



PROGRAMME UPDATE

December 2022

Climate Change Strategy

Ongoing Projects/Work:

- **SIC Climate Change Strategy and Action Plan** – Detailing how the SIC can reduce emissions through delivering measures outlined in the Net Zero Route Maps.
- **Shetland Climate Change Strategy** – Being developed by the newly set up Shetland Partnership Climate Change Steering Group, chaired by Highlands and Islands Enterprise.
- **Car Club Project** – New project set up to research and create a Shetland car club scheme open to Shetland organisations and the community.
- **Carbon Literacy Training** – A Climate Emergency workshop and elearning course has been developed and is now available for all SIC staff, delivered by the SIC Climate Change Programme. This workshop is Shetland specific and runs through the basics of climate change and actions that can be taken to tackle it.

Upcoming Projects/Work:

- **Shetland Community Climate Action Network** – Establish a network for community groups and organisations to discuss and accelerate community led climate action.
- **Climate Change Impact Assessments** – Framework to measure and monitor the impacts of emissions from ongoing and new works across the council.
- **Shetland Waste Strategy** – Development of a Shetland waste strategy.
- **Peatland Restoration** – Research, review and develop a Strategic Outline Case, strategy and action plan for peatland restoration works.

Completed Projects, Results & Findings:

- **Net Zero Route Maps** – A framework to prioritise decarbonisation actions through setting the scope, baselining our greenhouse gas emissions and modelling pathways for SIC and for Shetland to decarbonise. You can download both of the full reports for the [Council Route Map](#) and the [Shetland Route Map](#).
- **Shetland Climate Conversations** – As part of the Net Zero Route Maps research a number of workshops were held to gain insight into the [communities' main priorities and concerns around climate change](#), how to become a low carbon society and how best communities could help and be helped to achieve this.
- **Shetland Climate Conversation Logo** – A schools competition was run to design a logo for the Shetland Climate Conversation, the winners worked with local graphic designers Art Machine to further the develop the logo, hear more here [\[link\]](#)
- **Shetland Climate Week** – An assortment of activities to support Scotland's Climate Week to highlight the impacts that Climate Change will have on Shetland, as well as what we can do to tackle it. To hear more of what was on here [\[link\]](#)
- **SIC Climate Change website** – A [Climate Change Programme webpage](#) has been developed and is now live on Shetland Islands Councils website. Keep an eye on this for updates on climate action, works and events across SIC and also within the community.

CONTACT US:

Climate Change Strategy: climatechange@shetland.gov.uk

Energy Efficiency: energyefficiency@shetland.gov.uk

Future Energy: futureenergyhmpo@shetland.gov.uk





Energy Efficiency

Ongoing Projects/Work:

- **Energy Efficiency Grants** – [Area-Based Scheme \(ABS\)/Warm Works](#) surveys are ongoing with in-house Assessors providing this service for both grant schemes. Also, currently undertaking a review of options for the delivery of the ABS scheme going forward.
- **Local Heating & Energy Efficiency Strategy (LHEES)** – LHEES are expected to set out the long-term plan for decarbonising heat in buildings and improving their energy efficiency across an entire local authority area, to prioritise Scottish Government and UK Government delivery programmes, and both public and private investment. Strategy development ongoing.
- **Electric Vehicle Infrastructure Expansion** – Development of strategy currently ongoing.
 - Fleet charge point installation works currently ongoing at:
 - Overtonlea Care Centre
 - Mid Yell Workshop
 - Nordalea Care Centre
 - Mossbank Primary School
 - Public charge points works currently ongoing at:
 - Housaquoy, Brae
 - Rudda Park, Lerwick
 - Market Street, Lerwick
 - Burn Beach, Scalloway
- **Buildings General Works** – The following works are ongoing:
 - Lighting upgrade works at Sound Primary School
 - Services assistance for remaining buildings at old Anderson High School campus
 - Overtonlea Care Centre design works
 - Bells Brae Primary School – new heat exchanger
 - Independent Living Centre district heating connection
 - Sound Primary School BMS connection

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Future Energy

Ongoing Projects/Work:

- **ORION Project** – A strategic framework connecting organisations with a common ambition: to transform the Shetland region into a centre for secure and affordable clean energy
- **Shetland Clean Energy Project** – One component of the Islands Centre for Net Zero (ICNZ), collaboration amongst Orkney, Shetland, and the Western Isles, with a local supply & demand focus to build a hydrogen economy on Shetland
- **Shetland Energy Strategy** – Exploring where the energy landscape in Shetland is now and where we ideally would like to be over the coming decades to identify possible pathways and opportunities for the energy transition

Upcoming Projects/Work:

- The ORION Project has multiple work streams underway including:
 - Engaging with technology developers including floating offshore wind consortia
 - Offshore power study led by University of Strathclyde
 - Scottish Government and industry sponsored [Energy Hub and Hydrogen Backbone study](#) led by Net Zero Technology Centre
 - ICNZ Website is in development with a Shetland Case Study and a range of photographs submitted

Completed Projects, Results & Findings:

- The ORION Project has completed multiple studies to date including:
 - An industry sponsored [Techno-economic study](#) led by Net Zero Technology Centre, Worley, Voar, and Wood Mackenzie was completed at the end of 2021
 - The [NEPTUNE Project](#) was completed at the end of March 2022
 - The [ScotWind clearing round option agreements](#) were signed on 2 November
 - Organisations submitted their ideas for developing new renewable and clean energy projects in the area around Sullom Voe

Key Engagements:

- The ORION Project is engaging with over 200 stakeholders across industry, government, supply chain, and more through one-to-one meetings and industry events.
- An Energy Survey was opened to the public on December 1 2022. The purpose is to obtain input on and baseline how individuals envision the energy transition in Shetland. The closing date for responses in January 15 2023.
- The Shetland Energy Strategy is currently undergoing internal peer-reviewed feedback and will shortly commence workshops and one-to-ones with local industry expertise.

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