





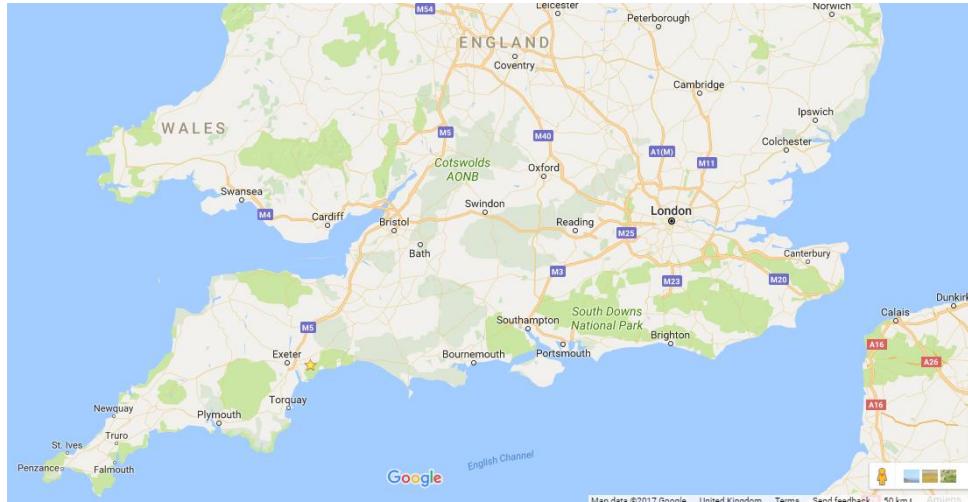
giving
nature
a home

Toby Taylor, Site Manager, East Devon Pebblebed Heaths



CLINTON DEVON ESTATES

SW England, East Devon-AONB



Venn Ottery Hill Quarry



County wildlife site and five scheduled monuments







Triassic Budleigh Salterton Pebble Bed overlain by the Otter Sandstone, Budleigh Salterton, East Devon .

Ian and Tonya West (c) 2005.

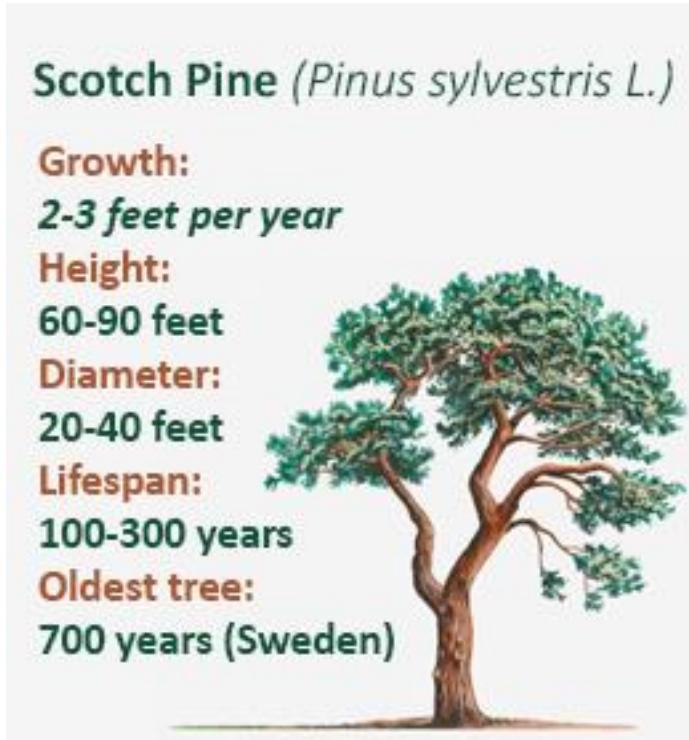


A Seed is sown

- Scots Pine planted 1920's
- Seed of an idea planted 2012
- Plantation felled February 2014
- Planning gained July 2015
- Construction underway August 2015, inc Bio-mass Boiler install
- Roof on December 2015
- Solar installation January 2016
- Internal fit out spring/summer 2016
- Residential volunteers move in September 2016
- Office move late November 2016



Funding



- SCIP
- SW Regional Budget
- East Devon AONB
- RSPB Energy pot
- RSPB Solar Project
- Stovax
- Lots of volunteer input



**Timber being prepared by peeling
off the bark and then sanding**





Construction on site



Log work structure complete





Home grown roof rafters



Sustainability



- 20Kw Bio-mass boiler
- 11Kw Solar PV
- Rain water harvesting
- Wood burner
- Insulation

