

Climate Workshop 1
Town and Parish Councils



# **Workshop Facilitators**



Antony Littlechild – Sustainability Manager Carl Warom - Climate & Ecological Policy & Project Manager Keziah Rookes - Climate Sector Support Officer Connor Pearson - Corporate Sustainability Officer Lucy Ingram - Climate Policy and Funding Officer Gary Foot – Low Carbon Dorset Project Officer Tom Scarrett - National Management Trainee Amy Smith - Local Nature Recovery Officer



## Purpose of the day

This workshop is the first in a series of collaborative meetings aimed at developing a joined-up approach to climate and nature across our councils. The aim of today is to share and discuss successes and challenges and plan for future collaboration



# Agenda

Session	Time	Activity	Lead							
Session 1	10:00 –10:35	Welcome & Climate Speed Networking Icebreaker	Keziah Rookes							
	10:35 – 11:00	DC Climate Update	Antony Littlechild & Connor Pearson							
	11:00– 11:30	Table Rotation 1 – Mini Workshop Sessions	Facilitators – Connor, Amy and Carl							
15 min Coffee Break - Support Staff - Lucy and Tom on coffees										
Session 2	11:45 – 12:00	Climate Ambassadors	Keziah Rookes							
	12:00 – 12:15	Low Carbon Dorset	Gary Foot							
	12:15–12:45	Table Rotation 2 – Mini Workshop Sessions	Facilitators – Connor, Amy and Carl							
15 min Coffee Break - Support Staff - Lucy and Tom on coffees										
Session 3	12:45 –13:00	Climate & Nature T&P Survey Feedback	Keziah Rookes, Tom Scarrett and Amy Smith							
	13:00-13:25	Group Discussion: Forward Planning & Future Topics	Keziah Rookes							
	13:25 – 13:55	Table Rotation 3 – Mini Workshop Sessions	Facilitators – Connor, Amy and Carl							
	13:55 – 14:00	Close & Thank You	Keziah Rookes							
		Tea coffee networking opportunity until 14:	30							



# Climate Speed Networking

- 1. Name
- 2. Council
- 3. Role
- 4. What's one climate or nature project your council is proud of?
- 5. Your biggest challenge in tackling climate change locally?
- 6. What's one thing you'd love to learn from other councils?





## **Dorset Council Climate Update**

## Council Plan: Updated targets



We've set climate and nature as one of the four priorities of the new Council Plan, and set a range of new targets including:

Transition all our small vehicles to electric by 2030

Add another 5MW of solar PV to our estate by 2030

Develop adaptation plans for our services by March 2026

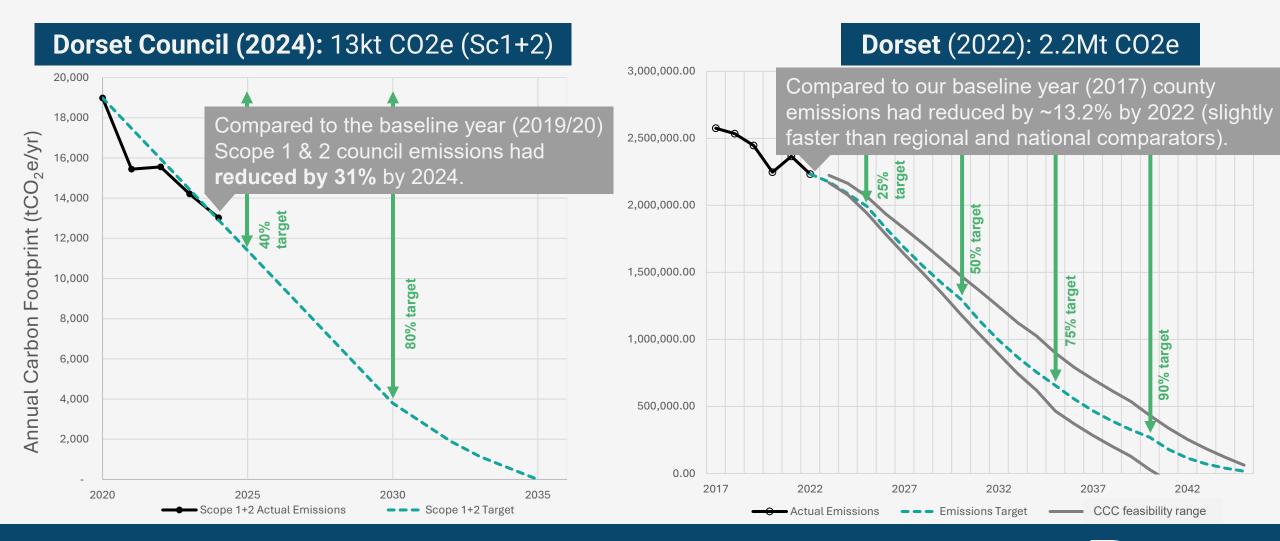
A 65% recycling and composting rate by 2035

Manage 80% of our urban verges for nature by 2030

70% of our county farms estate using sustainable farming practices by 2030



## Our Emissions: Target and performance





## Progress so far: Our Council



### **Building Retrofit**

- 42.3% savings in 23/24
- Decarbonisation Plans produced for 120 properties



# Transitioning with HVO

- HVO at every council fuel site
- >90% of vehicles transitioned



### Electrifying the Small Fleet

- 1/4 of small fleet now EV
- 36 chargers installed, 18 in progress



### Workplace Travel Plan

 Framework for reducing business-related travel and commuting



## Current projects: Council estate Solar PV

Council Estate

Decarbonisation

Programme

In addition to the ~100 solar PV installations already in place, for the next phase we've identified another 49 potential sites through desktop review.

A consultant was appointed to undertake outline design for each site, to inform future procurement, programming/timing, preparatory work, and delivery.

Work has been now been completed to assess roofs, access, electrical requirements, planning considerations/constraints, and make grid connection applications.

The next phase of procurement is now in the Procurement Forward Plan, with procurement of the batches planned for 25/26 and 26/27.

46

schemes are developed to outline design stage **42** ave bee

have been assessed as deliverable

£2.4-

2.6m

Is the estimated total cost

**2.2**MWp

Is their potential capacity

36

schemes have secured grid connections so far 28

are 'permitted development', with 9 requiring prior notification; 5 full planning applications



## Progress so far: Strategic Policy Framework



## **Local Transport Plan 4**

- Covers 2026–2041
- Consultation alongside Local Plan in late summer/Autumn



# Local Nature Recovery Strategy

- Sets 12 nature recovery priorities
- The draft is available to read now on our website



# Residual Waste and Recycling

- Waste Strategy 2024 focuses on next five years
- #1 unitary council for recycling

# Public Sector Decarbonisation Group

Developing partnerships across
 Dorset, including on procurement,
 carbon reporting and resilience



## Current projects: Economic Growth Strategy



Clean energy is one of the core priority ambitions of our draft economy strategy, 'Energising Dorset', and our teams are actively engaged in conversations with major investors and developers to help realise these opportunities.

