

# Next Steps



# Upcoming Webinars



**EV Charging Points: Tuesday 21<sup>st</sup> March**



**Low Carbon Dorset: Tuesday 28<sup>th</sup> March**



**Overview Webinar: Thursday 27<sup>th</sup> April**

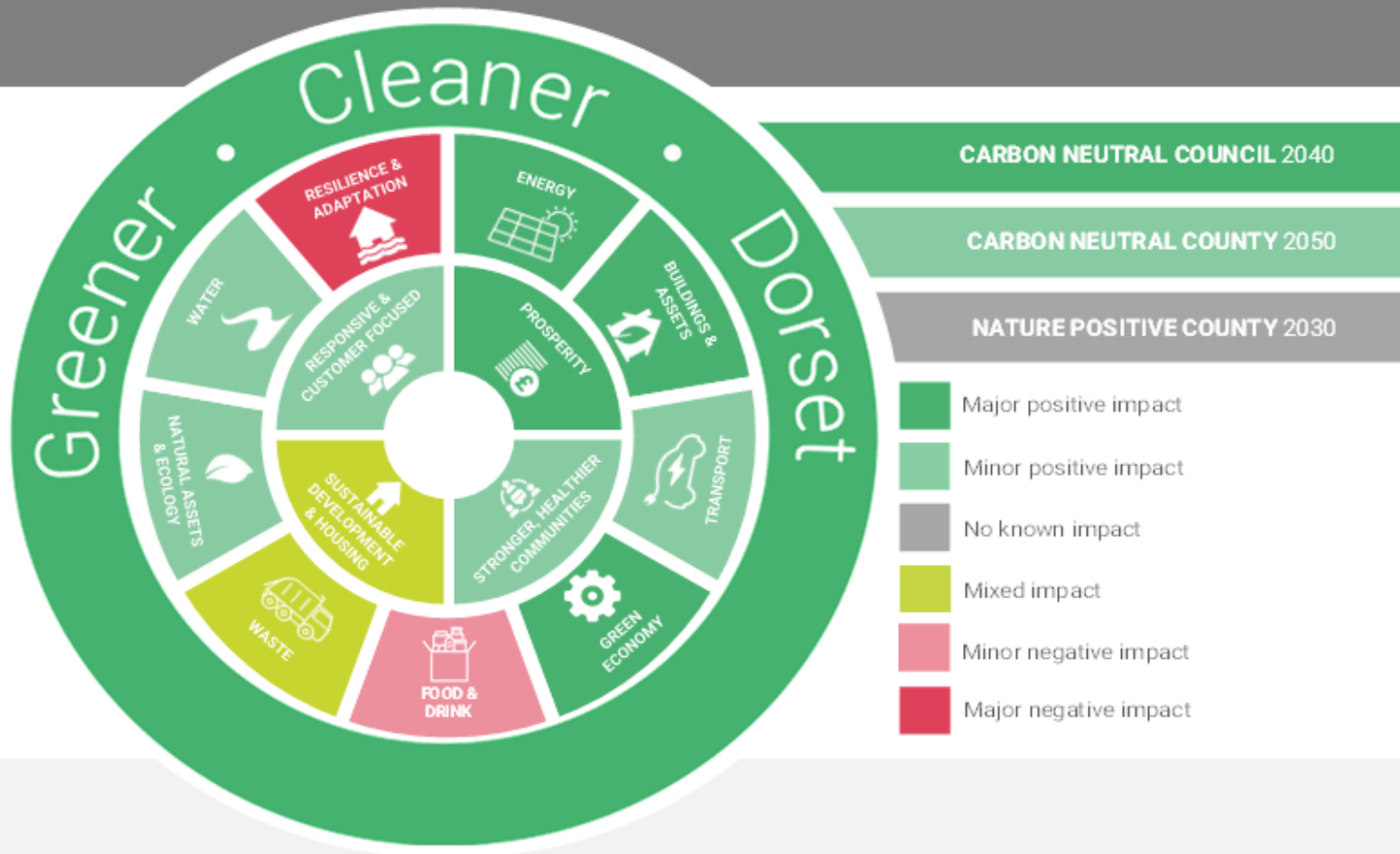


# Decision-Making Wheel



## DECISION WHEEL

Climate & Ecological Impact



The Decision Wheel is under development, going to cabinet later this month

Helpful means to prompt thinking during project and policy development

Think about how it could be adopted and used at your council

# Planning guidance & Sustainability Checklist



## Interim Guidance & Position Statement

## Sustainability Checklist

## Listed Buildings Retrofit Guidance

**The Sustainability Checklist**

Sustainability Standards	Compliance	Relevant policies	Have you complied with the stated standards? (Yes/No)	If you haven't complied with the stated standards, please summarise the reasoning (full explanation should be provided within the Sustainability Statement)	Industry guidance, good practice and case studies	
<b>1. Reducing energy consumption and carbon emissions</b>						
Have you designed the fabric of the development to maximise energy efficiency?	<p>Explain in the Sustainability Statement how the proposal intends to maximise energy efficiency and reduce energy demand, including by setting out relevant calculations.</p> <p>Demonstrate whether the proposal achieves ultra-low energy demand, for example through meeting the standards below:</p> <p><b>Residential buildings</b> For residential development, to achieve ultra-low energy demand through design, predicted energy modelling should demonstrate a target of &lt;35kwh/m<sup>2</sup>.yr</p> <p><b>Non-residential buildings</b> For non-residential development the following energy use targets are recommended:</p> <ul style="list-style-type: none"> <li>• Office/retail &lt;55kwh/m<sup>2</sup>.yr</li> <li>• Light industrial – 110 kWh/m<sup>2</sup>.yr</li> <li>• Community space (e.g. health care) &lt;100 kWh/m<sup>2</sup>.yr</li> <li>• Sports and Leisure &lt;80kwh/m<sup>2</sup>.yr</li> <li>• School &lt;65kwh/m<sup>2</sup>.yr</li> </ul> <p>Alternatively, BREEM standards development. Please indicate the development.</p> <p><b>All buildings</b> For all building types a space heat be aimed for:</p> <p>Predictive energy modelling should be carried out with BREEM report, using the Passive equivalent, and carried out with the</p>	<p>WDTF – Policy ENV13</p> <p>North Dorset – Policy 3</p> <p>Purbeck – Policy D</p> <p>East Dorset – Policy ME3</p> <p>Purbeck Emerging Policy E12</p>	Yes		<p>LETT Climate emergency Design Guide (January 2020) - <a href="#">253a09_3007acfb2b24c19f5a5f73c5c9d.pdf_web_04</a></p> <p>SW Energy Hub - Net Zero New Buildings - <a href="#">WUFC-net-zero-new-build-policy-evidence-13.pdf</a></p>	
Will the operational energy use of the resultant development be, or be capable of, being 100% renewable?	<p>Explain in the Sustainability Statement how the proposal intends to ensure that the operational energy use of the resultant development will be 100% renewable, or be capable of, being 100% renewable.</p> <p>Include the total kWh/yr of energy both regulated and unregulated if generation by renewables to show is not met.</p>		No			
<b>2. Sustainable design and construction</b>						
<b>2.1. Policy context - sustainable design and construction</b>						
<b>Local policy and development plan context in relation to sustainable construction and design</b>						