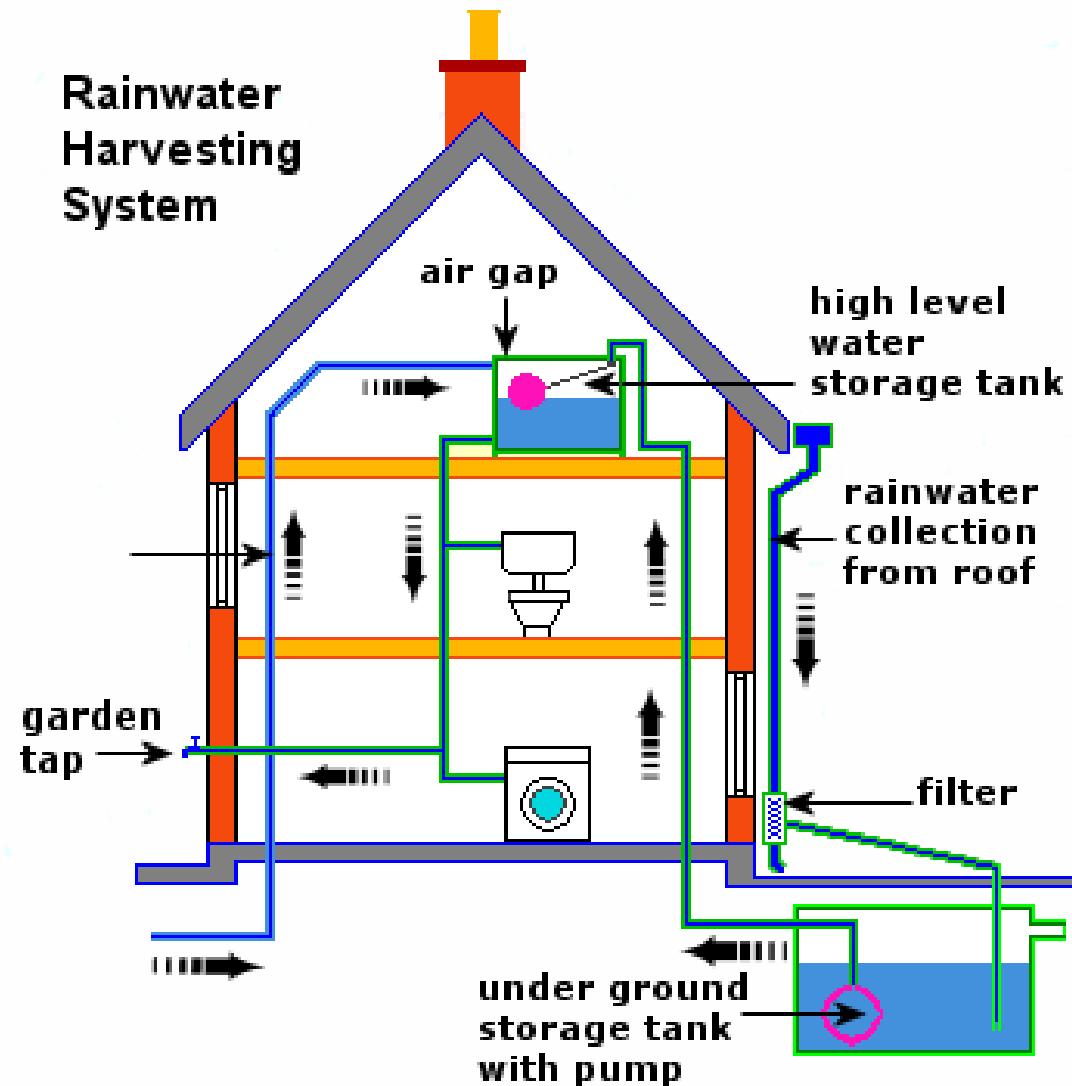
Boiler house and boiler

20Kw Froling log boiler & 1800lts buffer tank





Solar sense 11Kw PV installation



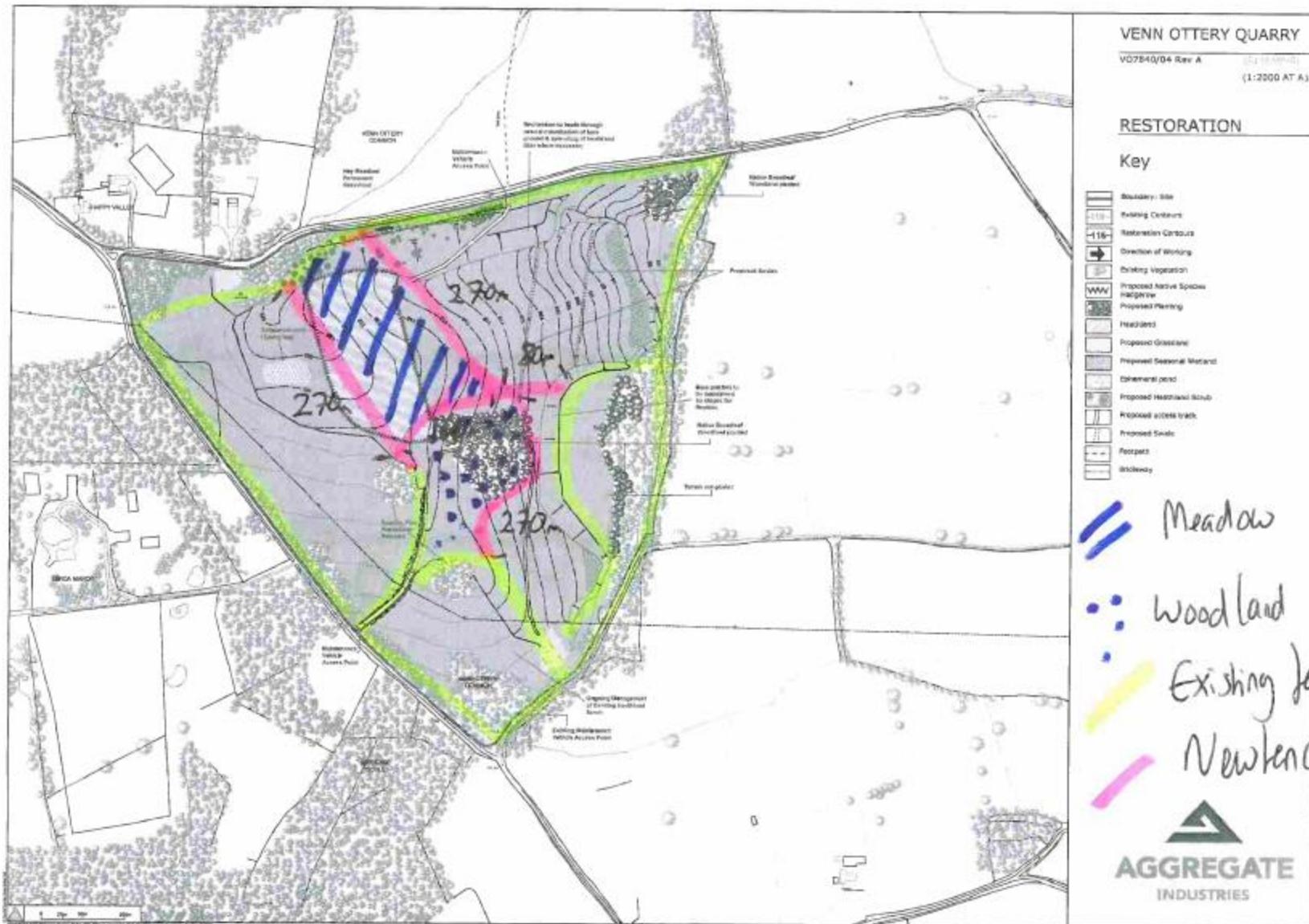


















Pebblebed Heaths
CONSERVATION TRUST

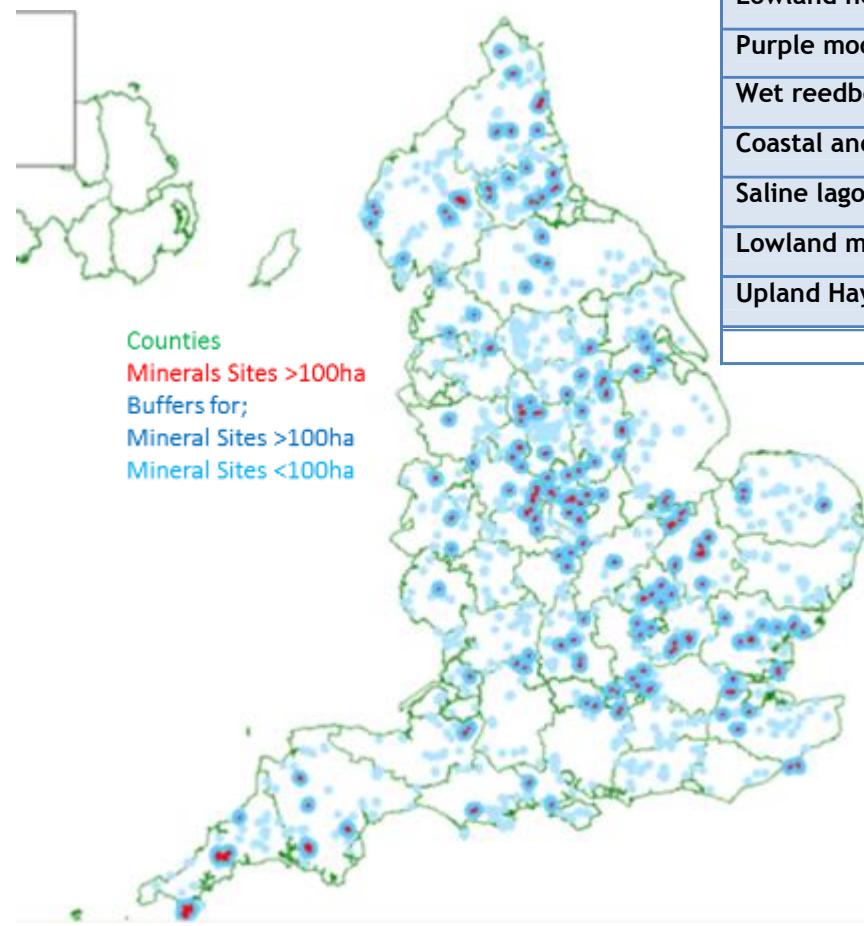




20/08 - 25/08/2017 | Nijmegen - Dwingeloo | The Netherlands

15TH EUROPEAN HEATHLANDS WORKSHOP

NAM analysis



Priority habitats	BAP target (ha)	% of BAP target met by	
		Mineral sites <1km of existing habitat	Mineral sites adjacent to existing habitat
Lowland dry acid grassland	276	>100	>100
Native woodland	53,000	18	6
Lowland wood-pasture and parkland	120	>100	>100
Lowland calcareous grassland	8,426	25	12
Lowland heathland	7,600	>100	>100
Purple moor grass and rush pastures	151	>100	>100
Wet reedbeds	1,715	>100	>100
