



Every 2 minutes

there is a same amount of energy arriving from the Sun

as mankind takes a year to produce

YATESBURY HOUSE FARM



bio-dynamic

Geology of Britain viewer

[Try the Beta version of our 3D Geology of Britain viewer](#)

CH COUNCIL

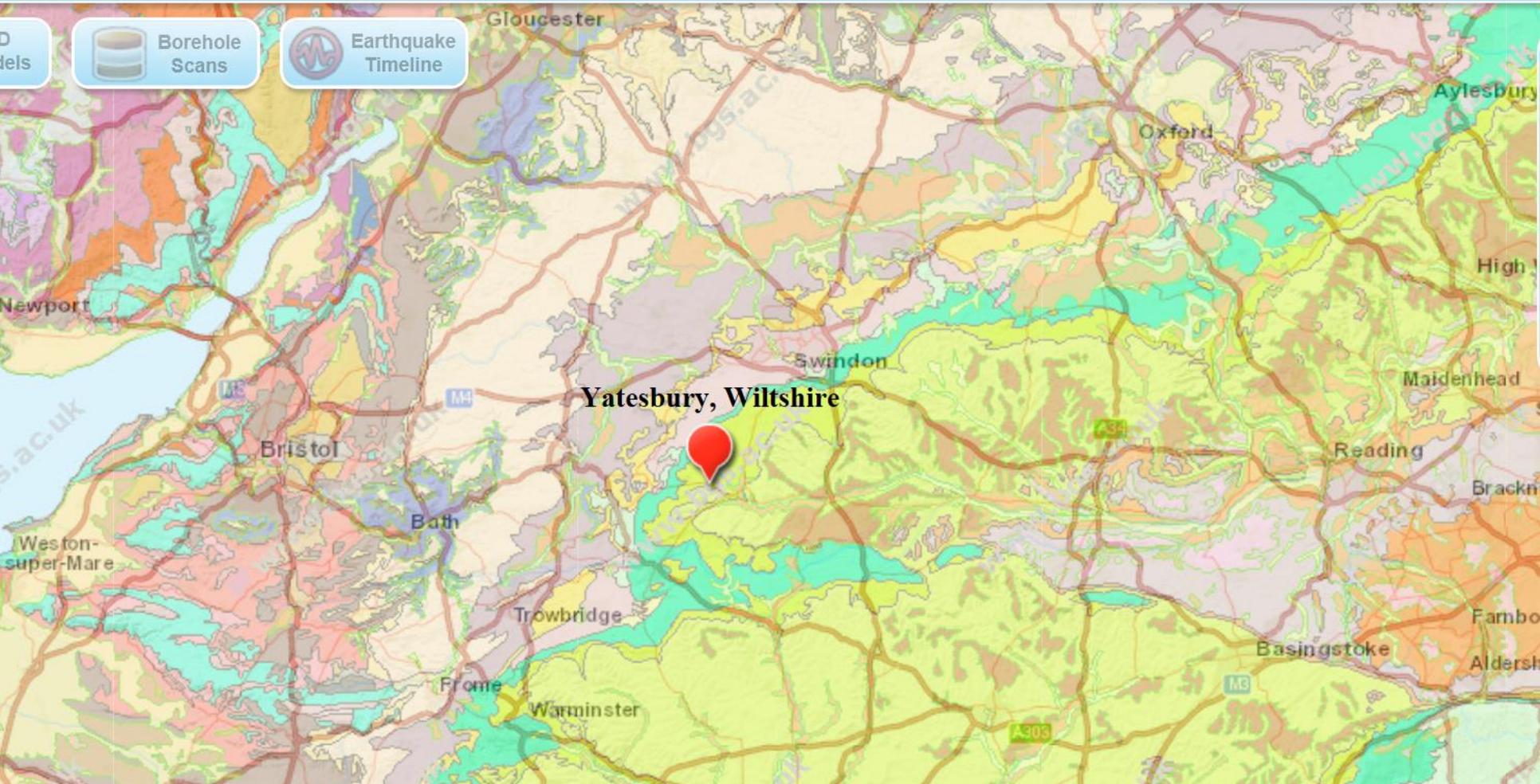
D
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Borehole
Scans



Earthquake
Timeline



Yatesbury, Wiltshire

YATESBURY HOUSE FARM



Our Geology and soil type:

Silty clay loam, over lower grey chalk

20cm to +70cm depth to chalk

Rain fall: 680mm – 810mm p.a.