				<p><b>2.1.1.</b> Sustainable design and construction enables development that both helps to mitigate climate change and is resilient to climate change. This means that a development would incorporate measures to minimise carbon emissions, water consumption and waste through both the construction and operation of the building(s). Furthermore, as our climate is already being affected, buildings need to be well adapted and resilient to this. This means incorporating interrelated measures that assist in a development being resilient to flooding, overheating and drought for example. This is both at the building and development scale, from rainwater harvesting to green infrastructure and sustainable drainage schemes.</p> <p><b>2.1.2.</b> The following adopted policies place a requirement on proposals to incorporate sustainable design and construction into their development:</p> <ul style="list-style-type: none"> <li>- Purbeck Local Plan – Policy D</li> <li>- West Dorset, Weymouth and Portland Local Plan – Policy ENV13</li> <li>- Christchurch and East Dorset Core Strategy Part 1 (2014) – Policy ME3</li> <li>- North Dorset Local Plan Part 1 – Policy 3</li> <li>- Bournemouth, Christchurch, Poole &amp; Dorset Waste Plan – Policy Z2</li> </ul> <p><b>2.1.3.</b> There are also adopted policies specifically relating to green infrastructure and sustainable drainage as follows:</p> <ul style="list-style-type: none"> <li>- Purbeck Local Plan – Policy GI</li> <li>- West Dorset and Weymouth and Portland Local Plan – Policy ENV3, Policy ENV5</li> <li>- Christchurch and East Dorset Core Strategy Part 1 (2014) – Policy HE4, Policy ME6</li> <li>- North Dorset Local Plan Part 1 – Policy 15 and Policy 13</li> <li>- Swanage Local Plan – Policy SGI</li> </ul> <p><b>2.1.4.</b> There is clear intention from each of the former district/borough councils in these policies to encourage sustainable construction and design in the face of climate change.</p> <p><b>2.1.5.</b> In relation to energy performance of new development, the adopted local plans vary in their prescriptiveness and in their applicability to size and type of development as outlined in Appendix A. They are largely not up to date with national policy, as they either don't set targets, or refer to outdated standards, but they concur on their aim to provide high energy efficiency in buildings.</p> <p><b>2.1.6.</b> With reference to point b) of NPPF paragraph 154, all adopted policies apart from that in the West Dorset and Weymouth &amp; Portland Local Plan specifically require reduction in carbon emissions through a design approach, such as by meeting various stated standards. The West Dorset, Weymouth and Portland policy wording is broader, generally stating that new buildings and alterations/extensions are expected to achieve high standards of environmental performance. The supporting text for the West Dorset, Weymouth and Portland policy however sets out design related methods that may be appropriate for doing this and asks for the submission of a sustainability statement.</p>		
Works to reduce energy bills in listed buildings			X	Works to alleviate or tackle damp problems, such as repairs to permeable mortars, plasters or		
to windows and			X		LBC will be needed if any chasing of any services into underlying historic fabric is required to fit draught proofing. Most draught proofing is reversible.	
acement boiler (e opening), age heaters			X			
bulbs in existing			X			
ing controls			X			
storage heaters rgs onto historic			X			
y adjusted, faulty or ntrols and ystems / equipment			X			
ill-fitting and -window and door draughts			X			
f window shutters ill) and awnings			X			
panelling			X		This is only applicable to small areas of like-for-like repair. However, some historic wall panelling will require a specialist contractor (e.g. where panelling has ornament or mouldings) and advice should be sought from the Conservation team first in these instances.	

