 05/25: Set goals – identify key		and implement an action plan that evidences sustainable operations.
	tourist attractions	Energy & Carbon; Water Use; Waste Management;	Enhanced reputation – competitive	focus areas		
	throughout the Highlands.	Sustainable	advantage	M5 - 07/25: Engagement		
		Procurement; Biodiversity & Nature; Community &		M6 - 07/25: Develop training and		
		Destination		educational resources		
		Engagement; Transport & Travel; and		M7 - 10/25: Implement sustainable		
		Communication & Marketing.		policies & technologies		
		Implement sustainable technologies and policies		M8 - 01/26: Apply for certification,		
		Apply for certification		working with assessors		
				Ongoing: Continuous monitoring and		
				improvement		

Built Estate & Energy

Project

Strategic Asset Management Plan (SAMP)

Responsible Officer: Net Zero Programme Manager/Energy Manager



Net Zero Programme

Senior Responsible Officer: Property Manager – Asset Management **Project Sponsor:**

ACE - Place

Activity

Embed Net Zero and climate resilience principles across the three core components of the Council's Strategic Asset Management Plan (currently in development):

- Asset Management Policy
- Asset Management Strategy
- Asset Management Working Action Plan

Project Elements

- Ensure the Strategic Asset Management Plan fully aligns with the Council's Net Zero Strategy
- Integrate carbon reduction and climate adaptation measures into a whole lifecycle approach to asset management, ensuring that sustainability, operational efficiency, and climate resilience are considered at every stage

Measures of Success

- The SAMP acknowledges and supports the Council's Route-Map to Net Zero and associated targets
- Net Zero considerations are integrated as part of asset management processes and evaluations
- Public and private sector investment is leveraged with respect to Net Zero alignment and compliance

Milestones

05/25: First draft developed, led by members of the Built Estate & Energy Thematic Group

06/25: Review of SAMP by CCET

08/25: Strategic Asset Management Plan brought to Reconfiguring Our Asset

Base Portfolio Board (07/08) and Redesign Board (28/08) **09/25:** Approval of SAMP by Members (HC meeting 18/09)

10/25: Implementation of SAMP and supporting comms to all relevant

stakeholders to ensure strategy is embedded

10/26: Annual review of Asset Management Strategy

Ongoing: Continuous management, monitoring, and updating of the Asset

Management Action Plan

Programme Theme 4) A Sustainable Highland Environment and Global Centre

for Renewable Energy

Links to Performance Plan targets:

4.7

5.8

Links to Programme:

Place – Achieve our Net Zero Targets; Accelerate the delivery of our Asset Management approach **Links to Delivery Plan:**

Reconfiguring Our Asset Base: Develop a Strategic Asset Management Plan

- Failure to incorporate Net Zero considerations may result in buildings that are non-compliant, leading to significant future retrofit costs and associated reputational risk.
- Inadequate integration of Net Zero considerations risks the Council's progress towards achieving its Net Zero targets.

Sustainable Travel

Project

Local Transport Strategy 2025-2035 Delivery Plan

Responsible Officer: Team Leader Sustainable Transport



Net Zero Programme

Senior Responsible Officer: CO Facilities & Fleet Management

Project Sponsor:

ACE - Place

Activity

The Highland Local Transport Strategy (LTS) 2025 to 2035 sets out the future policy direction and focus for how the transport system in Highland will be maintained, managed and improved, and responds to national Net Zero commitments over the next 10 years.

Following the Council's adoption of the LTS in February 2025, a detailed Delivery Plan will be developed.

Project Elements

- Establishment of Steering Group, comprising senior representatives from across the Council and other relevant organisations, to provide strategic oversight and support the delivery of the LTS
- Develop a detailed set of actions to progress the LTS policies to achieve the overarching vision and objectives for the transport network in Highland as laid out in the LTS
- Review of existing plans and strategies including the Council's Net Zero Strategy
- Collaboration with Council teams to gather insights from existing work plans, including the in-house bus service and other initiatives
- Identification of roles and responsibilities for each action to embed accountability and facilitate effective delivery

Measures of Success

- Delivery Plan includes a prioritised list of actions aligned with LTS objectives
- 100% of actions assigned to relevant team/organisations
- Monitoring framework established with KPIs and reporting schedule (annual report template)
- Delivery Plan approved within target timeframe

Milestones

Q2: LTS Steering Group established and Terms of Reference finalised

Q3: Actions identification – preparation of database

Q3/4: Production of Delivery Plan and Monitoring Proposals

Q4: Delivery Plan presented to the Economy & Infrastructure Committee

Programme Theme 4) A Sustainable Highland Environment and Global Centre

for Renewable Energy

Links to Performance Plan targets:

4.2

4.7

Links to Programme:

Place – Achieve our Net Zero Targets

People – Promote greener transport

Links to Delivery Plan:

Roads and Infrastructure Improvement Programme; Inhouse Bus Service: EV Infrastructure

- Limited participation or siloed input
- Incomplete or delayed action identification due to lack of data or unclear policy translation
- Reliance on external partners for delivery of key actions
- Availability of financial resources to deliver LTS

Planning, Land Use & Environment

Project

Highland Local Development Plan (HLDP) – Evidence Report

Responsible Officer: Climate Change & Energy Team Leads



Net Zero Programme

Senior Responsible Officer: Climate Change & Energy Manager

Project Sponsor:

ACE - Place

Activity

The Development Plans Team is progressing the HLDP, in close collaboration with statutory key agencies, wider Council services, the development industry, and local communities.

