

# Low Carbon Dorset



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**Total grants: £6.2m (SMEs, community groups and public sector)**

**Leveraging: £17m total project value**

**13 MW renewable energy installed**

**10,000 tonnes CO2e saved p.a.**

**£725,000 worth of innovative, multi measure projects with Town and Parish Councils in Dorset**

**Additional £100,000+ of village hall projects**

[www.lowcarbondorset.org.uk](http://www.lowcarbondorset.org.uk)

**DAPTC/LCD  
webinar:  
28<sup>th</sup> March**



# Low Carbon Dorset Case Studies



## Whole building retrofit of Dorchester Town Council's Cricket Pavilion



**Project cost**  
£50,114

**Estimated Saving**  
17 tonnes of CO<sub>2</sub>e\* / £10,500 per year\*\*

### Equipment / Installer

Ground-source Heat Pump – Bioheat (£42,920),  
Water Borehole– Bioheat (£4,355),  
Earthwool loft roll insulation – Insulation Express (£1,965),  
LED lighting – Whitty Electrical (£1,680)

Grant  
awarded:  
**£20,046**

Estimated  
annual saving:  
**£10.5K\*\* / 17  
tonnes CO<sub>2</sub>e\***

## Solar PV & Battery Powered Tools at Moors Valley Country Park



**Project cost**  
£144,456  
**Estimated Saving**

43 tonnes of CO<sub>2</sub>e\* / £5,000-£10,000\*\* per year  
**Equipment / Installer**  
Battery powered hand tools, batteries, and chargers -  
Hunt Forest, 54 kWp of solar PV - Empower

Grant  
awarded:  
**£57,782**

Estimated  
annual saving:  
**43 tonnes of  
CO<sub>2</sub>e\* /  
£5K - £10K\*\***



[www.lowcarbondorset.org.uk/case-studies/](http://www.lowcarbondorset.org.uk/case-studies/)



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