#### Ambitious for Clean Energy

A green growth revolution is underway which positions Dorset as a new UK destination for international investment in clean energy. Bringing together private sector organisations, the Dorset Clean Energy Super Cluster is on a mission to unlock investment and align processes to ensure the UK Industrial Strategy can be delivered in Dorset and the English Channel. This will strengthen UK security and resilience, accelerate economic restructuring and transition whilst complimenting energy projects in the Celtic Sea and other parts of the UK.

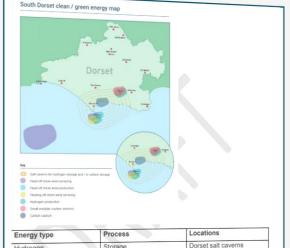
Dorset presents multiple opportunities to advance Nationally Significant Infrastructure Projects by harnessing its unique geography and geology, whilst leveraging the exceptional deepwater port at Portland. With an estimated investment level across all projects of £28 billion – the UK and Dorset has a strategic opportunity to enable a once in a generation transformation to drive and deliver green growth and clean power. This accelerates progress towards delivering Government ambitions set out in Invest 2035 and its commitments to clean power by 2030 and Net Zero by 2047.

Investment opportunities are centred around Winfrith and Portiand Port with its deep water, sheltered harbour and minimal tidal range, and availability of land and buildings that can be adapted to provide accommodation and manufacturing space. They include:

- · Offshore Wind in the English Channel and Celtic Sea
- · A deepwater, offshore wind hub to construct and service the renewable sector
- Carbon dioxide (CO2) capture and storage (CCS)
- Clean hydrogen import and storage
- Hydrogen production
- Nuclear Small Modular Reactors (SMRs) at Winfrith
- Related opportunities such as grid improvements floating solar and desalination
- Improving digital capabilities including high-capacity fibre spine and data centres.

By capitalising on south Dorset's unique, geological and geographical and physical assets such as grid connection points, nuclear license, deep water harbour and salt caverns, a strong investment proposition for Dorset is being made.

We want to work in partnership with the private and public sector to maximise these opportunities. In doing this we can make positive contribution to England's energy security and achieve sustainable future-looking growth for Dorset. Furthermore, with the levels of energy being produced, opportunities for further private sector investment, such as for data centres, can be harnessed.



Energy type	Process	Locations Dorset salt caverns Portland and Winfrith Weymouth bay Dorset salt caverns Portland Portland Winfrith	
Hydrogen	Storage		
Hydrogen	Production		
Carbon	Capture from sea water		
Carbon	Storage		
Floating off-shore wind	Servicing		
Off-shore wind (fixed)	Production and servicing		
Nuclear	Small Modular Reactors (SMR)		

These future looking industries and environmentally sustainable new technologies are attractive to younger people, providing secure, skilled and well-paid jobs. Science

technology, engineering and maths (STEM) education in schools, and higher education provision will be supported and enhanced to provide for the development, skills and research for these industries. We want to collaborate with regional universities on industry and academia collaboration, including the take up of research and development, technology transfer and the location and support for university spin-out businesses. We can build on our existing contacts, such as Exeter's University's carbon capture from sea water pilot demonstration project, to do this.

#### How we will do this

- Work with partners to secure Portland as a location for servicing and manufacturing
  of fixed and floating off-shore wind farms
- Secure in south Dorset projects delivering Carbon Capture and storage and hydrogen production.
- Develop, adopt and implement a new masterplan for the Nuclear Restoration Services (NRS) Winfrith site prioritising clean energy production.
- Encourage and facilitate investment in digital infrastructure to provide a foundation for economic growth and prosperity and so we can capitalise on the clean energy generation to power data centres and Al Growth Zones.
- Pursue a Devolution Deal with neighbouring authorities to secure devolved powers and funding from government which can support green energy projects, and digital and transport infrastructure

#### Target Measures

By bringing productivity up to the UK average, we would generate an additional £1.6 billion for Dorset, leading to higher paid jobs and greater disposable income. We want

narrow the Dorset to UK productivity gap by 5% by 2029

The emerging clean /green energy super cluster is an area of significant opportunity for

 generate over 2000 jobs and over £500m of private sector investment in renewable energy projects by 2029



## Progress so far: Supporting local people

### **Low Carbon Dorset**

- Helped over 700 businesses, communities and organisations in 8 years
- Extended up to March 2026



# Farming in Protected Landscapes

 Projects covering flood risk, carbon emissions and tree, woodland and hedge planting



# **Group Buying Renewables**

 Letters have started to be sent out, registrations until October, installations mid-2026





## Progress so far: Our Region



### **Great South West**

- Highlighting key strategic opportunities such as renewable energy development
- Engaging with national government for Dorset and SW



## Climate Ambassador Programmes

 Programme with Met Office and Children's Services for schools, helping schools with Climate Action Plans



# Procurement Toolkit

 Developing a toolkit to help understand and tackle carbon emissions in our supply chain



### **Energy Planning**

- Creating a Local Area Energy Plan (LAEP)
- New national framework for strategic energy planning emerging (RESPs)



## Current projects: Adaptation & Resilience

A draft council operational climate risk assessment is in development to increase corporate visibility, oversight and management of these risks – and help inform future resourcing discussions about the costs of adaptation or remedial works.

We are considering the impacts from:

- Changes in average conditions (e.g. average temperature or sea levels).
- Greater incidence and severity of extreme weather events (e.g. heatwaves and wildfire).
- Spillover effects from non-local impacts

#### It comprises 7 impact themes and 44 impact areas:





Assets, infrastructure & equipment



Transport & travel



会 Supplies & supporting services



Resourcing & finance



Strategic, democratic & assurance



## Current projects: Adaptation & Resilience

To develop a **county adaptation strategy**we are frontloading
community
engagement to provide
clear resident steer.

We will hold a

community

conversation and

visioning exercise a

citizen panel and public
survey, supported by an
advisory group.

The next phase (Q1/2 2026) will use that steer to agree the method and develop the content for the county risk assessment and strategy.

Working groups in that second phase will collate evidence, determine risks & opportunities, actions, KPIs and future governance.

#### Phase 1: Community phase (provisional timeline):

July

June Inception and internal

engagement

Recruitment
of community
panel &
advisory
board

Jul-Sep
Panel
onboarding,
public
survey

Panel sessions & advisory board sessions

**Oct-Nov** 

**Dec**Reporting and start of phase 2





## **Climate Ambassadors**

# What is the Climate Ambassadors scheme?

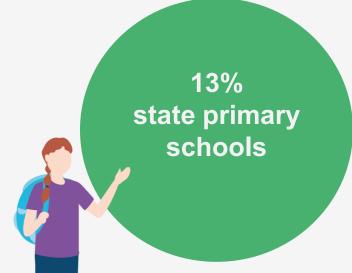
Programme set up by the department of education in collaboration with Reading University to place volunteers in schools to support climate action plan creation and implementation

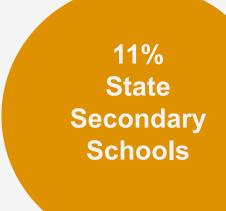


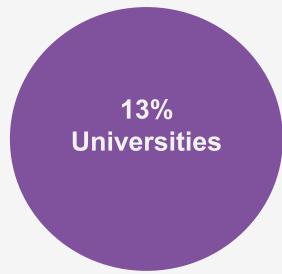
# Why is climate action important

The education system in England and Wales is both a significant contributor to climate change and is likely to be strongly affected by it.

