

Report

Report to:Climate Change and Sustainability CommitteeDate of Meeting:26 April 2023Report by:Executive Director (Community and Enterprise
Resources)

Subject: Climate Change Milestones and Position Statement

1. Purpose of Report

- 1.1. The purpose of the report is to:-
 - inform the Climate Change and Sustainability Committee on the key national milestones relating to Scotland's climate change and net zero ambitions

2. Recommendations

- 2.1. The Committee is asked to approve the following recommendations:-
 - (1) that the key climate change milestones and the Council's current position statement be noted.

3. Background

- 3.1. Scotland has set climate targets within legislation, to reduce emissions by 75% by 2030, 90% by 2040 and a total reduction from the 1990 baseline by 2045.
- 3.2. The statutory framework for climate action and reporting is outlined by the Climate Change (Scotland) Act 2009 and the Climate Change (Public Duties) (Scotland) Act.
- 3.3. Section 44 of Part 4 of the Climate Change (Scotland) Act 2009 entered into force on 1 January 2011 and states that a public body must, in exercising its functions, act:-
 - in the way best calculated to contribute to the delivery of Scotland's national emissions reduction targets (known as 'mitigation')
 - in the way best calculated to help deliver Scotland's statutory climate change adaptation programme
 - in a way that it considers is most sustainable
- 3.4. All public bodies listed in Schedule 1 of the 'Climate Change (Duties of Public Bodies; Reporting Requirements) (Scotland) Order 2015' as amended by the Climate Change (Duties of Public Bodies: Reporting Requirements) (Scotland) Amendment Order 2020, are required to report annually on compliance with climate change duties established under S44 of the Climate Change (Scotland) Act 2009 and in accordance with Schedule 2 of the 2015 Order. The 2020 Amendment Order set out additional annual reporting requirements with effect from 1 April 2021.

4. Key Climate Change Milestones

- 4.1. The key milestones relating to Scotland's national climate change ambitions are detailed at Appendix 1. It should be noted that this is not considered to be an exhaustive list of targets relating to climate change within the Scottish Government policy and planning.
- 4.2. The list is delineated by key categories which are instrumental to achieving Scotland's climate change ambitions; these are Buildings, Transport, Waste, Energy, Agriculture and Land Use, Biodiversity and Nature and Mitigation and Adaptation.
- 4.3. The list of milestones references the targets noted in key cross-cutting policy documents which are instrumental to achieving Scotland's net zero ambitions, such as, but not limited to; Scotland's Climate Change Plan, The Heat in Buildings Strategy, Scotland's National Transport Strategy and Making Things Last: A Circular Economy Strategy for Scotland.
- 4.4. The implementation level detailed in the table is split between an organisational, area and national approach. A red symbol (♥) has been included for those targets which places a specific onus upon public bodies.
- 4.5. However, as noted in 3.3, the Climate Change (Scotland) Act 2009 requires public sector organisations to act in a way best calculated to achieve Scotland's emissions reductions targets and so all targets are relevant for the Council regardless of implementation level.

5. Council Position Statement

- 5.1. A high-level position statement detailing South Lanarkshire Council's ongoing progress towards Scotland's national climate change milestones is detailed at Appendix 2. The position statement has been collated through liaison with key Resources within the Council.
- 5.2. The position statements mainly focus upon targets with the red symbol, as these are deemed most relevant for public sector implementation. Future action on these is included in the Sustainable Development and Climate Change Strategy 2022 to 2027 action plans.

6. Next Steps

6.1. It is the Council's ambition to provide a further update to this Committee towards the end of 2023, and to be transparent on the overall achievability of Scotland's climate change milestones.

7. Employee Implications

7.1. All Resources are required to be aware and contribute to the implementation of the milestones, to ensure that actions and targets are met. All Resources are required to contribute to the implementation of the Sustainable Development and Climate Change Strategy 2022 to 2027. The Carbon Management Officer and Sustainable Development Officer report progress towards the strategy at both Q2 and Q4.

