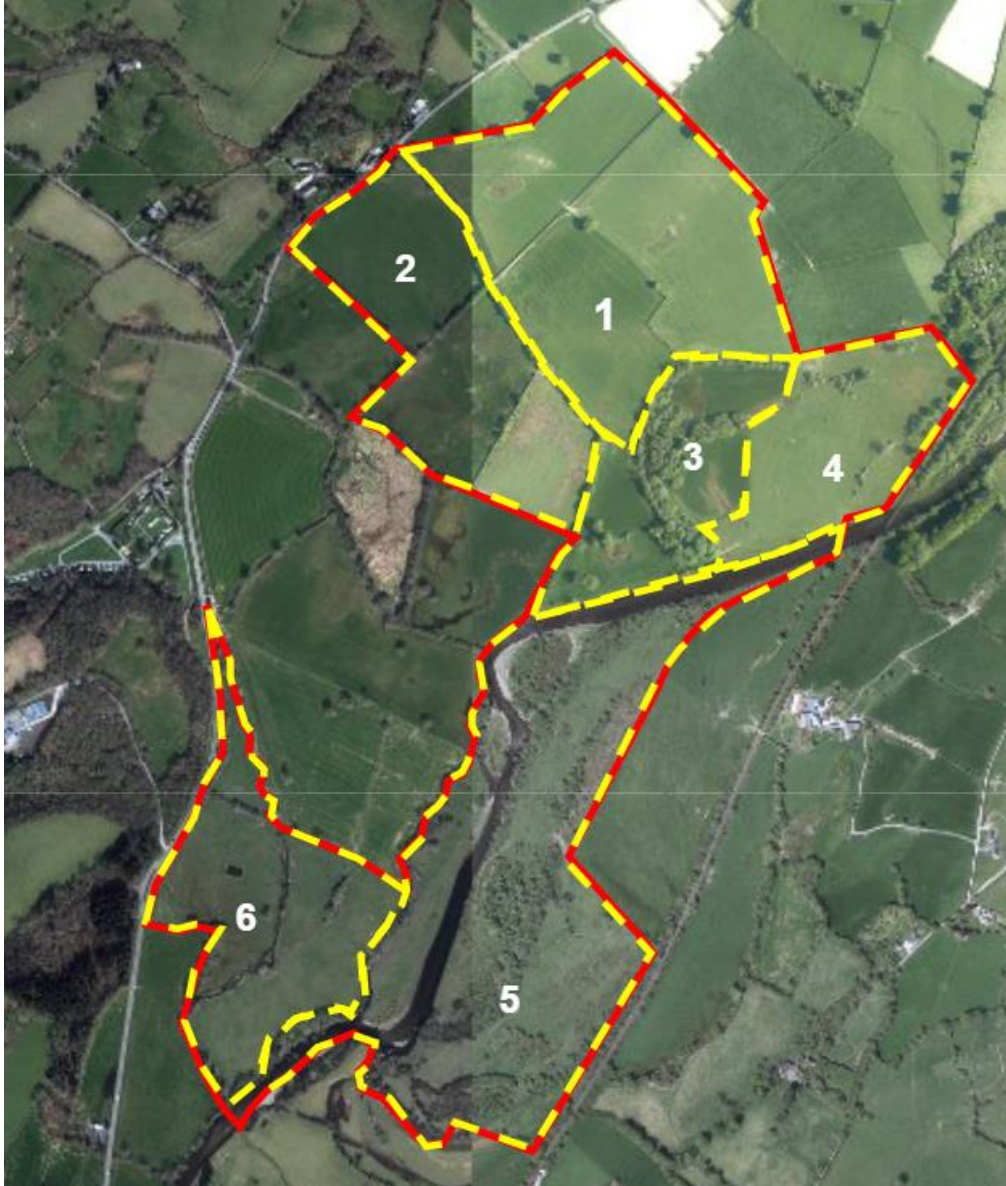


Site description and woodland plan



Area	Current Description	Woodland plan
1	Approximately 21ha. Intensively improved perennial rye grassland previously used for grazing and silage. Three separate fields very similar in character, hedge boundaries of predominantly Hawthorne, some veteran hedgerow trees as well as more recently planted hedges.	<p>Area with few constraints, suitable for a range of potential uses, such as:</p> <ul style="list-style-type: none"> -Mixed woodland - Potential to plant lesser used or emerging species to trial their potential, for example include redwoods and pine sp. In a mixture with broadleaf species such as Oak, Cherry, alder, aspen and Hornbeam and shrubs such as hazel and hawthorne -Community growing -Orchard -Agroforestry <p>Permanent open space to be maintained around veteran trees, hedgerows and wayleaves for powerlines to promote connectivity. Scalloped edges to</p>