Education is the public sector's largest emitter of carbon from buildings, accounting for 37% of public sector emissions:











# Why is climate action important

72%
of UK 14-18
year-olds
would like to
learn more in
school

77%
feel anxious
when
thinking
about climate
change

95%
of teachers find teaching about sustainability and climate change extremely important

70%
don't feel ready to do so







# The DfE Sustainability and Climate Change Strategy

Published by the government in April 2022, it states that all education settings should have a Climate Action Plan in place by December 2025 with a named Sustainability Lead. It adopts a whole institution approach and addresses four pillars









## The Four Pillars



Decarbonisation



Biodiversity



Climate education and green careers



Adaptation and resilience







In association with EAUC, STEM Learning and the University of Reading

'Sister' Projects

#### **Commissioned by**



#### Led by





#### **Digital Infrastructure**

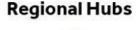


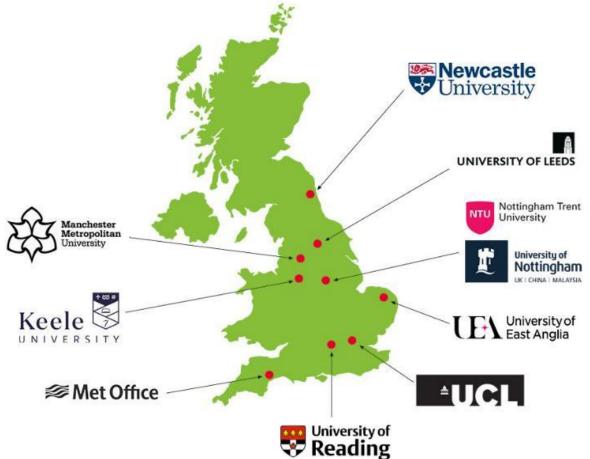
#### **Training and Mentoring**



#### **Engagement**









**Digital Support Hub** 





### **Climate Action Plans**



- A climate action plan (CAP) is a detailed plan to enable an education setting, or trust, to progress or commence sustainability initiatives.
- The CAP can sit within an individual setting, across a trust, or both and incorporates the four pillars of climate action
- It is important to realise that every education setting will be at different stages of development, and no action is too small, what is important is that action is taken now and progress is built into your plan.



#### **Biodiversity**

**Our Vision** (how can we enhance biodiversity, improve air quality and increase access to, and connection with, nature?):

#### **Prompt Questions:**

- Has the education setting mapped and recorded biodiversity on their campus?
- Could the estate be managed differently, to provide habitats that serve to enhance local biodiversity?
- Do the estates team need support to provide habitats that enhance local biodiversity?
- Do pupils have opportunities to learn in and about nature? Could this be enhanced on the education settings campus or using facilities elsewhere in the local community?

Action	Link to Improvement Pla	Responsibility and Key Stakeholders	Timescale	Information and/or resources required	Target/ Measure	Progress (To be updated at regular review points)
Is it an action that: Explores Prepares Acts			Start date: Review Date:	Useful links:		
			Start date: Review Date:	Useful links:		
			Start date: Review Date:	Useful links:		
			Start date: Review Date:	Useful links:		





## Why get involved?

# Education settings

- Get tailored and direct expert support to progress the development and delivery of your Climate Action Plans
- Climate Ambassadors are trained, DBS checked and can help you navigate support available

### Volunteers

- Affect a meaningful change in your local community
- Support young people's climate education and skills development
- Enhance your own climate skills and knowledge

### **Employers**

- Addition to your employee volunteering scheme
- Support community engagement and social value goals
- Enhance employee engagement



### What can it offer schools?

Climate Ambassadors can help us fulfil this objective in three ways

- 1. By supporting schools at a strategic level at the development stage of a climate action plan
- 2. More generally, in the implementation of the climate action plan through working with staff and students on specific curriculum themes or whole school campaigns
- 3. Climate Ambassadors who work in schools as governors, members of a MAT, sustainability lead or teacher with access to free training to build capacity and agency.



## Climate Ambassador training

**Induction and Safeguarding** 

**Flexible Training Modules** 

Specialised Training Opportunities

Support and Resources

Ambassadors
undergo an
induction process
that includes a
full DBS check
and mandatory
safeguarding
training

Ambassadors receive flexible, free training on various topics such as decarbonization, biodiversity, climate education, green skills, adaptation, and resilience

Additional training opportunities include Carbon Literacy Training and a Sustainability Leadership program

Ambassadors are supported by regional hubs and provided with varied resources





## How to get involved

For further information, visit www.climateambassadors.org.uk

To register your school's interest: <a href="www.stem.org.uk/climate-ambassadors">www.stem.org.uk/climate-ambassadors</a>

To sign up as a climate ambassador or for more info: climateambassadors sw@metoffice.gov.uk

Can your council signpost local schools or potential climate ambassadors?





**Low Carbon Dorset** 

# Background

Jan. 2018

Low Carbon Dorset began in January 2018, originally run as a five-year programme of activities, funded by the European Regional Development Fund (ERDF).



A further one-year transition April 2025-March 2026 (£634k)

Additional funding of £1.356M from the Shared Prosperity Funding April 2023-March 2025.

Apr. 2023 – Mar. 2025



## **Programme Aims**



TO HELP REDUCE DORSET'S CARBON FOOTPRINT



INCREASE UPTAKE OF ENERGY EFFICIENCY AND RENEWABLE ENERGY MEASURES IN DORSET TO SUPPORT OUR JOURNEY TO NET ZERO...



HELP DORSET BUSINESS TO REDUCE COSTS AND CARBON.



STIMULATE GROWTH IN DORSET'S LOW CARBON ECONOMY AND SKILLS.



ACT AS AN ENABLER BY DEMONSTRATING WHAT WORKS AND STIMULATE INNOVATION.



# **Highlights**



Climate and Ecology

SME, Community and Public Sector Organisations

£7.5m Grants Awarded

**292 Completed Projects** 

**Over £13m Match Funding** 

Over 10,000 tonnes CO2e savings per annum

Over 16MW of renewable energy capacity installed

**1121 Expressions of Interest received** 



# **Completed Projects**



PV at Dorset Solar Limited



Hydro Screening Unit at Town Mill, Lyme Regis

LEDs at The Boat Building Academy in Lyme Regis



PV at Gold Oak Country Cabins



PV at Dorchester Almshouses



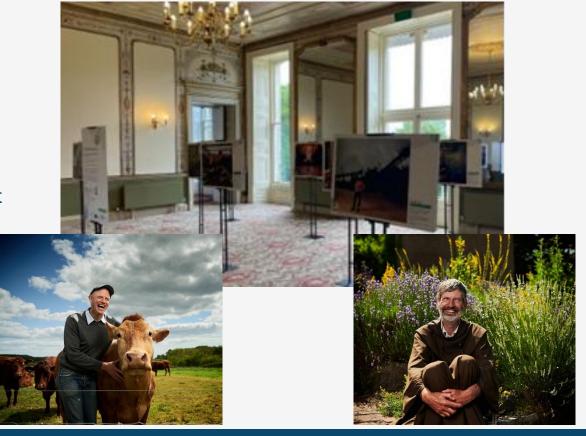
97.8kw Solar PV at Brookes Bacon in Wimborne