8. Financial Implications

- 8.1. Climate change mitigation up to now has largely been achieved within current budgets and from additional capital funds but further financial consideration will be required for the Council to contribute to the challenging national targets and plans.
- 8.2. As previously reported, the amended order for the Climate Change (Scotland) Act 2009 introduced a Statutory Instrument highlighting the need to report how we align

spending plans and use of resources to contribute to meeting our carbon emission reduction targets.

9. Climate Change, Sustainability and Environmental Implications

9.1. The milestones outlined in this report represent how Scotland can achieve its climate change, sustainability and environmental targets. The carbon management and sustainable development process demonstrates the Council's commitment to contribute to national targets and to the global sustainable development goals.

10. Other Implications

10.1. 'Failure to meet sustainable development and climate change objectives' is one of the top risks for the Council, with a score of 15. Without a plan in place and a financial plan to support it then this risk will continue to be one of the Council's top risks.

11. Equality Impact Assessment and Consultation Arrangements

11.1. This report does not introduce a new policy, function or strategy or recommend a change to an existing policy, function or strategy and, therefore, no impact assessment is required. The Sustainable Development and Climate Change Strategy 2022 to 2027 has undergone full Strategic Environmental Assessment and Equality Impact Assessments.

David Booth Executive Director (Community and Enterprise Resources)

6 April 2023

Link(s) to Council Values/Priorities/Outcomes

Values

• Fair, open and sustainable

Priorities

• We will work towards a sustainable future in sustainable places

<u>Outcomes</u>

- Good quality, suitable and sustainable places to live
- Caring, connected, sustainable communities

Previous References

None

List of Background Papers

Sustainable Development Strategy 2022-2027

Contact for Further Information

If you would like to inspect the background papers or want further information, please contact: -Kirsten Allan

Sustainable Development Officer E-mail : <u>Kirsten.Allan@southlanarkshire.gov.uk</u> **N.B**: The milestones outlined in the table below are not an exhaustive list.

N.B: The implementation level detailed in the table below is split between an organisation, area and national approach. However, please note the information detailed within the Climate Change (Scotland) Act 2009 and the onus placed upon public bodies. • details targets which placed a specific onus upon a public body.

Ref	Sector	ID	Milestone	Im	plementation	Level	Key Cross-Cutting Policies
No				SLC	Area	Scotland	- Policies
	Net Zero Scotland	1.1	Become a net zero greenhouse gas emitting nation by 2045, with interim targets of 75% by 2030 and 90% by 2040 with a total reduction against 1990 baseline levels by 2045				 The Climate Change (Scotland) Act 2009 Climate Change (Emissions Reductions Targets) (Scotland) Act 2019 Scotland's Climate Change Plan Public Bodies Climate Change Duties
2.0	Buildings	2.1	All new buildings including non-domestic buildings where a building warrant is applied for from 2024 to use zero emissions heating and cooling.	0		0	 Heat in Buildings Strategy Scotland's Climate Change Plan
		2.2	At least 1.2 million homes and 50,000 non-domestic buildings to receive low carbon heating systems by 2030	Ø			 Heat in Buildings Strategy Scotland's Climate Change Plan
		2.3	 The Voluntary Net Zero Public Buildings Standard will feed into work to introduce mandatory standards across the non-domestic sector more widely from 2023-25 onwards. A series of phased targets will be introduced, starting in 2024, for all publicly owned buildings to meet zero emission heating requirements with a backstop of 2038. 	0	•		 Heat in Buildings Strategy Scotland's Climate Change Plan
		2.4	• By 2030 a large majority of buildings should achieve a good level of energy efficiency (EPC band C for homes), with all owner-occupied homes meeting EPC band C by 2033	Ø	Ø		 Heat in Buildings Strategy Scotland's Climate Change Plan

