



**Everybody should have access to clean toilets.**

***What We Do***

Manage and maintain public toilets.  
Septic tank management.

**End Scotland's contribution to climate change and secure the well-being of people and the planet for generations to come.**

***What We Do***

Encourage walking and cycling.  
Energy saving initiatives.  
Grow & share food.  
Conserve and recycle water.  
Reduce waste.  
Promote healthy seas.

**East Haven is a good place to live. Inclusive, Strong, Resilient and Safe. Everyone is respected and there are opportunities for people to contribute and achieve success. We are open and connected. We make a positive contribution locally nationally and Internationally.**

***What We Do***

Promote good environmental practice.  
Robust resilience planning.  
Build strong partnerships.

**Scotland's nature is protected and restored with flourishing biodiversity, clean air, water, seas and soils.**

***What We Do***

Beach cleaning.  
Prevent marine Pollution.  
Protect marine eco system.  
Protect wildlife.  
KSB Beach Award.  
Coastal adaptation.  
Great Angus Beach Cleans.

**Enhance and protect the natural and built environment.**

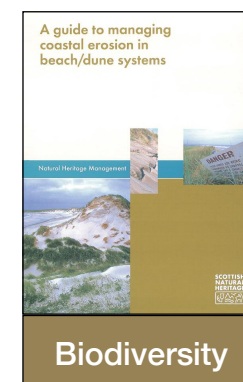
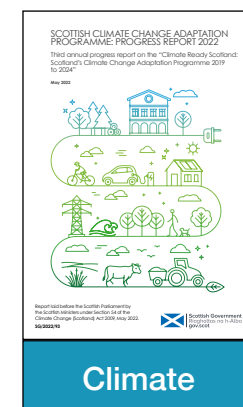
***What We Do***

Dune management.  
Protect biodiversity and natural habitats.  
Community gardens.  
Litter picking and litter share stations.  
Wildlife ID recording  
Care for heritage and street furniture.  
Avoid adverse impacts on land and sea.  
Education and behaviour change.

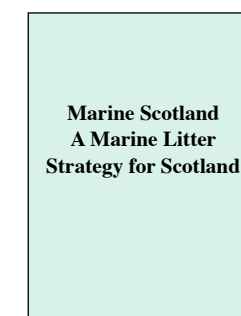
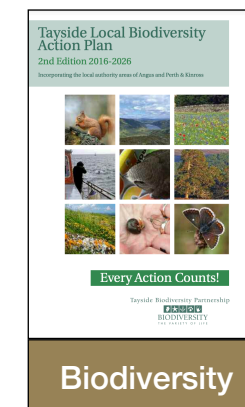
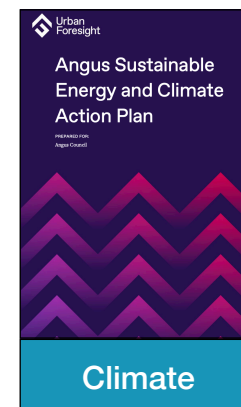
Scotland's Environment Strategy  
Scotland's Biodiversity Strategy 2045  
Local and National Priorities  
Climate and Coastal Adaptation Plans

This integrated plan sets out the actions East Haven is taking to work with other organisations and citizens in the UK and across the world to improve and sustain life on earth. Acting locally and thinking globally.