## **Low Carbon Dorset Exhibition**

An exhibition of professional photographs, telling the story and outcomes of the EU funded Low Carbon Dorset programme, through the people and places supported was held in 2024. Beginning in July 2024 to exhibition continues to travel across the County and is currently visiting libraries. Some of the locations who have so far hosted the LCD exhibition:

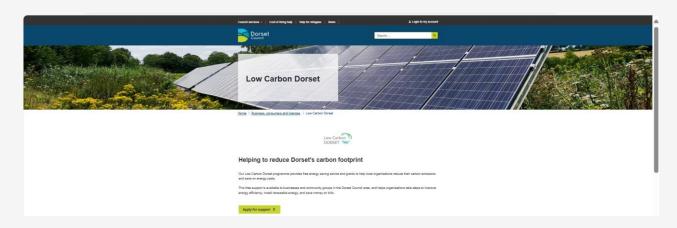
 Bridport Arts Centre, Durlston Country Park, Swanage, Verwood Hub, Sherborne Abbey, Dorset History Centre, Dorchester, National Trust, Kingston Lacy, Jubilee Pavilion, Lyme Regis, Weymouth Library, Wimborne Minster, County Hall, Dorchester and Upton Library.





## **Additional Information**

How to apply to low carbon Dorset - <u>Low Carbon Dorset - Dorset</u>
 <u>Council</u>



Email <u>climate@dorsetcouncil.gov.uk</u> if would like to discuss hosting the exhibition



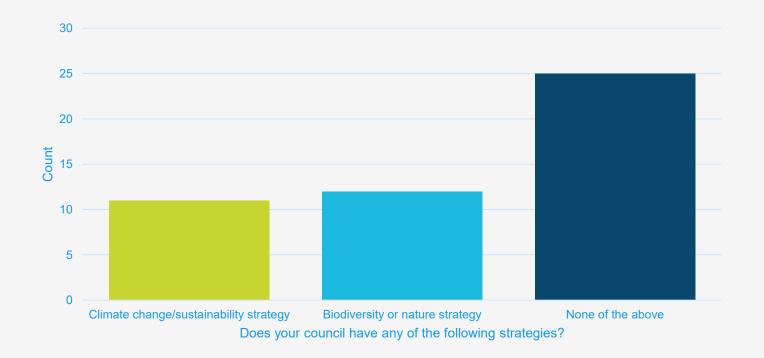


**Climate and Nature Survey** 

# **Survey results**

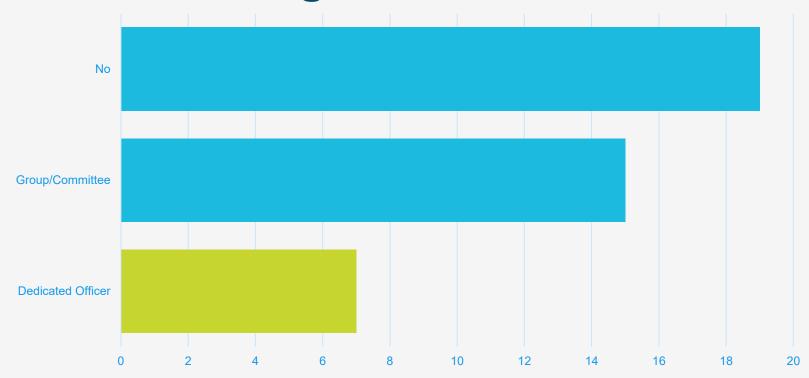
Do you complete a yearly carbon calculator?





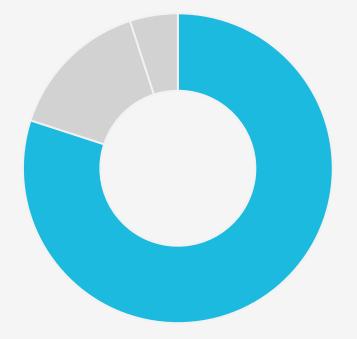


# Do you have a dedicated officer or group within your council working on climate/nature?

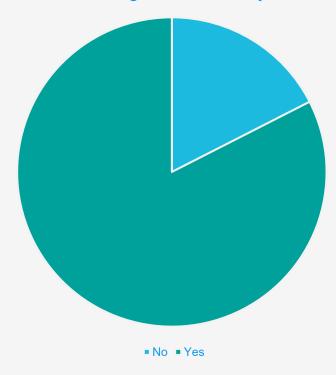




'Does your council face any challenges in addressing climate change?': Yes accounts for the majority of 'Count'.

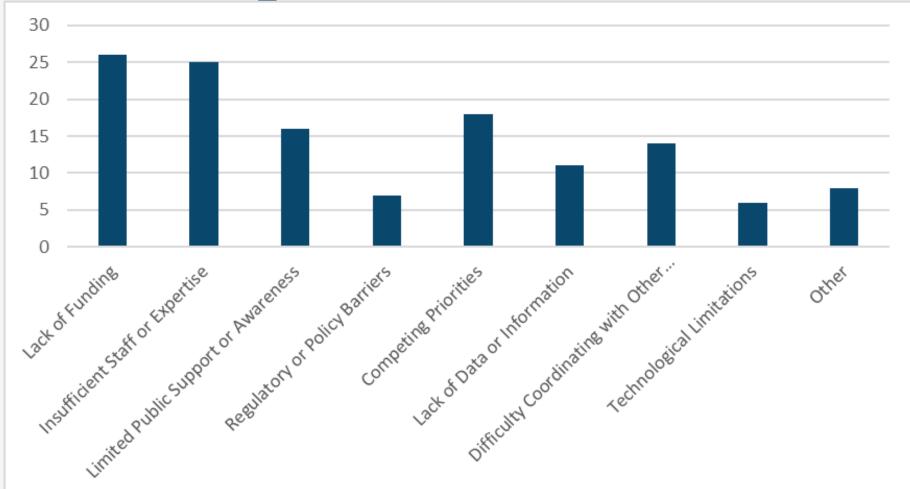


Would you or someone in your council be interested in finding out more about becoming a sustainability ambassador?



