

The Devon Carbon Plan



Agenda

1. How the plan was developed
2. What the plan covers
3. Overseeing the delivery of the Plan
4. How to view the Plan
5. How to use the Plan
6. Activity to date delivering the Plan
7. Examples of how others are using the Plan
8. Devon Climate Declaration
9. Q&A
10. Keep up to date & find out more

The Devon Climate Emergency

Creating a resilient net-zero carbon Devon – where people and nature thrive

Objectives:

- Reduce carbon emissions to net-zero by 2050 *at the latest*
- Improve the resilience of Devon's environment
- Prepare communities for a warmer world

Partnership:



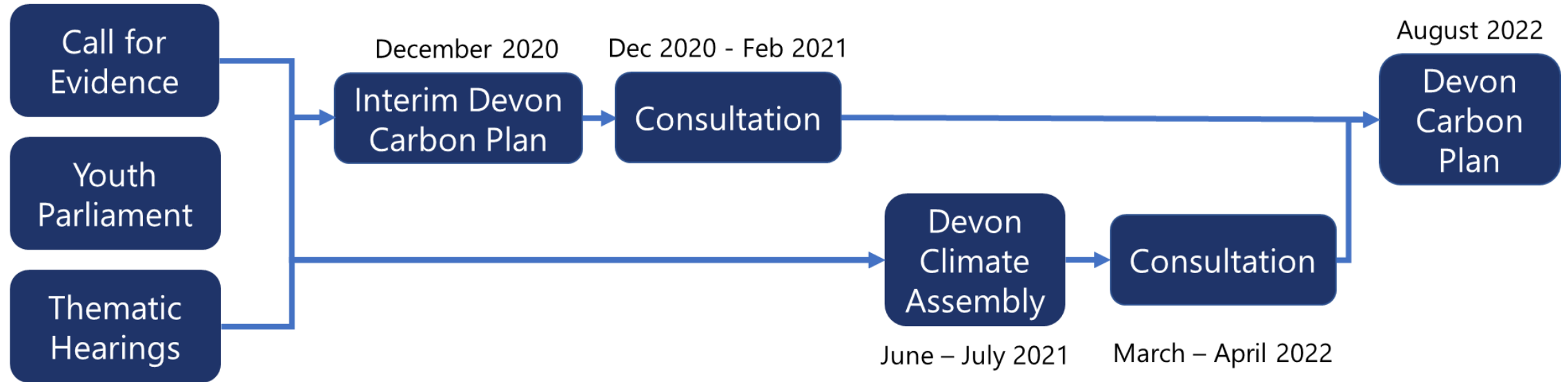
Net-Zero Task Force

- Fifteen specialists
- Chaired by Patrick Devine-Wright, University of Exeter
- Producing the Devon Carbon Plan
- Devon Carbon Plan will nest with other plans
 - Devon Carbon Plan – Influencing system, national and county issues
 - District/City/Town/Parish Carbon Plans – community issues



Devon Carbon Plan Process

Oct 2019 – Jan 2020



Call for Evidence

- 3 months
- Closed 31st January 2020
- 859 submissions



Thematic Hearings

- November and December 2019
- Food, Land and Sea
- The Built Environment
- Mobility
- Energy and Waste
- Summary hearing: spatial planning, behaviour change, procurement and industrial strategy
- Key findings are online

Youth Parliament

- Climate summit in November 2019
- Workshop to gather opinion on decarbonisation options
- All Devon secondary schools invited
- Fifteen schools attended – 75 students



Public Consultation

- Interim Plan published 7th December 2020
- 1,321 responses, overwhelmingly supportive
- But, needs to be more concise
- In the meantime partners are getting on with Taking Action

