

Appendix 5: Shetland Climate Change Strategy Methodology

How the Strategy and Action Plan were developed

Introduction

The creation of the Shetland Climate Change Strategy (SCCS) was undertaken by the Shetland Partnership's Climate Change Steering Group.

Shetland Islands Council acknowledged a Climate Emergency in January 2020, prompting the creation of the Climate Change Programme, with the purpose to minimise the risks of climate change to the Shetland community as far as possible, and to make the transition to net zero as beneficial as possible. At this time, the mandate was set to establish an appropriate and informed target date for Shetland Islands Council to be net zero as an organisation, and for Shetland to be net zero as an area.

The first step in determining an appropriate target was to develop Net Zero Route Maps, for which consultancy 'Ricardo Energy and Environment' was appointed. The purpose of each route map was to establish a scope and methodology of measuring greenhouse gas (GHG) emissions, establish an emissions baseline and develop pathways for what measures need to be taken for the council as an organisation and Shetland as an area to reduce emissions and reach net zero.

The Shetland Climate Change Strategy and Action Plan is built upon data, information and insights gained through the Net Zero Route Map project, guidance and best practice from relevant government, authorities, bodies, public, private, community and third sector.

It was developed in line with the Design Council's framework for innovation design methodology; the 'Double Diamond' design process. Logic modelling was utilised during development of each strategy section to aid in providing focus to work towards achieving the outcomes.

2022

Winter

Shetland Partnership forms the Climate Change Steering Group.

The group is comprised of representatives from the following Partnership organisations:

- NHS Shetland
- NatureScot
- Shetland Amenity Trust
- Highlands and Islands Enterprise
- Visit Scotland
- Shetland Islands Council

2023

Strategy documents drafted and refined by Steering Group and relevant local experts.



Participation



People



Place



Money

2024

Spring

In spring 2024, the steering group developed a plan to hold several workshops with different sectors in Shetland. These sectors were the same as those in the Shetland Net Zero Route Map – Energy, Waste and Recycling, Transport, Business and Industry, Nature Based Solutions, and Buildings.

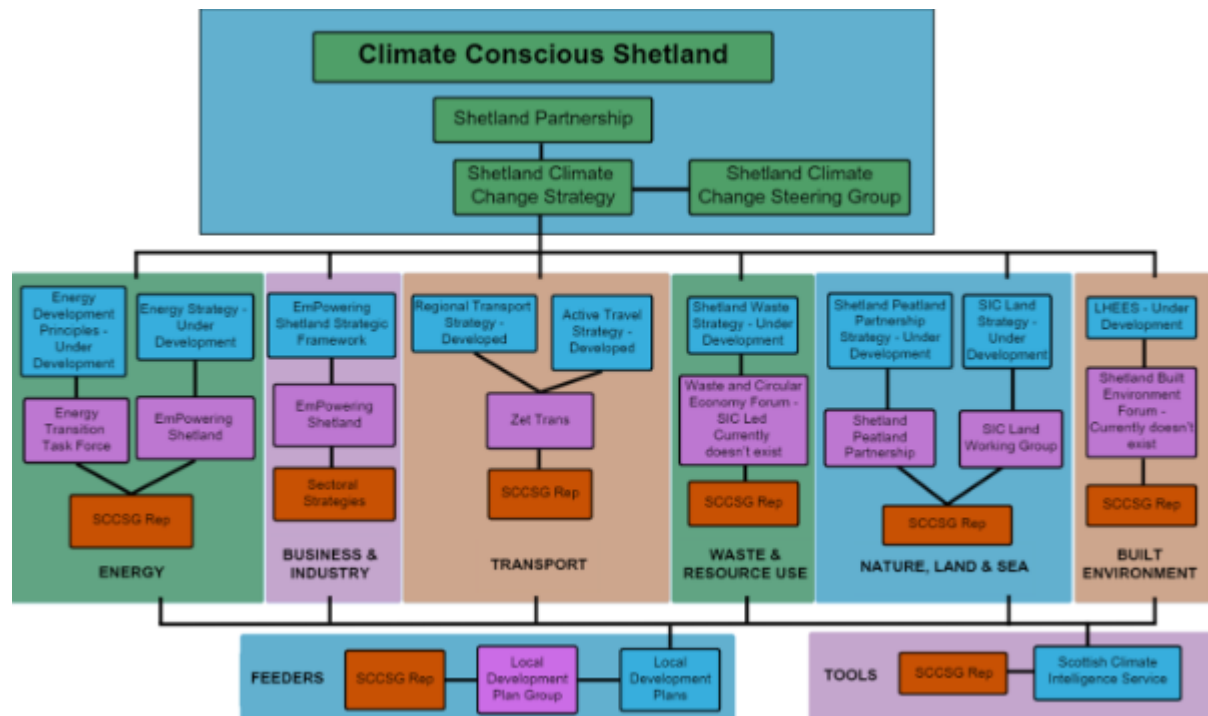
Over April and May, workshops were organised and facilitated with the relevant sectors with the below session structure. Workshops were organised and delivered by SIC Climate Change Strategy officers and involved other steering group members as facilitators. These facilitators would sit at tables set up to host groups of five to six attendees to engage in targeted discussions.

The workshop sessions were structured as follows:

Session structure		
Item	Deliverer	Method of recording
Introduction to session and topic	Claire Ferguson, Climate Change Strategy Team Leader	Session notetaking
First discussions – barriers to decarbonisation – in small groups	Facilitators	Facilitator notetaking, written paper and ‘sticky note’ ideas
Feedback	Given by facilitator in each group	Session notetaking
Second discussions round in small groups Topic – what are the barriers to making the sector more resilient	Facilitators	Facilitator notetaking, written paper and ‘sticky note’ ideas
Feedback	Given by facilitator in each group	Session notetaking
Summary and conclusion of session	Claire Ferguson, Climate Change Strategy Team Leader	Session notetaking

During the summary section the following diagram was used to illustrate the current landscape surrounding climate change-related work in Shetland, and how this would feed into a Climate Conscious Shetland.

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Summer

Over the summer period, session feedback and written notes were analysed and grouped into specific themes.

Logic models were produced through which the feedback from each sectoral workshop was condensed and refined. Logic models are a graphic representation of how activities or interventions produce outcomes. This process allowed links to be formed with the overall goals of the Shetland Climate Change Strategy. Actions were formed from these links to begin bridging gaps and connecting the situation, inputs, activities, and outcomes.

After this, an overall logic model was produced which underpinned the Strategy's Action Plan creation.

Autumn

In autumn of 2024, the Strategy-wide logic model was used to create the Action Plan that accompanies the Strategy document.

Several revisions enabled the Steering Group to refine the actions and thus produce an Action Plan that will deliver on each of the key themes as identified in the sectoral workshop feedback.

Winter

In the winter of 2024, the Strategy and Action Plan documents were fully drafted and their consultation within the Shetland Partnership organisations began.

During a meeting of the joint SIC and Shetland Partnership Climate Change Forum, a six weekly information sharing forum, the Strategy and Action Plan documents were presented and their contents discussed.



Participation



People



Place



Money