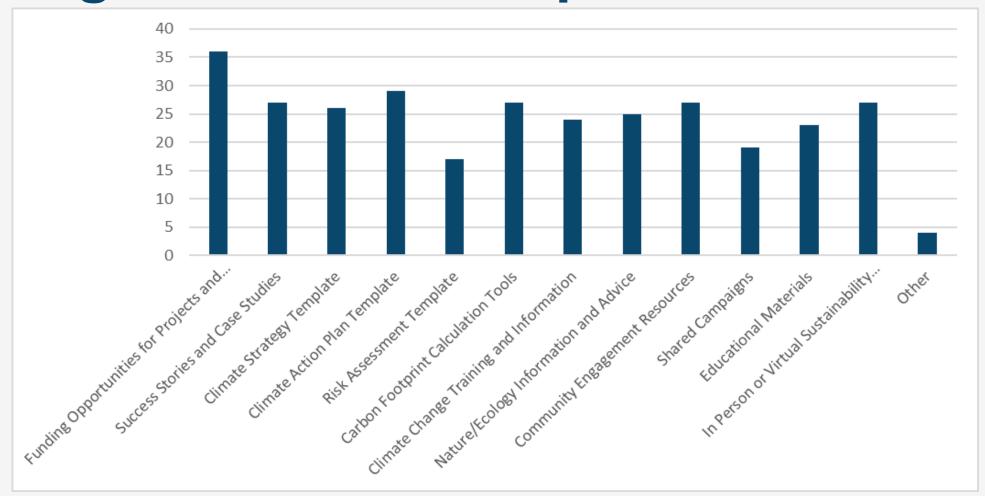


# Main challenges





# Things that would help





# Nature recovery priorities

Do any of the following align with your council's nature strategies, projects or ambitions?

Improving or connecting grassland habitats	47%
Improving or connecting woodland habitats	53%
Improving or connecting heathland habitats	16%
Restoring rivers, lakes, and wetland habitats	32%
Enhancing or creating coastal habitats	13%
Increasing the abundance and diversity of local wildlife species (and/or controlling invasive non-native	58%
species)	
Using sustainable farming practices to produce good quality food in harmony with nature	13%
Making more wildlife-rich spaces in towns and villages (e.g. parks, gardens, streets or recreational	61%
spaces)	
Using nature-based solutions to help with issues like climate change, pollution, flooding or health	58%
Helping others to get involved in nature recovery	50%



# Your nature recovery activities

- Wildlife and habitat surveys both independent and through planning
- Policies, plans and checklists for biodiversity, trees, wildflowers
- Tree planting projects and replacing felled trees
- Wildflower creation projects
- Managing nature-rich areas in cemeteries, churches and parks
- Reduced chemical use in greenspace management
- Reduced mowing where possible
- Insect and bird feeders and boxes installed
- **Hedgerow** surveys and planting
- Giveaway events for residents of wildflower seeds and tree saplings
- Nature art and photography competitions, installations and campaigns Litter and refill projects and campaigns Education events on nature topics











# Forward Planning and Future Topics

## Website

### What you can do



### **Individuals**

Find out what everyday changes you could make to help tackle the climate and ecological emergency.



### **Communities**

There are lots of things your community can do right now to help in the fight against climate change.



### <u>Businesses</u>

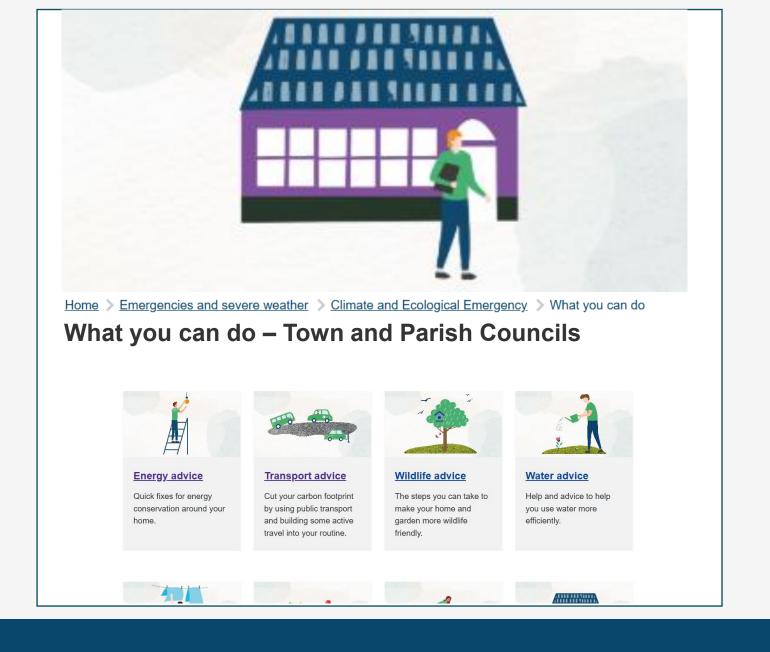
Access handy resources and find out what funds could be available to accelerate your business's journey to net-zero.



## Town and Parish Councils

Access case studies, tips and events for town and parish councils









### **Energy advice**

Quick fixes for energy conservation around your home



### Transport advice

Cut your carbon footprint by using public transport and building some active travel into your routine.



### Wildlife advice

The steps you can take to make your home and garden more wildlife friendly.



### Water advice

Help and advice to help you use water more efficiently.



### Sustainable Procurement

Find out more about the Dorset Council Sustainable Procurement Toolkit



### Climate Action Plan Templates

Climate Action Plan templates, examples and guidance



### **Grants and funding**

Find out what grants are available to you and examples of BIDs



### Creating a carbon footprint

Carbon footprint tool, webinars and guidance

### What are other Councils in Dorset doing?

Below are some case studies of what other councils in Dorset are doing:









### What are other Councils in Dorset doing?

Below are some case studies of what other councils in Dorset are doing:



### Shaftsbury Town Council - Climate Action Plan

Towards the end of 2022 STC turned to a working group of local environmental experts, activists and volunteers for guidance on the development of a new environmental policy and action plan for Shaftesbury.



# Char Valley Parish Council Climate and Ecological Emergency Working

To develop a strategy for working with the local community on the climate and ecological emergency



### Dorchester Watermark Project

Find out more about this project here

### **Up and Coming Events**



In-Person Workshops



**Webinars** 



Sustainability Ambassador Drop - in



## How can we continue to work together?

Webinars

In-person workshops

**Teams Forum** 

Collaborative projects

Sustainability Ambassadors





# Carbon Footprinting Workshop

By Connor Pearson – Dorset Council Corporate Sustainability Officer



## **Carbon Footprinting**

# Climate & Nature Workshop for Town Councils, 27th August 2025

Climate Change | Carbon Neutral Dorset

**Biodiversity Loss | Nature Positive Dorset** 

Adaptation | Resilient Dorset



## Carbon Footprinting



**Carbon Reporting** 

**Carbon Accounting** 

**Carbon Inventory** 

# Measuring the total greenhouse gas emissions caused directly and indirectly by an organisation

- Enables data-driven decision-making
- Supports funding applications and reporting
- Builds community trust and engagement
- Aligns with the UK's Net Zero by 2050 legal target

### The Process



### **Preparation**

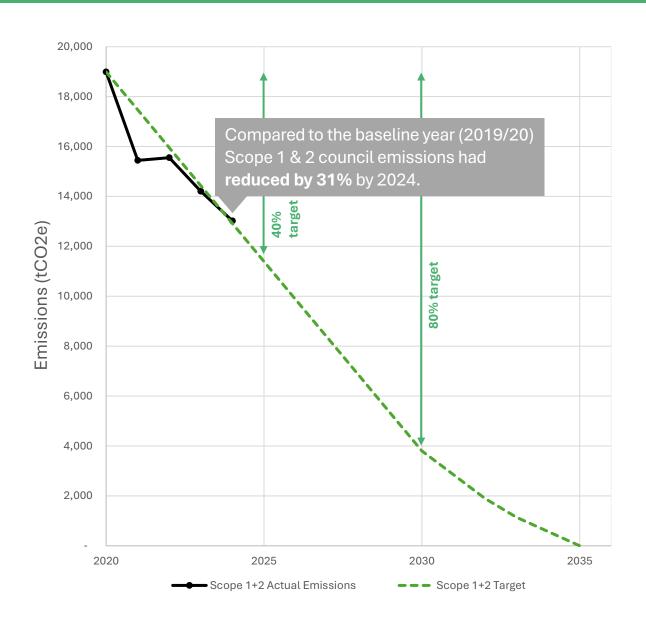
- Decide what is within scope
- Set a target

### Baseline year

- Gather your consumption data
- Convert it into your emissions data
- Report on your emissions

### Following years

- Gather your consumption data
- Convert it into your emissions data
- Report it compared to your baseline year



## **Scopes**



Direct emissions from owned or directly controlled sources.