Ref No	Sector	ID	Milestone	Im	plementation	Level	Key Cross-Cutting
NO				SLC	Area	Scotland	– Policies
		2.5	• A 75% reduction in emissions from buildings by 2030 and a 90% reduction in emissions from buildings by 2040, with net zero backstop of 2045	Ø	Ø		 Heat in Buildings Strategy Scotland's Climate Change Plan
		2.6	 Phase out the need to install new or replacement fossil fuel boilers (private rental housing and owner occupied) in off-gas areas from 2025 and in on-gas areas by 2030 and install net zero emission heating and cooling supply 	Ø	•		 Scotland's Climate Change Plan Heat in Buildings Strategy
		2.7	 Social housing to reach a good level of energy efficiency, equivalent to EPC B where feasible and cost effective by 2032 	•			 Scotland's Climate Change Plan Heat in Buildings Strategy Energy Efficiency Standard for Social Housing (post 2020)
	 2.8 • Local Authorities to develop and implement Local Heat and Energy Efficiency Strategies (LHEES) by end of 2023 		and Energy Efficiency Strategies (LHEES) by end of	Ø			Heat in Buildings Strategy
3.0	Transport	3.1	Reduce km travelled by car by 20% against 2019 levels by 2030	Ø	•		 Scotland's Climate Change Plan National Transport Strategy Transport Scotland's Route Map
		3.2	No new petrol or diesel car and van sales by 2030	Ø		0	 Scotland's Climate Change Plan National Transport Strategy
		3.3	To reduce emissions from the transport sector by around 56% by 2030 against a 2019 baseline	Ø	Ø		 Scotland's Climate Change Plan National Transport Strategy

Ref No	Sector	ID	Milestone	Im	plementation	Level	Key Cross-Cutting Policies
NO				SLC	Area	Scotland	- Policies
		3.4	Phase out petrol and diesel cars from public sector fleet and phase out the need for any new petrol and diesel light commercial vehicles by 2025 (Jan or Dec)	0	0		 Scotland's Climate Change Plan National Transport Strategy
	3.5 • Phasing out of all new petrol/diesel vehicles in public sector by 2030 3.6 • Full decarbonisation of scheduled flights in Scotland by 2040 3.7 • Reduced car dominance and single-occupancy vehicle journeys by 2032		0	Ø		 Scotland's Climate Change Plan National Transport Strategy 	
					•	 Scotland's Climate Change Plan National Transport Strategy 	
			Ø	8	Ø	Scotland's Climate Change Plan	
		3.8	30% of Scottish Government owned ferries to be low emissions by 2032			Ø	Scotland's Climate Change Plan
		3.9	 Majority of new buses to be net zero emissions by 2025 		♦		Scotland's Climate Change Plan
4.0	Waste	4.1	 Recycling/compositing of 70% of all residual wastes by 2025 	•	Ø		 Making Things Last: a circular economy strategy for Scotland Scotland's Climate Change Plan
		4.2	 To reduce total waste arising in Scotland by 15% against 2011 levels 	0	0		 Making Things Last: a circular economy strategy for Scotland Scotland's Climate Change Plan

Ref	Sector	ID	Milestone	Im	plementation	Level	Key Cross-Cutting
No				SLC	Area	Scotland	– Policies
		4.3	End landfilling of biodegradable municipal waste by 2025	Ø	Ø		 Making Things Last: a circular economy strategy for Scotland Scotland's Climate Change Plan
		4.4	 Reduce food waste by 33% by 2025 against 2013 baselines 	0			 Food Waste Reduction Action Plan Scotland's Climate Change Plan Making Things Last: a circular economy strategy for Scotland
		4.5	To reduce all food waste arising in Scotland and work with industry to reduce on-farm losses of edible produce	Ø	Ø	0	Making Things Last: a circular economy strategy for Scotland
		4.6	To send no more than 5% of remaining wastes to landfill by 2025	Ø	Ø	•	Making Things Last: a circular economy strategy for Scotland
		4.7	Bio-waste to be separated and segregated at source, or collected separately and not mixed with other waste by 2025	Ø	Ø	•	Scotland's Climate Change Plan
		4.8	Implementation of Deposit Return Scheme by 2023	Ø	Ø		Making Things Last: a circular economy strategy for Scotland