**Here it is in
good shape.**



There is plenty of opportunity
for slumping
or baking solid of wet soils.

YATESBURY HOUSE FARM



Started Organic Conversion 1998

554+98 ha



Mostly Cereals

281 ha



Diverse leys

128+74 ha

Environmental Stewardship

94ha

Pasture permanent

Woodland

105 ha

48 ha

Aberdeen Angus Pedigree Suckler Herd

280 head

Richard Charlotte Angus Zac Bea

Permenant Staff

1.1

Graduate trainee

1

Summer Student

1



YATESBURY HOUSE FARM

Silvopastoral Agroforestry



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Shelter from Sun for cattle
Shelter from rain for cattle
Itching posts
Dynamic change for biodiversity
Opens up the space for light
Allows sowing of wild flowers
Coppice to regenerate
Increase carbon storage
Bring into the farm organism



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Plastic collection



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Willow planting



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Aim 1-2000 tree plants per year



Biodiversity

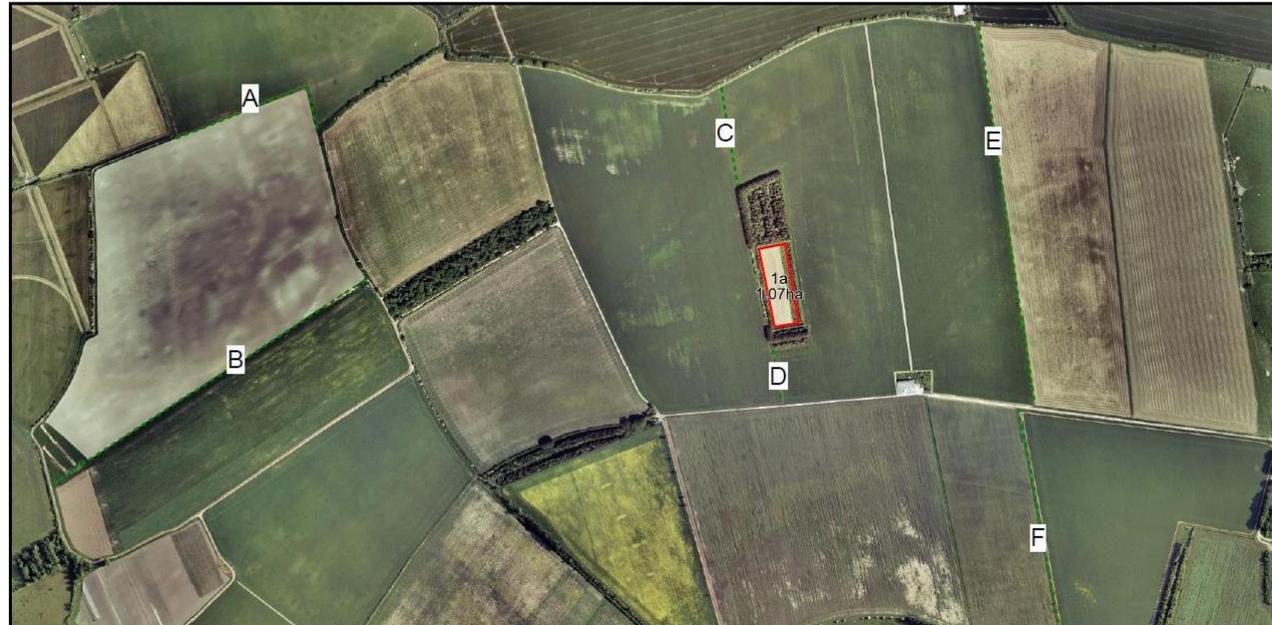
“so many more bugs
here than other
farms I go to”
“the hares are the
size of foxes here”

The **Agreed Works** to be carried out by the Trust comprise:

- (1) Supply 2025 shrubs and trees, 325 spirals and canes, 1700 guards and stakes, 425 mulch mats and pegs by the end of March 2017.
- (2) The tree species are to be in the following approximate numbers:

Alder	125	Crab Apple	75
Field Maple	250	Hazel	125
Hornbeam	475	Lime (Small Leaf)	200
Oak (Common)	475	Walnut	100
Whitebeam	100	Wild Cherry	100

The Plan



The PUR Project

YATESBURY HOUSE FARM



Silvoarable, Agroforestry

PUR Woodland Trust Grant 2019

Planting apples in 30m curved rows

Usual rotation between



YATESBURY HOUSE FARM



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Health



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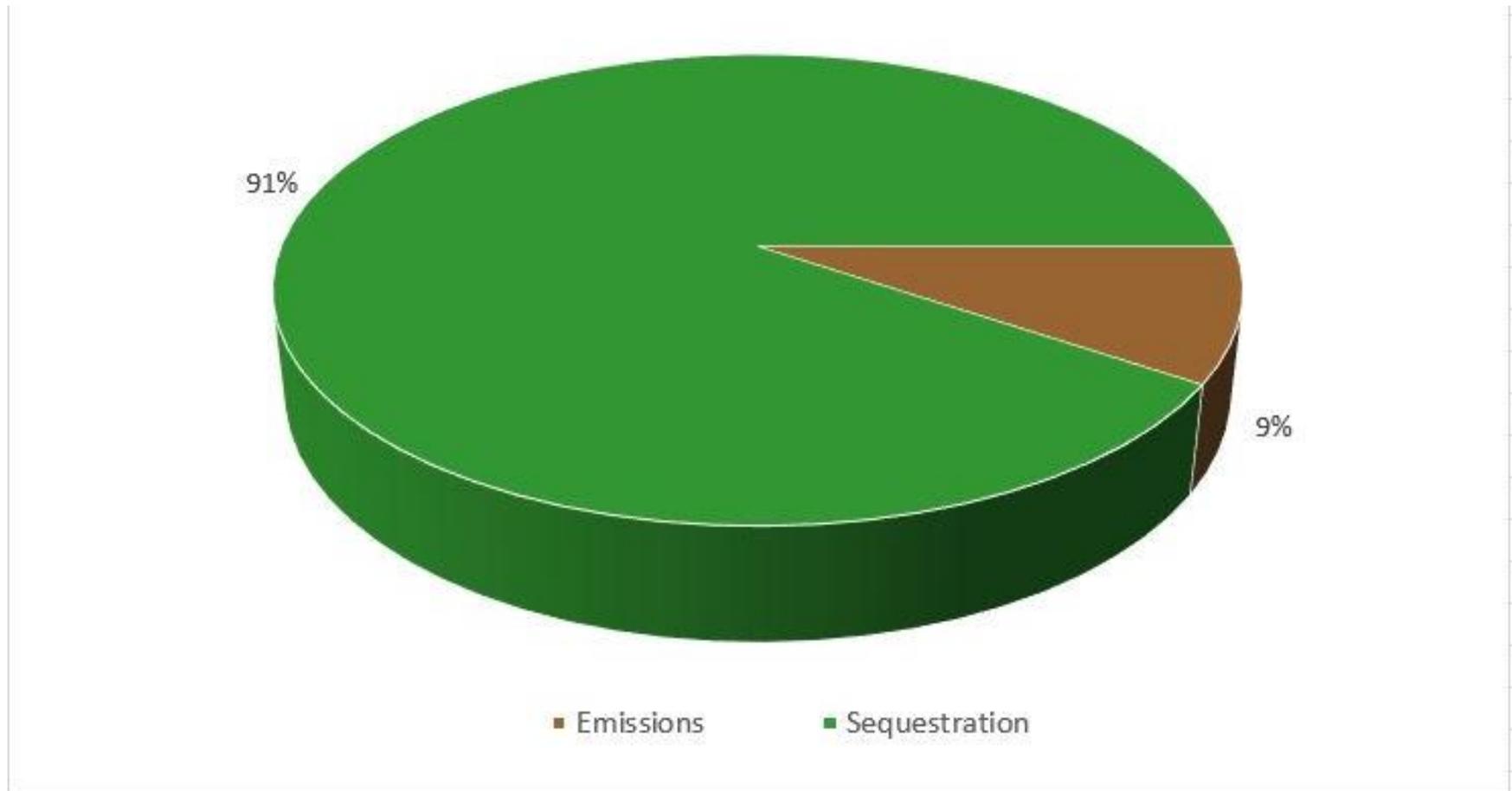
Health and Impact