Indirect emissions from the generation of purchased energy

All other indirect emissions that occur in producing and transporting goods and services, including the full supply chain

**Upstream** 

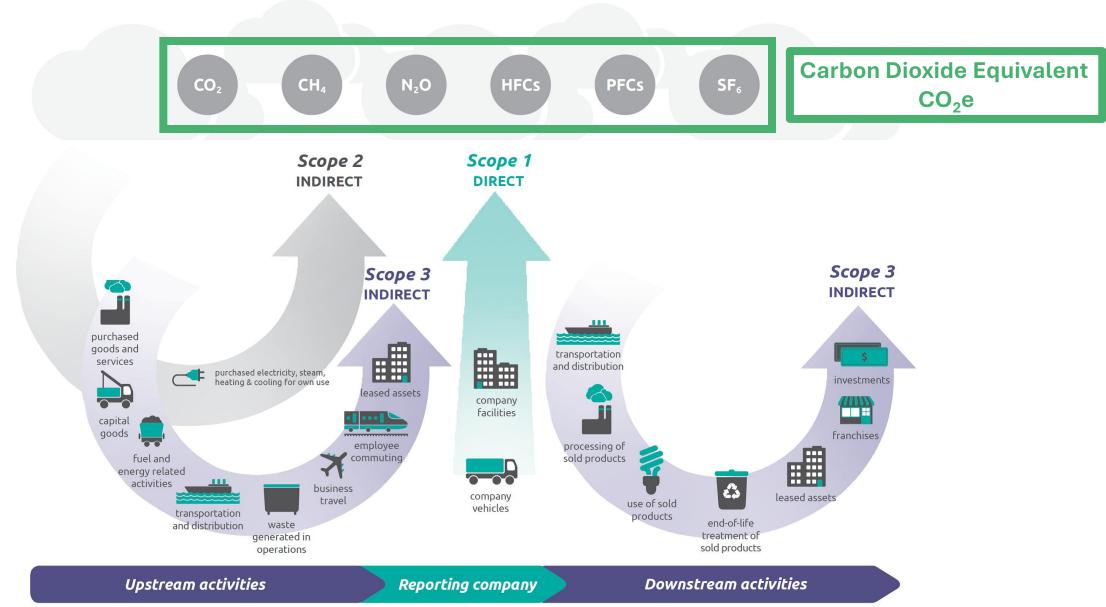
purchased or acquired goods and services

**Downstream** 

sold/produced goods and services

## Scopes





Source: WRI/WBCSD Corporate Value Chain (Scope 3) Accounting and Reporting Standard (pdf), page 5.

## What's within Scope



Direct emissions from owned or directly controlled sources.

- Fleet vehicles' fuel
- Buildings' fuel

Indirect emissions from the generation of purchased energy

- Electricity for buildings
- Electricity for streetlighting

All other indirect emissions that occur in producing and transporting goods and services, including the full supply chain

- Water supply/ treatment
- Highways Materials
- Business Mileage

- Commuting
- Purchased travel
- Waste from DC Buildings

3

## **Conversion Factors**



Consumption data

X

**Conversion** factor

**Emissions** data

Greenhouse gas reporting: conversion factors 2025 - GOV.UK

	Α	В	С	D	Е	F	G	Н	1
24			Diesel						
25	Activity	Туре	Unit	kg CO₂e	kg CO <sub>2</sub> e of CO <sub>2</sub> per unit	kg CO₂e of CH₄ per unit	kg CO₂e of N₂O per unit	kg CO₂e	kg CO₂e of CO₂ per u
26	S	Mini	km	0.10996	0.10828	0.000005	0.00167	0.13063	0.12995
27		Mini	miles	0.17696	0.17425	0.00001	0.00269	0.21022	0.20913
28		Cumarmini	km	0.13452	0.13284	0.000005	0.00167	0.14276	0.14208
29		Supermini	miles	0.21649	0.21378	0.00001	0.00269	0.22974	0.22865
30		Lower medium	km	0.14517	0.14349	0.000005	0.00167	0.16123	0.16055
31			miles	0.23363	0.23092	0.00001	0.00269	0.25948	0.25839
32		l Upper medium 🔝 📗	km	0.16194	0.16026	0.000005	0.00167	0.18535	0.18467
33			miles	0.26063	0.25792	0.00001	0.00269	0.29828	0.29719
34	Cars (by market	Formation	km	0.17088	0.16920	0.000005	0.00167	0.20073	0.20005
35	segment)	Executive	miles	0.27501	0.27230	0.00001	0.00269	0.32304	0.32195
36		Luxurv	km	0.20632	0.20464	0.000005	0.00167	0.30752	0.30684
37			miles	0.33205	0.32934	0.00001	0.00269	0.49490	0.49381
38		Sports	km	0.17323	0.17155	0.000005	0.00167	0.23396	0.23328
39			miles	0.27879	0.27608	0.00001	0.00269	0.37652	0.37543
40		Dual purpose 4X4	km	0.19973	0.19805	0.000005	0.00167	0.19219	0.19151
41			miles	0.32145	0.31874	0.00001	0.00269	0.30930	0.30821
42		MPV	km	0.18072	0.17904	0.000005	0.00167	0.17903	0.17835
43			miles	0.29085	0.28814	0.00001	0.00269	0.28812	0.28703
44									
45									
46				Diesel					
47	Activity	Туре	Unit	kg CO₂e	kg CO <sub>2</sub> e of CO <sub>2</sub> per unit	kg CO₂e of CH₄ per unit	kg CO₂e of N₂O per unit	kg CO₂e	kg CO₂e of CO₂ per u
48		Small car	km	0.14340	0.14172	0.000005	0.00167	0.14308	0.14240
49			miles	0.23078	0.22807	0.00001	0.00269	0.23027	0.22918
50	Cars (by size)	Medium car	km	0.17174	0.17006	0.000005	0.00167	0.17474	0.17406
51			miles	0.27639	0.27368	0.00001	0.00269	0.28121	0.28012
52		Large car	km	0.21007	0.20839	0.000005	0.00167	0.26828	0.26760
53			miles	0.33808	0.33537	0.00001	0.00269	0.43175	0.43066
54		Average car E	km	0.17304	0.17136	0.000005	0.00167	0.16272	0.16204
55			miles	0.27849	0.27578	0.00001	0.00269	0.26187	0.26078
56									
57									