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# Sharing Your Stories



We want to strengthen our reporting on the County's progress

We will be looking at how we can collect your stories and achievements in the future

Energy Live News

NEWS FUTURE NET ZERO EVENTS VIDEOS & PODCASTS ENERGY EXPERT COR

Efficiency & Environment

### Council takes measures to cut energy bills in libraries



Dorset Council starts work to expand electric vehicle charging network in Dorset

## DAILY ECHO

### Solar panels have been installed on Durlston Castle

22nd June

Dorset Council  
Published by Chris · 8 July · 🌐

We're thrilled to hear that National Highways has named Weymouth relief road as an "international" example of what good road design looks like 🌟

The innovative approach taken by Dorset Council to increase biodiversity along the steep verges of the relief road is one of the things receiving international praise – and has quite literally put #Dorset on the map (the road map that is).

As we saw in our post last month, the verges are a sanctuary for pollinators this time of year. See more

Flawless Medical Cosmetics and 999 others · 58 comments · 218 shares

NEWS

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### Dorset's green hydrogen project secures £6.5m funding

County Hall

#StepsToSaveEnergy

Unplug appliances

saves around £65 a year\*



# Strategy Engagement



Local Plan

Local Transport Plan

Housing Strategy

Local Nature Recovery Strategy

**Dorset Council**  
**Climate and Ecological Emergency Strategy**  
Progress Report - Spring 2022

**Making Dorset Council operations carbon neutral by 2040**  
In autumn 2021, we reported that we had reduced the council carbon emissions by 17%, an excellent step towards our interim target of 40% reduction by 2025. Work continues to gather pace and become more embedded in our activities, helping to reduce our travel, energy use in buildings, street lighting and the embedded carbon in our highway's construction projects.  
In the past year a major area of focus has been to decarbonise the council's own estate, responsible for around a third of the council's whole emissions. A further update on our carbon footprint will be available in Autumn 2022.

**Key progress and next steps**

**Buildings**

**Building retro fit**

- Secured £19m from the Public Sector Decarbonisation Scheme (PSDS) fund to support a retrofit programme - heating control upgrades, solar PV installations, LED lighting upgrades, electricity infrastructure strengthening and heat pumps - all for installation by end June 2022. To include:
  - Over 40 roof mounted solar PV arrays tendered, designed, and installed, with an additional 50 due for installation before end of June 22
  - Analysis of suitable properties for Building Management System (BMS) expansion completed - identifying 14 additional sites across estate requiring new systems. All new BMS installations awarded to contractor, designed and underway. 8 installations completed, 10 due for completion by Summer 22
  - Existing BMS controls upgraded/future-proofed in 69 properties. Further 18 due for completion by end of Summer 22
  - Window upgrade at Chang Hall underway
  - Surplus furniture from office rationalisation re-used in other DC offices, depots and schools

**Decarbonisation plans**

- Estate decarbonisation plans being developed for all buildings receiving measures through the PSDS fund
- Decarbonisation plans developed for all remaining off gas schools

**Next Steps**

- Complete successful delivery of the PSDS programme of work by June 2022
- Further analyse building energy performance and complete decarbonisation plans to inform ongoing building retrofit programme to meet carbon targets
- Continue retrofit works within available capital funds
- Apply for future rounds of PSDS or other available funds to support ongoing programme of work
- Continue process of estate transformation and rationalisation

**Street lighting**

**Reduce electricity use in streetlighting**

- Majority of streetlights upgraded to efficient lighting through long running PFI programme
- £3.4m funding and private investment secured to undertake upgrades to LED technology - undertaken in priority areas in 2020 - 2022

**Next Steps**

- Continue to explore funding opportunities to increase proportion of lamps upgraded to LED

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