Actions Taken in East Haven	Why?
<b>Active Travel</b> <ul style="list-style-type: none"> <li>East Haven contributed £40,000 towards the development of NCN1 in 2012 which was subsequently extended up the coast. EHT supports Sustrans and Angus Council in keeping the path clear of litter and by providing a welcome point at both entries to the village.</li> <li>EHT cleans and manages the public toilets to support health and well being. Maintaining public toilets also encourages more people to walk and cycle rather than visit by car.</li> <li>EHT provides cycle racks to enable people to store bikes safely whilst using the amenity.</li> <li>EHT works to maintain the bus service in East Haven and also car share where possible.</li> </ul>	<p>Active travel reduces carbon emissions.</p> <p>Reduces the volume of cars in the village.</p> <p>Improves Health and Well Being.</p> <p>Provides a welcome to tourists and visitors.</p>
<b>Renewable Energy Sources</b> <ul style="list-style-type: none"> <li>Analysis of average monthly solar radiance and corresponding energy for ascending systems undertaken in 2022.</li> <li>Solar powered lamp posts installed by residents 2022/23</li> <li>Aim to install electric charging point with solar panel in car park</li> <li>Public toilet roof structure to be assessed to evaluate solar panel weight bearing load 2023.</li> </ul>	<p>Reduce reliance on grid energy and help achieve Scotland's target of zero emissions by 2045</p>
<b>Litter</b> <p>East Haven Together has worked to reduce litter and encourage behaviour change since 2015.</p> <ul style="list-style-type: none"> <li>Litter summit held in 2017 and established Angus Clean Environments to extend work beyond East Haven and work with all sections of the wider Angus community to clean and green the environment. Adopt-A-Street. Scottish Resources Award Best Litter Initiative 2017.</li> <li>Some residents go out almost everyday to keep the beach and coastal path clear of litter.</li> <li>Litter Prevention action plan in place. Reports uploaded to 'clean up' section on web-site. Reports also available for download to raise awareness, inform and educate and measure impacts.</li> </ul>	<p>Litter harms the environment, threatens wildlife, spreads toxins and contributes to global warming.</p>
<b>Sustainable Food Sources</b> <ul style="list-style-type: none"> <li>Encourage people to shop local, support local food producers and buy from organic farmers where possible.</li> <li>Grow and share food within the village. Eliminate as much food waste as possible.</li> </ul>	<p>Food security - reduced food miles. Organic food production reduces environmental impacts and methane production.</p>
<b>East Haven is a Good Place to live - Inclusive - Strong and Safe</b> <ul style="list-style-type: none"> <li>Residents included and consulted. Fishing and natural heritage of the area communicated. Involvement in KSB/RHS to increase awareness, pride in place and respect for the natural environment. Village Emergency Telephone Scheme. Defibrillator. Community Resilience Plan. Visitor Management Plan.</li> </ul>	<p>Maintaining strong connections and valuing everybody's contributions develops a sense of pride and of living in safe supportive communities.</p>



<h2 style="text-align: center;">Actions Taken in East Haven</h2>	<h2 style="text-align: center;">Why?</h2>
<p><b>Protecting and conserving habitats and species recording</b></p> <p>EHT works in partnership with local wildlife recorders to identify species and upload records to the biological data-base, irecord, Bumblebee Conservation Trust and UK Butterfly Measurement.</p> <ul style="list-style-type: none"> <li>• <b>Birds</b> Habitat conservation is crucial as East Haven is home to vulnerable protected waders many of which are on the red list of species most at risk. The Ringed Plover normally nests on the beach between EH and Arbroath but no nests were seen at all in 2022. The Curlew, Wheatear and Corn Bunting are also declining and need support to conserve their habitats.</li> <li>• <b>Butterflies, Moths and Bees</b> Monthly walks along designated transect to ID Butterflies and Bees (1st March to end of October). All species data uploaded. Species On The Edge (5.5 year project) EHT has undertaken a lot of work to help create a food corridor of kidney vetch along the Angus coast for the Small Blue Butterfly. Kidney Vetch surveys are carried out in East Haven and survey work carried out along the coast. (Nature of Scotland Award award 2018)</li> <li>• <b>Cetacean Sightings</b> Report sightings of dolphins on the Marine Life Angus site</li> <li>• <b>Seals</b> Support British Marine Dive Rescue by storing a rescue crate for vulnerable seal pups.</li> <li>• <b>Supporting Wildlife</b> - Maintaining habitats - monitor impacts - upload species data</li> </ul>	<p>Reduce biodiversity loss across all species.</p> <p>Many Coastal Birds are on the red list of species at Risk of extinction</p> <p>The Small Blue is an endangered species and at risk of extinction. It is thriving at a site in Glamis and in a couple of locations along the Angus coast.</p>
<p><b>Protecting the Marine Environment</b></p> <p>East Haven Together is a member of the Coastal Communities Network (CCN) and a representative on Scotlands Marine Litter Strategy Steering Group.</p> <ul style="list-style-type: none"> <li>• Beach cleaning activities carried out almost everyday. ATV purchased in 2019 to enable EHT to uplift heavy marine litter from an extended area of coast between Carnoustie and Arbroath.</li> <li>• EHT leads on the Great Angus Beach Clean which will extend to become the Great East Coast Beach Clean in September 2023</li> <li>• Community Led Beach Award from Keep Scotland Beautiful achieved every year since 2015</li> <li>• Marine Conservation Society Surveys carried out and the data uploaded to the MCS portal. Terrestrial litter surveys also undertaken along with a biomass survey of seaweed in 2016 and participation in co-coast surveys.</li> <li>• EHT is working closely with Marine Scotland, Angus Council and fishermen to try and reduce the amount of end of life fishing gear going to landfill.</li> <li>• Investigations carried out by EHT in response to pollution incidents such as; Dowrie Works, Nato War ships and Construction work on NCN1.</li> <li>• EHT works to change policy and legislation if this is required to reduce pollution and better protect the environment.</li> </ul>	<p>The following are Scotland's strategic approach to environmental policy</p> <p>Ensure that preventative action is taken to avoid environmental damage.</p> <p>Environmental damage should as a priority be rectified at source</p> <p>Ensure that polluters bear the cost of pollution control and remediation</p>