### **Conversion Factors**



Consumption data

X

**Conversion** factor

Emissions data

1,200 miles diesel car

X

0.27849

344.188 kgCO2e 0.334 tCO2e

# **Carbon Reporting**



Workstream	2019-20 Baseline (tCO2e)	2023-24 (tCO2e)	% Change from Baseline	% Change from 2022/23
Buildings – Fuels	5,235	3,645	-30.4	-5.8
Buildings – Electricity	4,990	2,326	-53.4	-11.7
Buildings – Water	246	76	-69.3	-26.6
Streetlighting	2,491	1,554	-37.6	3.0
Highways Materials	3,960	3,678	-7.1	23.6
Fleet Fuel	6,829	5,794	-15.2	-9.7
Business Mileage	1,209	891	-26.3	7.1
Commuting	3,457	2,710	-21.6	19.9
Dorset Travel	4,082	3,121	-23.6	-1.8
Waste – DC Buildings	141	47.2	-66.6	-12.4
Total	32,641	23,814	-27.0	-0.35

## **Local Partnerships GHG Accounting Tool**



## **Greenhouse Gas Accounting Tool - Local Partnerships**



#### Heating & Fuel Use

Heating and fuel use data should be source from utilities/supply invoices and should reconcile with metered data as well as with energy reports from energy monitoring systems or supplier reports

Emissions Source	Consumption Units	Year ∨	Consumption	Conversion Factor   V	Emissions (tCO <sub>2</sub> e)
Natural gas	Tonnes	2024-25	1000	2568.164	2,568.16
Burning Oil - Kerosene	Tonnes	2024-25	500	3165.042	1,582.52
Gas Oil / Red Diesel	Tonnes	2024-25	250	3226.579	806.64
Wood pellets	Tonnes	2024-25	125	54.337	6.79
Wood chips	Tonnes	2024-25	100	42.765	4.28
Liquid Petroleum Gas	Tonnes	2024-25	50	2939.361	146.97
Propane*	Tonnes	2024-25	50	2997.632	149.88
Coal (Domestic)	Tonnes	2024-25	0	2904.952	0.00
Please Select	Please Select	2024-25		0.000	Enter Consumption Figure
Please Select	Please Select	2024-25		0.000	Enter Consumption Figure
Please Select	Please Select	2024-25		0.000	Enter Consumption Figure
Please Select	Please Select	2024-25		0.000	Enter Consumption Figure
Please Select	Please Select	2024-25		0.000	Enter Consumption Figure
Total			2075		5,265.25

## Additional Slide - Carbon Credits



Carbon credits are a way of offsetting remaining carbon emissions in order to reach net zero

Eg. If an organisation has 1 tonne of CO2e (tCO2e) remaining that they cannot reduce, they may purchase 1 carbon credit each year to offset it.

Credits only last 1 year - organisations must purchase the credit every year they wish to offset!

- There are many credits available for purchase, both domestically and internationally, but they are of varying levels of integrity
- Right now, there are two main regulated codes within the UK, with more being developed to cover other methods of carbon sequestration:
  - Woodland Carbon Code
  - Peatland Carbon Code

## **Useful Links**



- GOV.UK Conversion Factors 2025 (Use these for Mar 25–Apr 26)
- GOV.UK Conversion Factors for each years
- Local Partnerships GHG Accounting Tool
- GHG Protocol Tools, Resources & FAQs
- Dorset Council Progress Reports

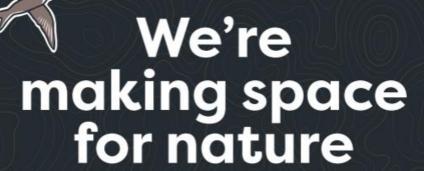


# Local Nature Recovery Workshop

By Amy Smith- Dorset Council Local Nature Recovery Officer

## Nature Recovery Dorset Network

- Join a growing network of people and organisations all working to help restore and protect nature in Dorset
- By joining you will
  - help show where activities for nature are happening
  - connect with others
  - get access to free resources to promote your activities
  - share successes, exchange ideas and inspire others
- Join online: <a href="mailto:dorsetcouncil.gov.uk/nrd-network">dorsetcouncil.gov.uk/nrd-network</a>





By making more space for nature, we're helping make sure wildlife thrives in our county for years to come.

Join the Nature Recovery Dorset network at

dorsetcouncil.gov.uk/nrd-network



In partnership with









## Help grow the Nature Recovery Dorset Network

- After joining the network, you will get access to free resources to help promote your nature actions and inspire others e.g. posters & social media images
- Please share the Nature Recovery Dorset network with residents and community groups in your Town or Parish
- Feel free to use this suggested text or make it your own:

### Are you helping to make space for nature in Dorset?

Sign up to be part of Nature Recovery Dorset, a new initiative to celebrate and encourage local action for nature.

Whether you're creating space for nature in your garden, community, or as part of a bigger project, every effort counts.

Join the Nature Recovery Dorset network to share what you're doing, connect with others, access free resources, and promote your efforts.

Get involved and learn why nature needs our help, by visiting <a href="mailto:thttps://www.dorsetcouncil.gov.uk/nrd-network">thttps://www.dorsetcouncil.gov.uk/nrd-network</a>





# Sustainable Procurement Workshop

By Carl Warom – Dorset Council Climate & Ecological Policy & Project Manager

# Buy Greener

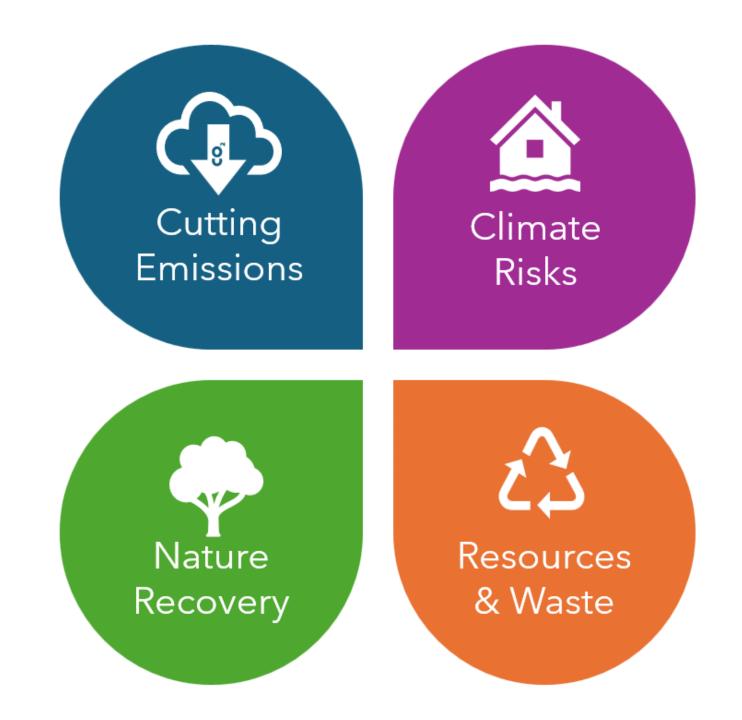
Introducing guidance on environmentally

sustainable public procurement



We only have direct influence on things like our buildings or fleet. But we can try and **influence** others - particularly in what we buy.