Ref	Sector	ID	Milestone	Im	plementation	Level	Key Cross-Cutting
No				SLC	Area	Scotland	– Policies
5.0	Energy	5.1	• 50% of the energy for Scotland's heat, transport and electricity consumption to come from renewables by 2030	0	0		 Scotland's Climate Change Plan Scottish Energy Strategy Heat Networks (Scotland) Act
		5.2	All local authorities to establish local heat and energy efficiency strategies (LHEES) by the end of 2023	O			 Local Heat and Energy Efficiency Strategies (Scotland) 2022 Heat in Buildings Strategy
		5.3	 CARES – 2GW of renewable energy to be community or locally owned by 2030 	0	•		 Community and Renewable Energy Scheme Scotland's Energy and Just Transition Plan
		5.4	• By 2040 no more than 5% of households are in fuel poverty, no more than 1% are in extreme fuel poverty and the fuel poverty gap is no more than £350 (in 2015 prices)	•	Ø		 Heat in Buildings Strategy Tackling Fuel Poverty in Scotland Strategy Scotland's Climate Change Plan
		5.5	Combined supply of thermal energy by heat networks to reach 2.6 TWh of output by 2027 and 6 TWH of output by 2030	Ø			 The Heat Networks Scotland Act Heat in Buildings Strategy
		5.6	At least 22% of heat in buildings to be directly supplied from renewable sources by 2030 (provisional)	Ø	Ø	0	Heat in Buildings Strategy
6.0		6.1	At least 20,000ha of peatland restored annually by 2030	Ø	ø	0	Scotland's Climate Change Plan

Ref	Sector	ID	Milestone	Im	plementation	Level	Key Cross-Cutting
No				SLC	Area	Scotland	– Policies
	Agriculture and Land Use	6.2	At least 18,000ha of new woodlands created annually by 2025	Ø	Ø	0	 Scotland's Climate Change Plan Forestry Strategy
		6.3	Create 3000-5000ha of new native woodland per year, restore approximately 10000ha of new native woodland by 2030	Ø	Ø	0	 Scotland's Climate Change Plan Forestry Strategy
		6.4	Achieve 18,000ha of tree planting annually by 2024	Ø	Ø	0	 Scotland's Climate Change Plan Scotland's Forestry Strategy
		6.5	Increase Scottish wood products in construction to 3 million m3 by 2032	Ø	Ø	0	Scotland's Forestry Strategy
		6.6	Agriculture to reduce emissions by 31% from 2019 levels by 2032	0	Ø	0	Scotland's Vision for Agriculture
7.0	Biodiversity and Nature	7.1	A nature positive Scotland by 2030	Ø	Ø	•	 Biodiversity Strategy Scotland's Environment Strategy
		7.2	Restored and regenerated biodiversity across Scotland by 2045 particularly at ecosystem levels	Ø	0		 Biodiversity Strategy Scotland's Environment Strategy
		7.3	 At least 30% of our lands and sea to achieve protected status by 2030 	0	0		Biodiversity Strategy

Ref No	Sector	ID	Milestone	Im	plementation	Key Cross-Cutting Policies	
	10				Area	Scotland	- Folicies
8.0	Mitigation and Adaptation	8.1	On mitigation, Councils must act in a way best calculated to achieve the delivery of the climate change targets	0			 The Climate Change (Scotland) Act 2009 Climate Change (Emissions Reductions Targets) (Scotland) Act 2019 Scotland's Climate Change Plan Public Bodies Climate Change Duties
		8.2	 On adaptation, Councils must act in a way best calculated to deliver any climate change adaptation programme. 	0			 Climate Ready Scotland: Climate Change Adaptation Programme Civil Contingencies Act (2004) Planning Etc (Scotland) Act 2006

