Zero Carbon Dorset

Developing a vision of a zero-carbon county

"Developing a vision for land use in a zero-carbon county" - thank you for joining us this morning.

This event is due to start at 10.00 am.

The event will be recorded and available later for playback on Zero Carbon Dorset's webpage.
If you wish you can edit your name via the three dots in the top corner of your image.

In order to aid sound quality for all attendees, everyone will be on mute during the event, unless presenting or contributing .

Please follow us on Facebook & LinkedIn. Go to zerocarbondorset.uk for further information and to register to keep in touch.

Welcome

- Housekeeping
  - Chat function
  - Recording from here
- What are we hoping to achieve
  - Mark Chivers – Zero Carbon Dorset
- Opening presentations;
  - Prof. Adrian Newton - Professor And Director Conservation Ecology – Bournemouth University
  - Ruth Andrade – Regenerative Impact, Earth Care and Giving – Lush
  - Ben Davis - Agroecological Advisor and Water Stewardship Coordinator – Lush
- Developing the vision
  - Theresa McManus – Funding Development Support & Sustainability Champion (BU) & Transition Town Bournemouth
  - Open discussion
  - Next steps

If getting to net zero is the goal, where are we now and what do we need to do to get there?

..and what would that look like for Dorset?

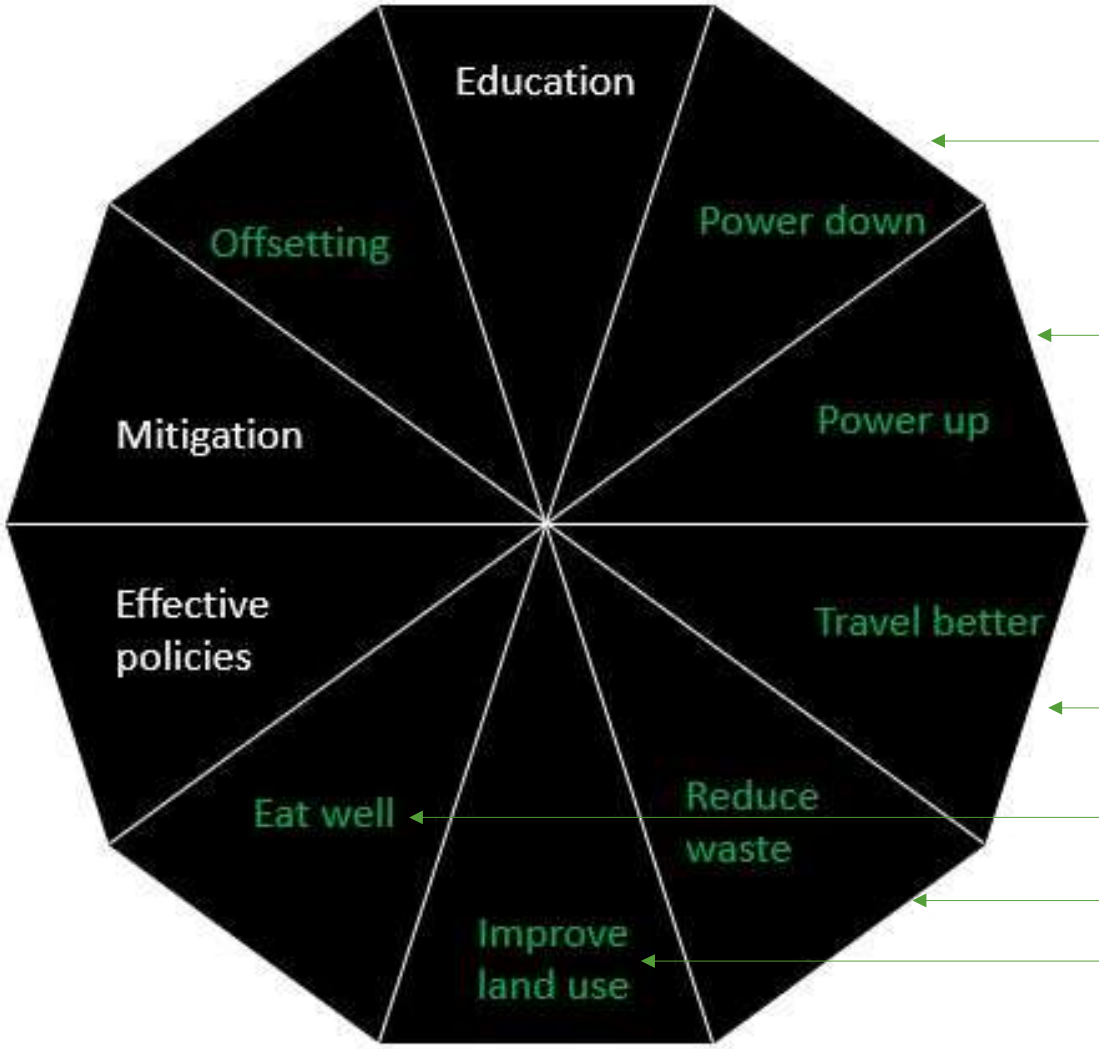
Assessing current emission levels across Dorset County, identify and collate the changes required to achieve a net zero emissions scenario by 2030 *and track progress towards this goal*.