Most of our emissions are embedded in what we buy, but we can help steer suppliers to reduce them by including them in our procurement activity.



We've developed a toolkit, guidance and training webinars to support better consideration of environmental factors within procurement.

It is broadly structured around four key stages...



**Plan:** Get clear on the basics and prioritise



**Define:** Identify the impacts of what you're buying



**Procure:** Embed within your tender



Manage: Managing your contract with KPIs

Each stage outlines practical steps and activities that you can consider whenever you buy things, covering:

- The basic concepts
- How to **prioritise**
- How to map impacts and identify things you could do
- How to embed them in your **tenders**
- How to set **KPIs**



You now need to clearly define and articulate your asks in your subject matter and tender documents - and then transparently and fairly evaluate responses using specific, clear, and rneasurable criteria. This is an opportunity to translate your assessment of impacts from before into relevant, proportionate and non-discriminatory asks. You should consider:



#### Conditions of participation (Selection Criteria)\* are

pass/fail conditions to appraise supplier eligibility, capability and capacity. They're not



#### Specification clauses state your 'must haves' for what

you're buying; and are usually assessed as pass/fail. They can be outcome-based or technical You can require standards or In clarifying your needs and asks you should focus on where you're most likely to cause



#### **Evaluation questions and** award criteria are used to

assess how suppliers say they'll deliver, allowing you to score the most advantageous tender via clear criteria and weightings You should clarify how bidders can demonstrate and evidence their capability, and what a good response looks like.

E.g. "Describe your approach to minimising embodied carbon in construction materials (15% weighting)"

ure with a selection stage through a a selection stage. Which you can do grounds (including for environmental ou set conditions of participation.



Plan

The stage is about

fundamentals and thinking strategically about your high-level

getting clear on the

goals, and prioritising so you can focus

efforts where you'll likely have most



What are the likely environmental impacts, risks or opportunities?

(i.e. points where what you buying might



meaningful improvement for environmental outcomes. You should consider:

What scope is there to improve? (i.e. are there things

that could help you avoid, reduce, mitigate or compensate those impacts - including



How likely are you to influence positive change?

(i.e. are market conditions such that you're able to attract and influence suppliers



implications? (i.e. what would green asks mean for upfront costs and later costs in the 'lifecycle' of what you buy (e.g. operational or disposal costs))

In clarifying your goals and prioritising which procurement exercises you should focus



more on, you should consider:

#### What are the main issues arising from the Procurement Act?

(i.e. how does the Act bear upon how we evaluate tenders. embed social value, ensure a evel playing field for suppliers. and ensure transparency?)



#### What even is environmental sustainability?

(i.e. what are the main environmental issues, and what are the main categories we should consider when thinking about them?)



#### How can we prioritise our efforts?

(i.e. how can we do a preliminary assessment of our procurement pipeline to determine where best to focus our efforts to embed green



vary Market Engagement



Along the way we introduce concepts like the 'whole lifecycle', to help you think through possible impacts comprehensively, cradle to grave...



And we guide you through ways to tackle those impacts through 'management hierarchies', giving you a menu of things to consider applying...



Define

### **Identify** scope for improvement

Once you've clarified where there might be high impacts, consider how best to respond to them. **Management hierarchies** help you rank options by environmental preferability - I and they can also help you save money. They are not exclusive: you could pursue several.

### **Avoid**

(Prevent impacts)

### Reduce

(Minimise the cause of impacts)

### Mitigate

(Weaken the efficacy of impacts)

### Compensate

(Offset residual impacts)



#### Avoid emissions

Prevent energy, fuel, materials use, or loss of natural carbon stores (e.g. avoid travel entirely)

#### Reduce emissions

Optimise energy, fuel, materials or land use efficiency (e.g. energy efficiency; route optimisation)

### Mitigate emissions

By switching to lowemission alternatives (e.g. green energy, fuels or food)

### Offset residual emissions

through means like tree planting.



#### Avoid climate hazards

Cut the frequency, duration or intensity of extreme weather by preventing climate change (i.e. reduce or remove emissions)

#### Reduce exposure

Limit exposure to (current or forecast) climate hazards (e.g. avoid building in flood risk areas or relocate from those areas)

### Mitigate risks by

reducing vulnerability to hazards through adaptation (e.g. building retrofit, flood barriers, early warning systems etc.)

#### **Boost resilience**

by strengthening capability to bounce back through preparedness for response and recovery in the event of loss or damage



### Avoid harm to habitats or wildlife

(e.g. re-site or reschedule harmful activity)

#### Reduce harm

by design, technology, or operational means (e.g. use of quieter machinery, runoff prevention, wildlifesensitive lighting)

#### Mitigate harm

using onsite habitat restoration or enhancement to build nature's adaptive capacity or resilience to impacts.

#### Offset harm

(onsite or offsite) by restoring or repairing any residual harms (onsite first, else offsite)



#### Avoid virgin raw material use & waste

from products, packaging, services and works

### Reduce material use & waste (e.g. use recyclable, repairable, durable or reusable products or

repairable, durable or reusable products or materials; and minimise packaging)

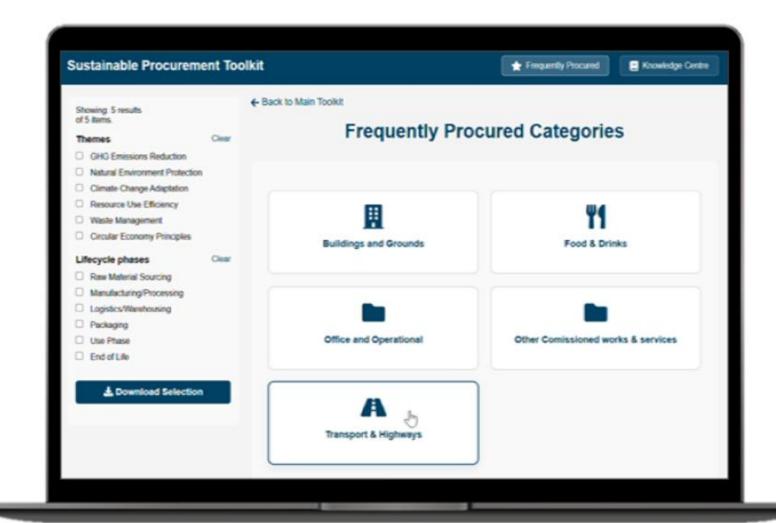
### Mitigate waste outputs

by reuse and recycling of waste outputs (e.g. reuse or refurbish goods at end of life, circular economy measures)

### Recover waste outputs

For any residual waste (e.g. anaerobic digestion, EfW, composting, gasification and pyrolysis, MBT, landfill gas recovery)

And to save you time, the digital toolkit gives you much more category-specific starting guidance on things like requirements, KPIs or standards & labels - so you don't have to start from scratch.



If you're interested in **user-testing** it with us, we're keen to shape it so that it's useful for you. Sign up for user testing and we'll get in touch.

Sign up at: https://forms.office.com/e/0DjCTWQrNE