

RENEWABLE ENERGY

To address the Climate Emergency and deliver the Council's 2040 net-zero target, all energy currently provided by fossil fuels for heating, transport and electricity in Dorset will need to come from a low-carbon source. This will require an enormous increase in renewable electricity generation in the County.

Dorset Council cannot itself deploy the Giga-Watts of renewable energy required at a county level, nor does it have control of national planning policy or the economics of renewable energy. **But**, there are many things that the Council can do to facilitate the transition from the current state to a situation where Dorset supplies its own energy demands with renewable energy.

After detailed evidence and information gathering exercises, led by the EAP and carried out by officer working groups, it has been recommended that the Council **implement the following 12 actions**.

Milestones have been identified for each action. The plan below shows the immediate targets we will need to achieve by 2023 to keep us on track.

Find definitions for each of the symbols used in this plan in the...  [SYMBOL KEY](#)



ACTION PLAN: Renewable Energy



OBJECTIVE	ACTION TYPE	CO ₂ SAVING POTENTIAL	CO-BENEFITS	COST	
Ensure Dorset Council's estate becomes zero-carbon by 2040	D I P				
ACTIONS					2021-23 TARGET
Install small scale on-site renewable energy systems in/on Dorset Council buildings as part of programme to decarbonise the estate by 2040	D I P				20 installations by Apr 2022 (at least 5 per year after that)
OBJECTIVE	ACTION TYPE	CO₂ SAVING POTENTIAL	CO-BENEFITS	COST	
Increase renewable energy generation on Council owned land	D I P				
ACTIONS					2021-23 TARGET
Construct large renewable energy installation (around 60 MW of solar PV or 30 MW of wind turbines) to meet Council's demand	D I P				20MW of capacity secured by 2023
Commission study to identify opportunities for renewable energy in County Farms and Council car-parks.	D I P				Studies completed by June 2022

D Direct action
 I Indirect action
 P Partnership / influence action
 Improves ecology
 Builds resilience
 Encourages economic sustainability
 Enhances health & wellbeing
 Estimated carbon saving potential
 Estimated cost to implement action

ACTION PLAN: Renewable Energy



OBJECTIVE	ACTION TYPE	CO ₂ SAVING POTENTIAL	CO-BENEFITS	COST	
Increase renewable energy generation in Dorset	D I P				
ACTIONS					2021-23 TARGET
As Local Planning Authority actively encourage renewable energy deployment by: - Identifying potential deployment sites - Creating appropriate policy and guidance	D I P				Potential sites identified in Local Plan and guidance created by June 2022
Establish a positive planning policy framework and toolkit for maximising the use of renewable energy within development	D I P				Policy Framework and toolkit developed by March 2022
Undertake detailed resource mapping to confirm Dorset has the technical resources to be self-sufficient. Potential sites can then be identified in the Local Plan	D I P				Wind resource mapping completed & informing Local Plan
Lobby central government over the major hurdles to renewable energy deployment, the Navitus Bay decision, investment needed on grid infrastructure, and future of heat	D I P				Lobby paper to Government + Policy discussion group attended by April 2022
Promote renewable energy technologies to residents & businesses	D I P				Communicate & engage with residents & businesses from 2021

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Increase renewable energy generation in Dorset	D I P				
ACTIONS	2021-23 TARGET				
Deliver extended Low Carbon Dorset programme	D I P				Use additional £5m ERDF funds secured to deliver full programme by Apr 2023
Dedicated resources to assist with the expansion and awareness building of the Energy Local Project in Dorset	D I P				Staff made available by June 2022
Work in partnership with BCP to plan a zero-carbon energy system for Dorset	D I P				Agreed approach established by Apr 2022 + Plan developed by Dec 2023
Work with renewable energy developers in Dorset to secure new renewable energy generation to meet (and exceed) needs of Dorset Council	D I P				Process for working with developers defined by July 2022

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