Document what must be achieved while acknowledging that the two local councils cannot make these changes themselves, that the sum of actions by individuals alone will be insufficient within the required timescales and that there will be significant reliance on wider Government policies.

Engage the wider community (civic and civil society, the public sector, businesses, community groups and campaigners) ensuring there is a clear understanding of the scale of the problem and the options and opportunities to address each issue.

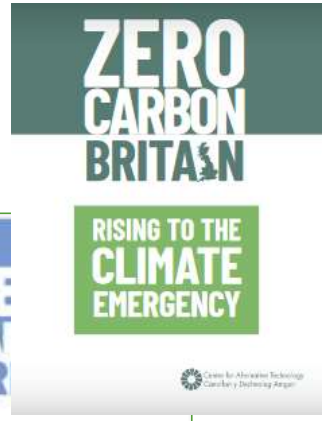
Not to exist in isolation of the many other activities already planned or underway across the area, rather, the intention is to identify and fully understand each of these and their contribution in getting us to net zero communicating this to the wider public (including through an Annual Report).

Set out a clear framework & leverage existing actions and studies.


Education
Power down
Power up
Travel better
Reduce waste
Improve land use
Eat well
Effective policies
Mitigation
Offsetting

SUSTAINABLE DEVELOPMENT GOALS

Rethinking the Future


ZERO CARBON BRITAIN
RISING TO THE CLIMATE EMERGENCY

Future events

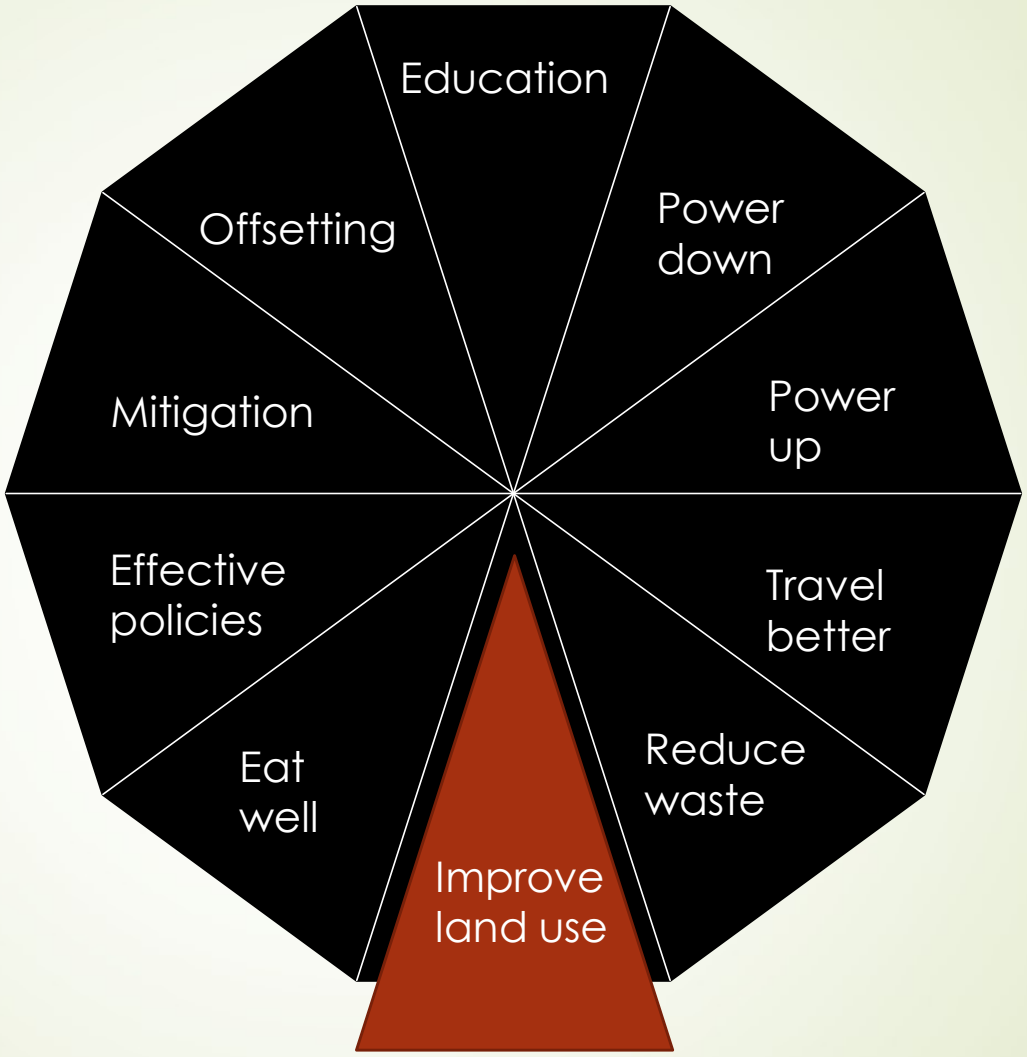
Event programme *(unless bold times are provisional)*

Date	Time	Title	Purpose
Friday 22nd May	**10:00 – 12:00**	**Buildings for a zero carbon county**	To reduce emissions we need to build better and retrofit what we have. Hear about how local individuals and businesses have created zero carbon homes and environmentally friendly buildings and take away some ideas for your own property.
Friday 5th Jun	**10:00 – 12:00**	**Education for a zero carbon county**	To initiate the work on defining a vision for education across Dorset. We need to build awareness of the crisis and its solutions if we are going to solve it. Hear from educators and others and share your thoughts on how we can get the message out; both through our councils and in our own communities.