Citizens' Assembly

- Advisory panel of 70 citizens, representing Devon
- Online in June/July 2021, meeting for 24 hours in total
- University of Exeter advised how it should operate
- Discussed three big challenges:
 - How Devon should encourage people to retrofit buildings more quickly
 - How Devon should encourage people to use their cars less
 - Whether Devon should have more onshore wind and, if so, under what conditions?
- Their report, in their own words, is [online](#)
- Partnership responded and added new actions to Final Devon Carbon Plan, following a further public consultation in February 2022



The Devon Carbon Plan Objectives



Fossil fuels phased out
as energy source



Minimised energy
consumption



Engaged communities
acting for resilience
and a net-zero carbon Devon



Carbon captured from the
burning of fuels



Minimise fugitive
greenhouse
gas emissions



Resilient local
economies
with access
to green finance



A circular use
of resources



Maximise carbon storage
in marine and terrestrial
environments

Cross-Cutting Themes



Behaviour Change And
Community Engagement.



Knowledge Sharing, Skills
And Learning.



Spatial Planning.



Access To Finance
And Resources.



Procurement &
Commissioning.

Economy & Resources



Avoid Waste And Create A Circular Economy.



Reduce Emissions From Unavoidable Biodegradable Waste And Wastewater Treatment.

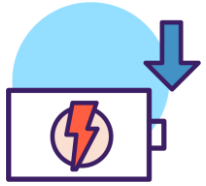


Use The Purchasing Power Of Devon's Organisations.



Support Communities And Businesses To Transition To Net-Zero.

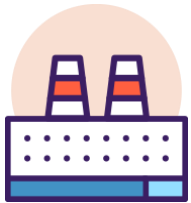
Energy Supply



Use Less Energy.



Transition To Renewables.



Increase Flexibility And Storage.

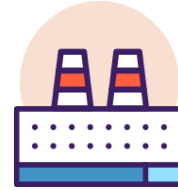


Develop Carbon Capture And Storage.

Built Environment



Retrofit Existing Houses.



New Buildings Need To Be Net-Zero As Soon As Possible.



Retrofit Existing Commercial And Industrial Premises.



Minimise Energy Use By Amenity Lighting.

Transport



Reduce Need To Travel.



Shift To Sustainable
Transport Options.



Use Technology To Reduce
Emissions From Vehicles.

Food, Land & Sea



Develop Demand For
Nutritious And Sustainably-
Produced Food.