Coastal and floodplain grazing marsh	1,250	>100	>100
Saline lagoons	100	>100	32
Lowland meadows	256	>100	>100
Upland Hay Meadows	72	>100	0

Broad Habitat	Created to end 2016 (ha)	In plan - not yet created
<i>Rivers and Streams</i>	7 km	7km
Standing open water	1,231	1,384
Arable and Horticultural (field margins)	116	31
<i>Boundary and linear features (Hedgerows)</i>	130 km	105 km
Broadleaved mixed and yew woodland	1,308	1,976
Native Pine	24	10
Acid Grassland	330	773
Calcareous grassland	176	822
Neutral grassland	1,113	1,096
Improved grassland (Grazing Marsh)	205	112
Dwarf shrub heath	188	447
Fen, marsh, swamp	311	1,231
Bogs	1.3	25
Inland Rock	95	262
Open Moasic on pdl	160	302
<i>Rock Face</i>	965m	249m
TOTAL	6,000 ha plus 7 km rivers 129 km hedgerows	8,200 ha plus 7 km rivers 105km hedgerows



sustainability

MPA 'National Nature Park'

- Over 70 sites
- Accessible to public
- Wildlife interest



Please Note: The MPA Nature Map uses Google Maps, if you are experiencing problems please upgrade your current browser, or try an alternative such as Google Chrome, Firefox, Safari or Opera.

Map site key



Facilities key



Quarries & Nature

Uniquely placed to deliver biodiversity

Large sites, ‘blank’ canvas, big machines

Proven track record

Passionate and committed

Reputation & legacy

License to operate



Quarries & Nature Awards - Cinema

- <https://www.youtube.com/watch?v=JeTstdrZK8c>
- <https://www.youtube.com/watch?v=pfyJ3GAWCTs&list=PLXu4cRX3643dNKZ1jYhe4ksabrpwPcVgC>
- [http://www.mineralproducts.org/quarries and nature zone.htm](http://www.mineralproducts.org/quarries_and_nature_zone.htm)