Monday 8th June	**10:00 – 12:00**	**Building a vision for land use in a zero carbon county**	To initiate the work on defining a vision for how land across Dorset could be used. Based on the approach in Zero Carbon Britain, hear about research from Bournemouth University on Dorset's land-use and campaigners for eco-agriculture, and join people from local community gardens and others to define the vision
Friday 19th Jun		**TBC**	Original event moved to 18th July
Friday 3rd Jul	10:00 – 12:00	**The role of responsible conversations**	To facilitate change we need to have difficult conversations as part of our personal and professional lives. Based on an approach being developed for Responsible Project Management, this session will explore thoughts and feelings, intentions and consequences in relation to having responsible conversations. We want to start supporting advocates for Zero Carbon to have such conversations with a wide range of stakeholders.
Friday 17th Jul	10:00-12:00	**Power up for a zero carbon county**	To reduce emissions we need to substitute old energy for cleaner renewables. Hear about what that would physically mean for Dorset, how many turbines, panels and other sources would we need to produce our own energy. What would Navitus2 look like and how much could it contribute.
Saturday 18th Jul	10:00 – 12:00	**Building back better with a just transition (with Tolpuddle Martyrs Festival)**	To ensure the move to a zero carbon is not only just and equitable but also achievable, it must work for everyone. Join a cross section of speakers from Academia, Trade Unions and community groups to debate how we can build back better for everyone
Friday 31st Jul	10:00 – 12:00	**Travel in a zero carbon county**	To reduce emissions we need to travel better; fewer car journeys, more walking, cycling and public transport. Hear about what that would physically mean for Dorset; what infrastructure do we need to achieve this, what can we learn from others, what can we do now.