Appendix 2: South	Lanarkshire Counci	I Position Statement
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Ref No.	Sector	ID	Department/Resource	SLC Position Statement
1.0	Net Zero Scotland	1.1	All resources	SLC has achieved a carbon emissions reduction of 65% against 2005 baseline. SLC's total CO2 tonnes equivalent was calculated as 55,798 Co2te for 2021-2022. SDCCS 2022-2027 and 5-year action plan aiming to work towards quantifying previously out of boundary emissions, therefore, organisation's carbon footprint may increase considerably. The council would aim towards zero direct carbon emissions by 2038, which focuses on the use of fossil fuel such as gas, petrol and diesel used in our buildings and fleet. This target is in line with the ambitious public sector targets detailed in Scotland's Climate Change Plan and Scotland's Heat in Buildings Strategy.
2.0	Buildings	2.1	Housing and Technical Resources	In domestic properties to accelerate the introduction of zero emissions heating systems ahead of 2024, new homes built with grant funding applied for after 01/12/23 will be prohibited from installing direct emissions heating systems.
		2.3	Housing and Technical Resources	A review is underway of the implications of the new building standards on new build design specifications. Several feasibility studies are being undertaken to assess works required to meet decarbonisation targets.
		2.7	Housing and Technical Resources	The 2020 EESSH milestone is temporarily on hold pending the outcome of a review which is expected to be completed in Summer 2023. Until then the EESSH1 milestone, which social housing should meet since the end of December 2020, continues to apply. Currently 91.81% of Council homes are at EPC Band C or above.
		2.8	Housing and Technical Resources	A cross-Resource officer working group has been set up to take forward the development of LHEES. The group will be assisted by our environmental consultants Changeworks who will be re-appointed to support the development of the LHEES and Delivery Plan.
3.0	Transport	3.4	CER Fleet Services	35% of our fleet of cars are electric, and with the necessary funding we have a strategy for how to replace the remaining fossil fuelled cars with electric. Additional funding for and installation of charging infrastructure will also be required.
		3.5	CER Fleet Services	Still considering options for the wide range of vehicles for which there are no readily available low carbon alternatives. Hydrogen is not considered appropriate at this time due to the costs of vehicles and availability of fuel.
4.0	Waste	4.1	CER Facilities, Waste and Grounds	We will undertake a review of our kerbside refuse collection services in 2023-24 to identify what we can do to improve our recycling and composting rates and reduce the amount of residual waste generated.



Ref No.	Sector	ID	Department/Resource	SLC Position Statement
		4.2- 4.7	CER Facilities, Waste and Grounds	We will work with stakeholders, including waste contractors and householders to reduce the amount of waste being sent to landfill.
5.0	Energy	5.2	All resources	A cross-Resource officer working group has been set up to take forward the development of LHEES. The group will be assisted by our environmental consultants Changeworks who will be re-appointed to support the development of the LHEES and Delivery Plan.
6.0	Agriculture and Land Use	6.1	CER Facilities, Waste and Grounds	We will address Peatland Restoration at the South Lanarkshire scale in the forthcoming South Lanarkshire Biodiversity Strategy, and coordinate opportunities with Clyde Peatlands Project.
		6.2- 6.4	CER Facilities, Waste and Grounds	We will contribute to the 18,000 ha per annum target through supporting the delivery of the Clyde Climate Forest initiative.
7.0	Biodiversity and Nature	7.1- 7.2	CER Facilities, Waste and Grounds	We will address Nature Positive at the South Lanarkshire scale in the forthcoming South Lanarkshire Biodiversity Strategy, and for the Council in the forthcoming SLC Biodiversity Duty Implementation Plan. We will continue to develop and deliver a SLC Nature Restoration Programme on SLC land.
		7.3	CER Facilities, Waste and Grounds	We will use the South Lanarkshire Biodiversity Strategy and the SLC State of the Environment Report (Planning) to evaluate the current extent of protected areas in South Lanarkshire and use the SLC Biodiversity Duty Implementation Plan to evaluate the current extent of SLC land that is currently protected.
8.0	Mitigation and Adaptation	8.1	All resources	Mitigation – see comments listed under 1.0.
		8.2	All resources	Adaptation specific actions are outlined within SDCCS 2022-2027 5 -year Action Plan, including the establishment of an adaptation working group to undertake a capability assessment utilising Adaptation Scotland's Benchmarking Tool. Adaptation is embedded throughout the Local Development Plan 2 2020-2025 (Policy 1 Spatial Planning, Policy 2 Climate Change, Policy 13 Green Network and Greenspace and Policy 16 Water Environment and Flooding). Moreover, climate adaptation is also incorporated into Biodiversity Strategy 2018-2022 Chapter 3. Adaptation is also central to Local Flood Risk Management Plans (Clyde and Loch Lomond and Tweed). Local Transport Strategy Objective 6 is to mitigate, adapt and manage the effects of climate change, including flooding, on transport infrastructure and communities.