Actions Taken in East Haven	Why?
<p><b>Habitat Recovery and Dune Restoration</b></p> <ul style="list-style-type: none"> <li>Continue to measure the the dunes from the fixed points agreed in 1993 with NatureScot and maintain accurate data records so we can measure impacts.</li> <li>Native grasses have been grown from seed and planted on eroded dunes to strengthen the dune structure. The dunes play an important role in increasing the resilience of the dunes by reducing and absorbing wave energy.</li> <li>Marram and Lyme grasses have also been translocated from nearby locations.</li> <li>Non-native invasive species are removed from wild and vulnerable areas.</li> <li>Raise public awareness of the importance of dune management. Scotlands Outdoor Access Code. Visitor Management Strategy in place.</li> <li>Action to educate public about wildfires and mitigate against risks</li> </ul>	<p>Rising sea levels and more frequent storm surges cause erosion.</p> <p>Protect SSSI</p> <p>Of principal importance for biodiversity conservation. Sandunes on Scottish Biodiversity List.</p>
<p><b>Sustainable Gardening Practices</b></p> <p>East Haven Together works within the Keep Scotland Beautiful 3 Pillar framework of Horticulture, Environment and Community to develop Pride in Place and a sustainable approach to caring for the amenity.</p> <ul style="list-style-type: none"> <li>Coastal plants and plants for pollinators have been planted extensively throughout the community gardens.</li> <li>Use of Angus Council's recycled soil enhancer (Meets PAS100 standards)</li> <li>Peat free compost and use of natural fertilisers such as biosolids</li> <li>Hand weeding and raking. No pesticide use.</li> <li>Conserve and manage native trees and shrubs</li> <li>Rainwater harvesting</li> </ul>	<p>Increase biodiversity</p> <p>Support pollinators</p> <p>Protect habitats</p> <p>Measure impacts</p>
<p><b>Water Management</b></p> <ul style="list-style-type: none"> <li>Conserve and reduce the use of mains water in the gardens</li> <li>Increase capacity of poor sandy soil to retain moisture and nutrients. e.g soil enhancer and peat free compost.</li> <li>Comprehensive rainwater collection system installed at the Bothy and Resilience shed. Water drains into three butts which have taps for filling watering cans.</li> <li>Reduce mowing patterns to allow the grass to grow longer and provide more moisture. One person takes responsibility for grass management and advising frequency of cuts to others on the rota.</li> <li>Future plant choices include: coastal plants which do well in drought conditions e.g Echinacea, Sedum, Catmint, Lavender, Salvia, Hebe, Veronica, Loosestrife.</li> </ul>	<p>Waste less fresh water</p> <p>Adapt and use more sustainable practices</p> <p>Restore Nature and end Scotland's contribution to climate change by 2045</p>
<p><b>Extreme Weather Events</b></p> <ul style="list-style-type: none"> <li>EHT is a member of the Angus Community Resilience Forum and has a Community Resilience plan in place to mitigate against the impact of the challenges faced by our coastal community</li> </ul>	<p>Communities must adapt and mitigate against the impact of changing weather patterns.</p>

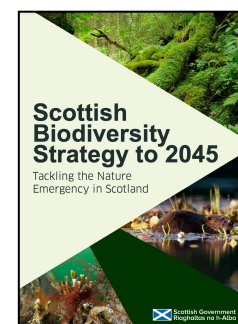
March 2023

Coastal Change Adaptation Plan  
Guidance(Interim Guidance)  
Scottish Government

February 2023


 Scottish Government  
Environment and Rural Affairs

Adaptation



Biodiversity

The Environment Strategy  
for Scotland:  
Progress Report to the Parliament
 Scottish Government  
Environment and Rural Affairs

Environment