		create successional habitat from grassland to rough grassland and bramble to woodland edge scrub (e.g hazel, hawthorn, Guelder rose, field maple, etc).
2	Approximately 14ha. Three fields of similar character; Semi improved rush pasture/marshy grassland. A slight depression runs through the centre of the three fields creating wet ground.	Mixed broadleaf planting on drier areas away from the centre of the depression where semi natural grassland is found. To create an area of wetland/maintain marshy grassland to link wetland features through the site. Species to include Oak, cherry, hazel, hawthorne and alder.
3	Approximately 18ha. An area of improved grassland and marshy grassland with mature trees creating a wood pasture character. This area surrounds an oxbow lake, which has largely in-filled with Alder/Willow Carr type wet woodland.	Low density broadleaf planting (maximum of 1100 stems/ha planted in groups) to create wood pasture type woodland and succession for the existing mature trees. Creation of wet woodland and wetland habitat and continue riparian corridor. A feasibility study will be carried out to identify and plan river restoration opportunities, Wood pasture has potential for continued grazing or mowing to develop grassland diversity in the open space. Fencing/ guarding trees would need to be considered along with practicality of ongoing management. A feasibility study for potential river restoration will be carried out as part of Afon Tywi SAC River restoration plan and related projects (such as the 'Rivers 4 LIFE project'), when work is planned separate impact assessments will be included as part of the work.
4	A large field with species rich semi-improved grassland. Includes some in field trees surrounding remnants of previous river channels, and others recently planted (in the past 20 years). The riverbank is open where it borders this field.	The biodiversity and ecosystem services of this parcel of land could be improved by introducing sympathetic grazing and a number of parkland trees would link this rather 'open' area with the blocks to the north and south. Creation of riparian buffer zone to allow riparian woodland to regenerate naturally.
5	Approximately 28 Hectares. A large area left fallow due to little access across the river. The area has developed riparian woodland/scrub. The Tywi has been artificially straightened in the past in this stretch.	Continue natural regeneration for riparian corridor and (as 3&4) Identify opportunities for river restoration to re-establish natural processes on the floodplain.
6	Approximately 15 hectares. Three fields of species poor semi-improved grassland. The land has been previously drained but remains wet in some areas and is crossed by	Community and amenity focussed woodland area. Mixed broadleaf planting at 1600 stems/ha with low density riparian planting (1100 stems/ha) around watercourses.

	<p>the Marlais, a tributary to the Tywi, surrounding which is some Alder/Willow Carr. There is a man-made pond in the centre which supports diverse flora. The southern-most field is more elevated and therefore slightly drier. Mature hedgerows of hawthorne, blackthorne, Hazel and Elm. Veteran in-field oaks.</p>	<p>20m buffer for planting around the Afon Marlais and Afon Tywi and larger (>2m) channels and pond, 10m buffer surrounding the smaller watercourses. Open space to be maintained around veteran trees, hedgerows and wayleaves for powerlines to promote connectivity, with scalloped edges to create successional habitat from grassland to rough grassland and bramble to woodland edge scrub (e.g hazel, hawthorn, Guelder rose, field maple, etc). Planting of a 'Resilient' species mixture to introduce diversity. To include oak, cherry, hornbeam, wych elm, alder and aspen and shrubs. Potential for orchard (fruit and nut trees) for blossom and to create a sense of place. Focus to establish all ability recreational access and infrastructure such as benches and signage. Create opportunities for involvement and volunteering in the future.</p>
All	The whole site will be made publicly accessible and access infrastructure will be planned as part of the consultation.	