Future events

Event programme *(unless bold - times are provisional)*

Date	Time	Title	Purpose
Friday 14th Aug	10:00 – 12:00	**Waste in a zero carbon county**	Waste is at the heart of our problem, through actual waste and the emissions it generates but also from our consumer culture; fast fashion, built in obsolescence, over consumption. Explore what we can do about it from those locally already taking action and consider how we can build a local zero waste culture.
Friday 28th Aug	10:00 – 12:00	**Eating for people and planet**	To consider the impacts of industrial agriculture and our current diets. To look at how we can move towards a healthier, more ecological friendly diet, providing food security and eliminating food poverty here in Dorset.
Friday 11th Sep	10:00 – 12:00	**Offsetting**	To consider the role and limitations of carbon offsetting generally and consider how we can offset locally.
Friday 25th Sep	10:00 – 12:00	**Policies and procurement**	To consider how the councils and businesses can develop and implement policies that ensure climate and ecology is at the heart of decision making and procurement.
Oct / Nov	10:00 – 17:00	**Developing the vision**	To bring together what has been discovered to date, to agree the goals for each area and identify those remaining areas we need to explore in more detail.
Feb / Mar 2021	TBC	**Dorset COP 21**	A 'conference of the parties' for Dorset; bringing together community organisations, councils, public sector organisations, academics, business representatives and trade unions to 'sign-up' for actions. Alongside working groups agreeing how we can build the vision, hear from academics, campaigners, experts and local businesses about the latest solutions to our climate and ecological crises.


Education
Power down
Power up
Travel better
Reduce waste
Improve land use
Eat well
Effective policies
Mitigation
Offsetting

6. IMPROVE LAND USE

Current assessment

What are we attempting to solve?

The IPCC 2019 special report on Climate Change and Land concluded that the way we are using land is actually worsening climate change contributing around 23% of global emissions. In the UK while 11MtCO2e (3% emissions) are sequestrated by our natural environment, half of this amount is emitted by agriculture reducing the net positive land use impact to around 1.5%. At the same time we are facing biodiversity loss at more than 500 times the natural extinction rate.

Where are we now?

Dorset's environment has been seriously degraded over the past 80 years, with a 97% loss of neutral grassland and 70% loss of calcareous grassland. Investment in natural capital, aiming to improve the extent and condition of semi-natural ecosystems, could lead to GVA increases of up to 5%

What else do we need to know?

How is land utilised and what is the climate impact of this in Dorset?
What are the net emission / sequestration levels from land in Dorset?
What opportunities are there to change the nature of agriculture and to grow more local food?
How can land use in Dorset be changed to mitigate climate change impacts, while also providing benefits to wildlife and people?"

Score	1	2	3	4	5
Criteria					
Assessment					

Draft

What are the key areas we could focus on now?

Use the 'Trends in Natural Capital...' report published in 2018 by the Valuing Nature Research Project as the basis for undertaking a full climate assessment of Dorset's land use and develop a plan to align to ZCB's recommendations

Zero Carbon Dorset

Developing a vision of a zero-carbon county