

LANDSCAPE AND ECOLOGY MASTERPLAN

Our vision is to create a pioneering project that delivers new renewable energy, significant ecological benefits and where farming continues, providing a model of how agriculture, clean energy and wildlife can thrive side-by-side.

We're progressing two solar farms as part of one master plan to achieve this. North Fossil farm is our first project, and we intend to submit this for planning by the end of this year.

NORTH FOSSIL FARM STATS

- 40 megawatts installed capacity
- 47 hectares of land
- Provide enough locally-generated, clean renewable energy to more than 14,000 homes
- 9,165 tonnes of carbon emissions saved every year equivalent of taking 4,000 cars off the roads

MANOR FARM STATS

- 30 megawatts installed capacity
- 43 hectares of land
- Provide enough locally-generated, clean renewable energy to more than 10,600 homes
- 6,877 tonnes of carbon emissions saved every year equivalent of taking 2,800 cars off the roads



Scrapes dug on four meadow fields to increase Wader breeding habitat. The North West meadow to be surrounded by a fox proof fence, providing a protected area for the reintroduction of white storks.

Stork release field with fox-proof fencing



MANOR FARM WILL BE THE SUBJECT OF A SEPARATE PLANNING APPLICATION TO BE SUBMITTED IN 2021

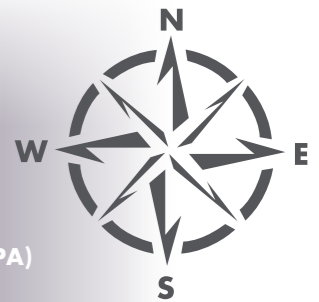
STAGE ONE:

NORTH FOSSIL FARM

Ecological gains

The reduced intensity of farming brings benefit to local ecological reserves. Improvements to local hydrology, reduced cultivation and fertilisation reduce pressure and pollution within the River Frome catchment area.

An appropriate native grass and wildflower mix sown around the panels to improve the biodiversity potential of the land, securing it as a haven for wildlife.



DORSET HEATHS (SAC)
WINFRITH HEATH (SSSI)
DORSET HEATHLANDS (SPA)

WINFRITH HEATH SUBSTATION

Historic field boundaries re-introduced, and new boundaries planted, creating new wildlife corridors

Field boundaries allowed to grow to 1.5 metres in height to enhance landscape features and provide screening.

The existing field boundaries, grassland and hedgerow habitats would be retained, protected and increased to create wildlife corridors through the site.

Adapting the flow of water in on-site ditches can reduce pressure on local hydrology and deliver significant benefit to Tadnoll and Winfrith Heath nature reserves.

The site is designed to enable sheep to graze helping to manage the land.

New woodland

New woodland



STAGE TWO:

MANOR FARM

Wetland and re-wilding

Field drainage is naturalised enabling wetland habitat to establish.

New solar panels

Solar panels will stand on approx. 30% of the total site area, but **less than 5% of the land is actually disturbed.**

Woodland grazing created in the wide buffers (45m) between field boundaries and solar panels.

Farming continues

As well as grazing the Westerly fields, **Suckler herds fed on organic grass** can browse the margins between the solar farm and the new woodland.



Listed building restoration

Salad production

Wareham Road A352

KEY	NEW SOLAR PANELS	AONB	HEATH LAND