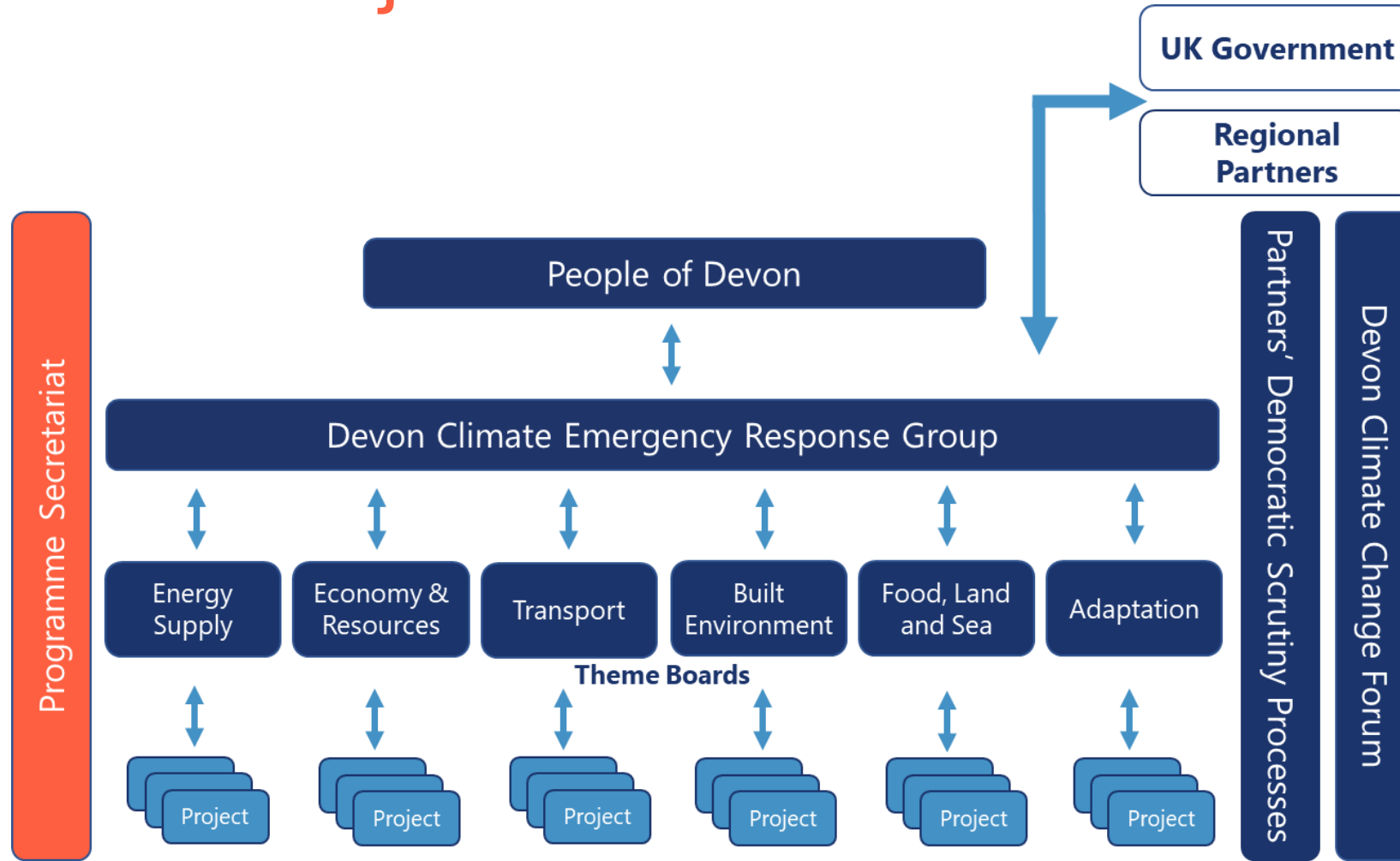


Reduce GHG Emissions And
Improve Carbon Storage
From Farming.



Maximise Carbon Storage In
The Environment.