YATESBURY HOUSE FARM

Farm Carbon Cutting Toolkit



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Carbon Balance



Emissions

	CO ₂ e (kg/year)	% total emissions
Fuel	97,581	9.76%
Materials	4,815	0.48%
Capital Items	31,988	3.20%
Livestock	727,836	72.76%
Fertility	136,360	13.63%
Agro-chemicals	0	0.00%
Distribution	1,557	0.16%
Waste	130	0.01%
Total:	1,000,267	100%

Sequestration

	CO ₂ (kg/year)	% total sequestration
Field Margins	11,892	0.12%
Soil Organic Matter	9,512,729	96.46%
Orchards & Vineyard	0	0.00%
Wetland	0	0.00%
Woodland & Hedges	337,284	3.42%
Woodland (detailed analysis)	0	0.00%
Total	9,861,905	100.00%

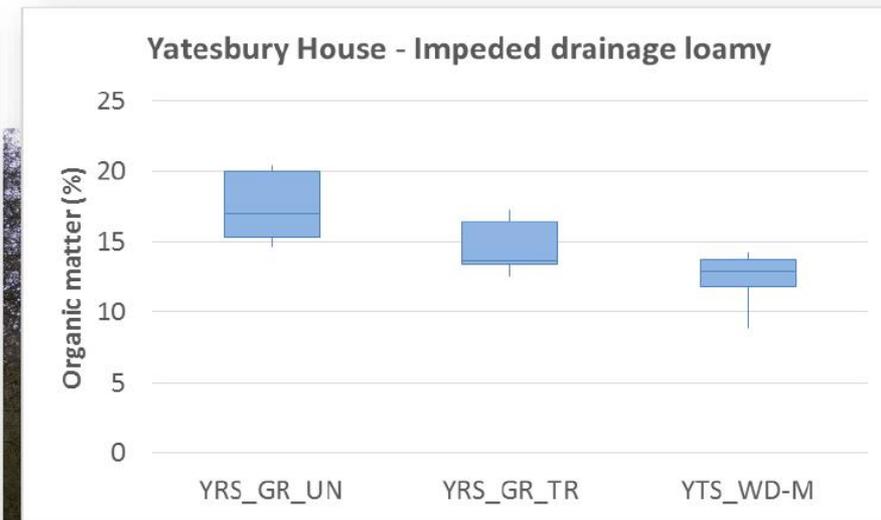
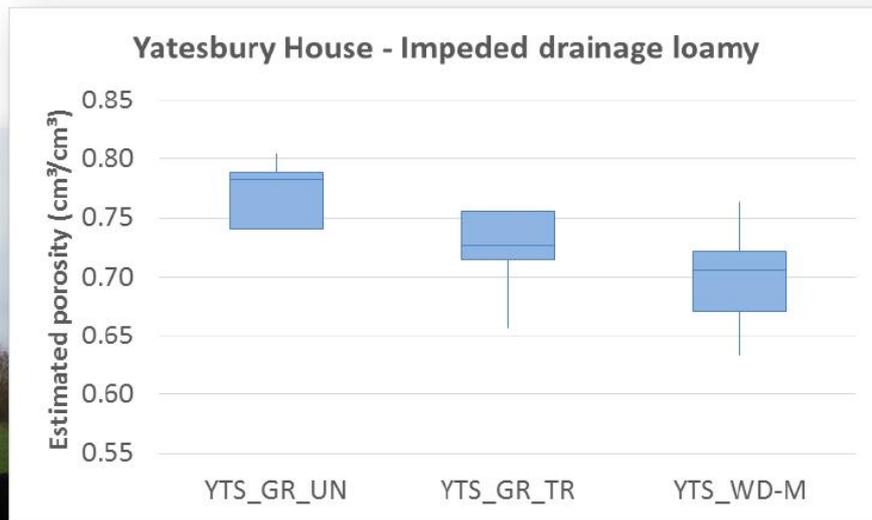
YATESBURY HOUSE FARM



Methane is it worth it
-Grassland untrafficked-Grassland trafficked -Woodland



Broad-scale field survey – preliminary results





We need cows
to save the planet