The first mandatory milestone is the submission of the HLDP Evidence Report. This project template slides focuses on the development of the Climate Change and Energy Chapter.

Project Elements

A comprehensive review will be undertaken by Climate Change & Energy Team to inform the development of the Climate Change and Energy Chapter of the HLDP. This Chapter will summarise key evidence and insights relating to:

- National Context
- Climate Emissions and Impacts
- Climate Mitigation and Adaptation
- Energy
- Heat and Cooling

Measures of Success

- All five areas are comprehensively covered
- Evidence sources are up-to-date, and aligned with national policy and the Council's Net Zero Strategy
- Peer review confirms the robustness of the evidence base
- Climate Change & Energy Team engagement completed within agreed timeframe

Milestones

07/25: Engagement with relevant CCET team members **08/25**: Completion of evidence review across all five areas

08/25: Revisions based on feedback from CCET

09/25: Finalisation of chapter content and integration into HLDP

Evidence Report

Programme Theme 4) A Sustainable Highland Environment and Global Centre

for Renewable Energy

Links to Performance Plan targets:

4.7

Links to Programme:

Place – Achieve our Net Zero Targets Links to Delivery Plan:

- Incomplete or outdated evidence base
- Missed opportunities for integration or alignment with existing work

Net Zero Programme

Senior Responsible Officer: Climate Change & Energy Manager

Project Sponsor: ACE - Place

Social Housing & HRA

Project

Educational Resources

Responsible Officer: Domestic Heat & Energy Efficiency Programme Manager



Activity

Development of educational resources to support behaviour change and raise awareness of energy efficiency measures. Energy efficiency improvements can result in lower energy costs for tenants which in turn can reduce fuel poverty.

This initiative aims to reduce the number of tenant opt-outs per project, particularly in relation to air source heat pumps. Tenant opt-out rates can impact the Council's ability to leverage external funding for energy efficiency programmes.

Project Elements

- Development of new website
- Creation of series of engaging videos showcasing the energy efficiency measures delivered as part of the various projects
- Produce FAQ documents
- Resources will be developed in conjunction with tenant feedback

Measures of Success

• % reduction of tenant opt-outs for energy efficiency works

Milestones

09/25: Creation of resources09/25: Approval of resources10/25: Roll out of resources

Ongoing: Review to identify any additional requirements

incorporating feedback from users

Programme Theme 4) A Sustainable Highland Environment and Global Centre

for Renewable Energy

Links to Performance Plan targets:

3.2

4.7

Links to Programme:

Place – Achieve our Net Zero Targets

People – Provide warm and energy efficient homes

Links to Delivery Plan:

Energy Efficient Homes

Key Risks

- Householders fail to engage with resources

Net Zero Programme

Senior Responsible Officer: Climate Change & Energy Manager

Project Sponsor:

ACE - Place

Social Housing & HRA

Project

D-C Highlands

Responsible Officer: Domestic Heat & Energy Efficiency Programme Manager



Activity

Utilise Energy Company Obligation (ECO) funding to deliver energy efficiency measures to Council-owned housing. Where insulation is installed, ventilation will be upgraded as required. Measures will be determined based on the properties eligibility and suitability as outlined in the funding criteria.

Align the delivery of Housing Revenue Account (HRA) and private properties to create economies of scale and maximise external funding.

Project Elements

- Determine eligible properties
- · Maximise and manage external funding
- Improve the energy efficiency of Council properties
- Review opportunities for fully and partially funded projects

Measures of Success

- % of dwellings with a SAP rating of C or above after energy efficiency works
- Leverage over £9m of external funding
- Delivery of place-based project including socially and privately owned properties
- % tenant opt-in for energy efficiency works

Milestones

01/25: Project approval **12/25**: Project completion

05/26: Project close report, including evaluation

Ongoing: Identification of priority areas

Programme Theme 4) A Sustainable Highland Environment and Global Centre

for Renewable Energy

Links to Performance Plan targets:

3.2

4.7

Links to Programme:

Place – Achieve our Net Zero Targets

People – Provide warm and energy efficient homes

Links to Delivery Plan:

Energy Efficient Homes

- Tenant opt out
- Contractor capacity
- Data discrepancies/limitations

Social Housing & HRA

Project

Integration of ECO funding

Responsible Officer: Repairs Manager (Asset Strategy)



Net Zero Programme

Senior Responsible Officer: Strategic Lead – Housing & Customer Services

Project Sponsor:

ACE - Place

Activity

Integration of Energy Company Obligation (ECO) funding to support the delivery of works under the current Heating Framework to maximise Council HRA budget and increase delivery.

Work with contractors on the Heating Framework to identify opportunities for ECO funding and support to access funds.

Measures of Success

- % of dwellings with a SAP rating of C or above after energy efficiency works
- Leverage over £1m of external funding
- % tenant opt-in for energy efficiency works
- Positive feedback from tenants

Project Elements

- Determine eligible properties
- Maximise and manage external funding alongside HRA budget
- Improve the energy efficiency of Council properties

Milestones

M1 ongoing: Discussions with contractors to secure external

funding

M2 ongoing: Identification of eligible properties

M3 Q3 25/26: Project approval M4 Q3 25/26: Project Delivery

Programme Theme 4) A Sustainable Highland Environment and Global Centre

for Renewable Energy

Links to Performance Plan targets:

3.2

4.7

Links to Programme:

Place – Achieve our Net Zero Targets

People – Provide warm and energy efficient homes

Links to Delivery Plan:

Energy Efficient Homes

- Availability of funding
- Tenant opt out
- Contractor availability
- Data discrepancies/limitations