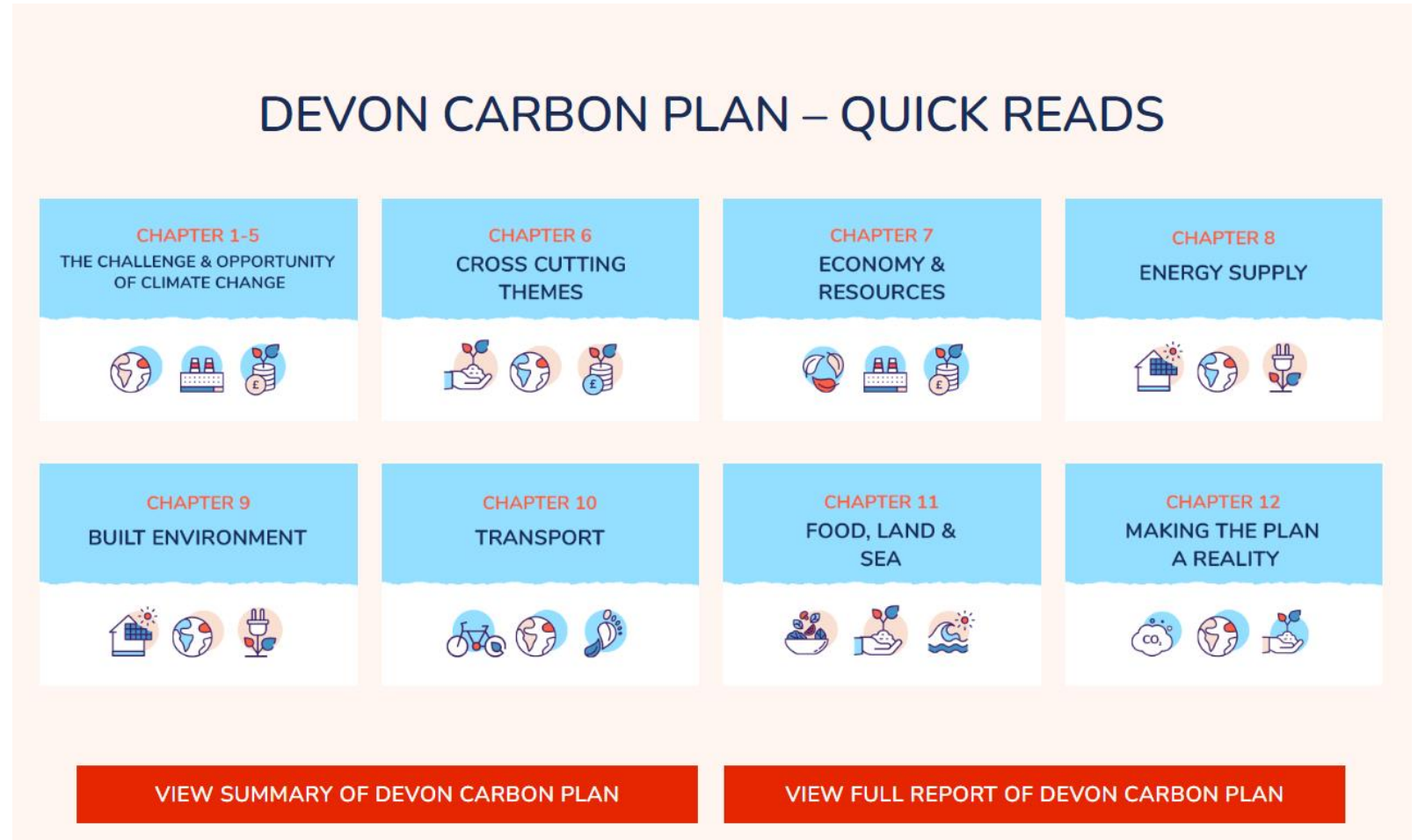
New Project Governance



- Response Group and Theme Boards meet quarterly
- Devon Climate Change Forum meets 'once or twice' a year
- Planned to be in place by February 2023

Devon Carbon Plan Quick Read

- An ideal starting point for anyone who wants an overview of the Plan
- Lists actions individuals, communities, organisations and local policy makers can take to create a resilient, net-zero carbon Devon



Actions:

Built Environment

Everyone:

- * Check if you're eligible for free energy efficiency improvements for lower-income householders
- * Take a personalised Home Energy Check
- * If you have not already done so, turn the thermostat down
- * Insulate your home
- * Install LED lightbulbs
- * Wash at 30°C
- * Hang dry your clothes
- * If you're in a position to do so, install a low carbon heating system
- * Ensure new building work is as energy efficient as you can afford

EXAMPLE DEVON CARBON PLAN QUICK
READ



Summary and Full Devon Carbon Plan

- **Summary version** – shorter than the full document and provides details about the key parts of the Plan.
- **Full Devon Carbon Plan** – all the background information, research and detail regarding how Devon can become net-zero across five intersecting themes.



The screenshot shows the Devon Carbon Plan website. At the top is a navigation bar with the 'dce' logo, links for Home, About, Devon Carbon Plan, Adaptation Plan, Devon Responds, Resources, Declaration, and a search icon. The main heading is 'DEVON CARBON PLAN'. Below it, a paragraph states: 'This is the full length Devon Carbon Plan – all the background information, research and detail regarding how Devon can become net-zero across five intersecting themes. This version is best suited to anyone looking to learn about the full scope of the climate emergency in Devon, and how Devon will tackle this.' On the left is a sidebar with a search bar and a list of summaries from 1 to 12, plus a glossary. The main content area on the right lists four key themes with expandable sections: 7.1 Introduction, 7.2 The Change Needed (which includes 7.2.1 Avoid waste and create a circular economy, 7.2.2 Reduce emissions from unavoidable Biodegradable waste and wastewater treatment, and 7.2.3 Use the purchasing power of Devon's organisations), and 7.4 Support communities and businesses to transition to net-zero. The footer features the 'dce Devon Climate Emergency' logo with a colorful wave graphic.

dce

Home About Devon Carbon Plan Adaptation Plan Devon Responds Resources Declaration

DEVON CARBON PLAN

This is the full length Devon Carbon Plan – all the background information, research and detail regarding how Devon can become net-zero across five intersecting themes. This version is best suited to anyone looking to learn about the full scope of the climate emergency in Devon, and how Devon will tackle this.

Keyword SEARCH

SUMMARIES

1. THE CHALLENGE AND OPPORTUNITY OF CLIMATE CHANGE
2. INTRODUCTION
3. DEVON NOW
4. DEVON IN THE FUTURE
5. NET-ZERO TARGET, OBJECTIVES AND PRINCIPLES
6. CROSS CUTTING THEMES AND ISSUES
7. ECONOMY AND RESOURCES
8. ENERGY SUPPLY
9. BUILT ENVIRONMENT
10. TRANSPORT
11. FOOD, LAND AND SEA
12. MAKING THE PLAN A REALITY

GLOSSARY

- Avoiding waste and creating a circular economy
- Reducing emissions from unavoidable **Biodegradable** waste and wastewater treatment
- Using the purchasing power of Devon's organisations
- Supporting communities and businesses to transition to net-zero

7.1 Introduction >

7.2 The Change Needed >

7.2.1 Avoid waste and create a circular economy >

7.2.2 Reduce emissions from unavoidable **Biodegradable** waste and wastewater treatment >

7.2.3 Use the purchasing power of Devon's organisations >

7.4 Support communities and businesses to transition to net-zero >

dce Devon Climate Emergency

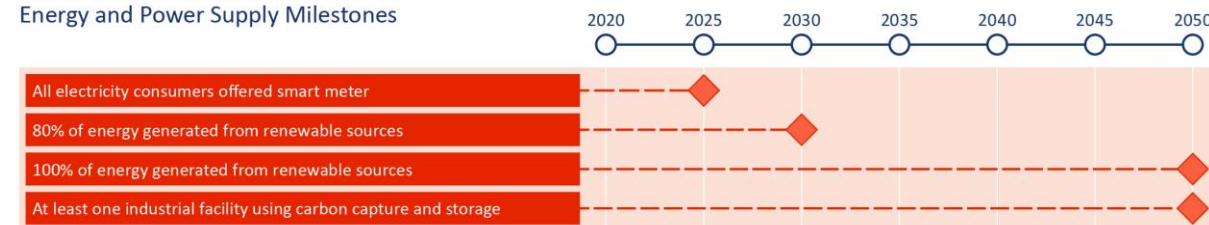
Using the Plan

- Take a look at the actions in the Devon Carbon Plan and identify those you can help with
- The actions are summarised in tables for ease of reference



Theme	Cross-Cutting Theme	Action Number	Action	Section of the plan	Prioritisation score	Where most likely to help achieve the action?	Where should this action take place?	Integrated financial status	Potential new funding amount (where identified)
Economy and resources	Behaviour transformation and community engagement	81	Deliver targeted communication to empower people and businesses to adopt more sustainable consumption habits, prevent waste and end to a culture of throwing away and recycling	T5.1	High	National Park Authorities, All Councils, Community Organisations, Environmental Organisations, and Education Establishments	Will occur everywhere	New resource required to expand existing delivery - yet to be identified	
Economy and resources	Knowledge sharing, skills and learning, behaviour transformation and community engagement	82	Support communities to establish waste and resources groups	T5.1	High	County Council, Unitary Councils, District & Borough Councils, Community Organisations, Environmental Organisations	Will occur everywhere	New resource required to expand existing delivery - yet to be identified	
Economy and resources	Access to finance and resources	83	Improve the reuse facilities at Household Waste Recycling Centres	T5.1	High	County Council, Unitary Councils	Will occur everywhere	New resource required to expand existing delivery - yet to be identified	
Economy and resources	Behaviour transformation and community engagement	84	Encourage the enjoyment of low-carbon experiences rather than material consumption	T5.1	High	All Councils, National Park Authorities, Community Organisations, Environmental Organisations, Businesses	Will occur everywhere	Within existing resources	
Economy and resources	Access to finance and resources	85	Support innovative industries and new models that have the potential to contribute to delivering net zero	T5.1	High	Local Enterprise Partnerships, County Council, Unitary Councils, District & Borough Councils	Will occur everywhere	New resource required to expand existing delivery - yet to be identified	
Economy and resources	Behaviour transformation and community engagement	86	Align Devon's household waste collection services as far as viable	T5.2	Medium	County Council, Unitary Councils, District & Borough Councils	Will occur everywhere	New resource required - yet to be identified	
Economy and resources	Behaviour transformation and community engagement	87	Consider reducing the frequency or volume of black bin collections	T5.2	Medium	County Council, Unitary Councils, District & Borough Councils	Will occur everywhere	Within existing resources	
Economy and resources	Behaviour transformation and community engagement	88	Commercial waste services to collect a wider variety of separated materials for recycling	T5.2	High	Businesses, County Council, Unitary Councils, District & Borough Councils	Will occur everywhere	New investment required	
Economy and resources	Procurement and commissioning	89	Waste Collection Authorities that do not collect commercial waste to consider offering a high quality service	T5.2	High	Unitary Councils, District & Borough Councils	Will occur everywhere	Within existing resources	
Economy and resources	Procurement and commissioning	90		T5.2	High	Business	City and Town	New resource	

Energy and Power Supply Milestones



Highlights of Activity

- **More than £1.1m is delivering tens of thousands of trees** in parks and woodland by 2024
- Councils are providing an **extensive network of electric vehicle charging bays** by the end of 2023
- **A one-stop-shop for energy advice and building upgrades** is being established by Cosy Devon
- **The Devon Food Partnership has been created** to help improve the sustainability of food and farming and end food waste
- **Energy improvements in public buildings worth £26m** are being delivered
- **A Local Nature Recovery Strategy and a Land Use Framework** are being prepared to guide how land should be used for maximum benefit for nature and people
- **Over £1.2m** has been distributed to **local businesses and communities for green innovation**
- **Local Cycling and Walking Infrastructure Plans** are being put in place alongside making streets safer and developing more infrastructure

Devon Climate Declaration

- Developed by the project partners in summer 2019
- Principal commitments:
 - a willingness to lobby for required national policy changes and resources.
 - to review organisational carbon reduction plans within 6 months.
 - collaborate on the production and implementation of a Devon-wide carbon plan.
 - collectively review community risks to a warmer world.
- **Any organisation or community is encouraged to endorse it and will be listed on the website**
- **Tell us what you're doing to tackle climate change, so we can share your stories**

Keep up to date & find out more:

- [View the Devon Carbon Plan:](#)
www.devonclimateemergency.org.uk
- Follow and engage with the project on social media

Twitter	@devonclimate
Instagram	@devonclimateemergency
Facebook	@DevonClimateEmergency
- [Look at the tips](#) for communities, organisations and individuals on the website
- Look at the [latest updates from project partners](#) on the website

Sign up to the newsletter:

