

Glastir Woodland Creation Plan

Customer Reference Number (CRN)	Expression of Interest (EOI) Reference number
A0051332	7576717

1. Property, Applicant and Planner / Agent Details

New Woodland Property Name	Applicant Name	Status
Twmpath Cross	Mererid Sandbrook	Owner

Email Address	Contact Number	Does the applicant have management control of the land?
mererid.sandbrook@gmail.com	07826 557135	Yes

Management Planner Name	Email Address	Contact Number
Gareth Davies	gareth@coed.cymru	07791 104192

Agent Name and Company (If Applicable)	Email Address	Contact Number
Coed Cymru	gareth@coed.cymru	01686 650777

Planting Site Details

Has the Glastir Woodland Planner carried out a site visit to all field parcels tree planting is proposed?	Yes
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GWC area (Ha)	Type of GWC planting mixture	Six-figure Grid Reference for GWC area	Nearest town
1.09	Native carbon	SN 075 268	Abergwaun

Local authority (new planting site)	Is this a GWC co-operative plan	Tick to declare you will apply for Woodland Carbon Code validation within 24 months of grant approval (mandatory for Native Carbon GWC woodland mixture)
Pembrokeshire	No	YES

Do you want Welsh Government to organise the Woodland Carbon Code registration on your behalf?	Do you intend to claim annual GWC maintenance payment? (all planting options)	Do you intend to claim annual GWC premium payment? (Not for agro-forestry option)
yes	Yes	Yes

Information for Environment Impact Assessment (Forestry)

New planting areas in the following designations (Hectares) – only fill in areas if known:

Designated areas	Area (ha)
Site of Special Scientific Interest (SSSI) / Proposed Site (PSSSI)	
SSSI with Nature Conservation Order (Section 29 of Wildlife and Countryside Act 1981)	
National Park	
World Heritage Site	
Scheduled Ancient Monument (SAM)	
Area of Outstanding Natural Beauty (AONB)	
Natura 2000 site (<i>Special Area of Conservation or Special Protection Area</i>)	

2. Long term Vision and Objectives

Describe your long-term vision for the new planting

To create new woodland shelter on land less suitable for farming and buffer existing woodland for storage of carbon, to provide shelter for livestock and habitat for wildlife.

The new native woodland will develop from planting to full establishment within 12 years using a mixture of locally native species. Fruiting shrub species will be planted to increase biodiversity and provide a source of food for wildlife. Planting in field margins and next to existing semi-natural woodland will increase the buffering capacity of soils increasing soil water storage potential and reduce the impact of potential diffuse pollution on watercourses.

Set out the objectives for the new planting

1.	Create 1.09ha new native woodland creating a permanent reserve of stored carbon for the benefit of future generations
2.	Strengthen and increase the level of shelter for livestock and crops
3.	Provide suitable new natural habitat for wildlife to rest, forage and breed
4.	Increase the amount of native woodland cover by planting locally native species on adjacent ground

3. Potential impacts of new planting

Sensitivities layer *	Field Parcel Sheet and Field Number	Description of layer in new planting	How will the layer and area to be planted be dealt with in accordance with UKFS?	Are any priority habitats, as listed under section 7 of the Environment (Wales) Act 2016, present in the area to be planted?	Is consultation required for this layer? (See Section 6)
NRW sensitive habitat	SN 072 4980	B.5, purple moor grass and rush pasture, D.2, lowland heathland Adjacent to planting area	NRW to be consulted over potential impact of planting on sensitive habitat on adjacent field parcel, in mitigation there is a native hedgerow and native tree growth between the two.	No – no areas of sensitive habitat will be planted	Yes
SSSI 300m buffer	SN 0726 4980, SN 0726 3585, SN 0726 4455	Approx 70% of planting area within the SSSI buffer	NRW to be consulted for opinion of potential impact of planting on the adjacent SSSI (Eastern Cleddau River)	No	Yes
Historic Landscape Layer	SN 0725 3585	Historic Landscape	The planting sites just overlap the historic landscape layer. It is unlikely that there will be any impact but DAT have been consulted.	No	Yes
Water course	SN 0726 4980, SN 0726 3585, SN 0726 4455	Small water course runs between field parcels 4455 and 3585	Planting will increase the buffering capacity of the new and existing woodland, increase water storage capability in soils and help reduce the impact of diffuse pollution	No	No

* Needs to include GWC GEOPDF layers, other potential sensitivities and other determining factors - public rights of way, wayleaves, rivers and lake

4. Design of New Planting

Brief description of new planting site	<p>The site is a small and productive parcel of land near Maenclochog, Pembrokeshire near the Preseli hills. The land is in good condition but contains some marginal areas which are proposed to be planted with native species. The soil is heavy in places, over clay.</p> <p>This includes improving traditional field boundaries and sites adjacent to existing remnant semi-natural woodland features.</p> <p>Existing vegetation is a mixture of semi-improved grass, bracken, soft rush, bramble and gorse. Existing scrub and well established native tree regeneration will be retained and incorporated into the planting, dense areas of scrub have been excluded from the planting areas.</p> <p>The farmland is adjacent to the Eastern Cleddau River SSSI, and the proposals will buffer the riparian woodland and help protect the watercourse from runoff etc, following heavy rain.</p>
Pre-planting ground preparation	<p>Grass, perennial weeds and bramble to be treated by spot herbicide pre or post planting, bramble, gorse and bracken growth within the field to be cut back pre planting.</p>
Design of new planting scheme	<p>Areas to be planted at 2500 per hectare 2m spacing on average.</p> <p>As the planting is adjacent to cultivated fields, plant native shrubs inside the fence line keeping main tree species 3m-4m back from fences to reduce the need for future maintenance.</p> <p>Recommend plant in small species groupings where possible with some native shrubs planted individually through the planting sites as well as at the field margins. Alder, aspen and guelder rose is suited to wetter ground or ground with heavy clay soils, cherry, oak and birch on the better draining soils.</p> <p>Spiral guards are recommended if small mammals are present including rabbits, hares, mice and voles.</p> <p>Species mixture:</p> <ul style="list-style-type: none"> Common alder 21% Wild cherry 10% Aspen 1% Sessile oak 5% Silver birch 41% Rowan 4% Hazel 10% Guelder rose 1% Bird cherry 1% Hawthorn 5% Holly 1%
Type of planting stock and size of trees/shrubs	<p>The following tree planting stock suggested:</p> <p>Bare root transplants 40-60cm, 1+1, 1u1 or,</p> <p>Cell grown 40-60cm may be used as a one-year seedling alternative</p> <p>All hardwoods specified as UK provenance, UK seed zones 303, 304 and 403 subject to UK provenance availability.</p>

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Tree protection – what type of tree shelters/spiral guards will be used and why?	Recommend 50mm 60cm spiral guards with holes and 3ft 12-14 lbs canes to be used on broadleaved trees, mesh shrub shelters on bushy shrubs such as holly to protect against browsing by small mammals and rodents including mice, voles and rabbits.
Fencing (livestock)	<p>Post and wire with netting to be erected to exclude livestock from the planted area. Glastir fencing specification is available at :</p> <p>https://gov.wales/sites/default/files/publications/2018-01/glastir-entry-2015-rules-booklet-2-technical-guidance.pdf</p> <p>(Annexe 4, Glastir Technical guidance) All new and EU certified materials must only be used, all timber to be pressure treated or use local, durable hardwood, (heart of oak or sweet chestnut)</p>
Deer protection (if an issue)	NA
Open ground	No
Is the new planting within an open access area?	No
Are standing trees present?	Yes, a few hedgerow trees within and adjacent the planting area, tree spacing is being reduced to account for the light shading of the planting area. Existing scrub will remain, less than 0.1ha in extent and therefore not mapped.
Timing of new planting	November 2020 to March 2021 and November 2021 to March 2022

5. Maintenance and monitoring of new planting site

Maintenance Operation	What needs to be maintained?	Who will maintain the new planting site?	When will the maintenance be undertaken?
Control of vegetation around trees	Competition from vigorous grasses and perennial weeds, bracken, gorse and bramble.	Landowner/contractor Owner is responsible for weed control but may employ the services of a professional contractor certified in the use of herbicides. Water guidelines must be adhered to.	During the early part of the growing season approved herbicide may be used to control grasses and perennial weeds. During winter apply granular herbicide or equivalent foliar spray to control grasses and broadleaved weeds for the following growth season. Winter treatment apply before end of Jan during cold and wet conditions. Recommend 1m ² weed free zone around each planted tree in years one and two Bracken control can be carried out prior to planting and managed thereafter for any untreated areas until trees are established beyond the height of the bracken. Small areas do not need to be treated with herbicide and may be mechanically weeded during summer/early autumn to prevent collapse onto newly planted trees.
Tree replacement	Dead trees will be identified and replaced with similar species to maintain the required minimum stocking of 2500 per hectare which is equivalent to 2m x 2m spacing	Landowner/contractor	Annually, for the duration of the contract. Dead trees identified and counted by species, tagged during autumn and replacements planted during the following winter, Planting season, November to end of March.

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Fencing	Check fencing is stockproof and carry out any repairs required.	Landowner/contractor	Annually check for the duration of the contract
Tree protection	Ensure tree guards and stakes/canes are fitted correctly and upright, check for and remove dense grass or bracken growth from inside guards.	Landowner/contractor	Annually check until trees become established During dormancy, Nov-Feb.
Removal of tree protection	Remove and dispose of guards through legitimate recycling when trees are established, and bark is resistant to browsing by rodents and small mammals	Landowner/contractor	During dormancy, Nov-Feb As required, not likely during first 3 years, likely between years 5 and 10.
Rides and paths through wood	NA	NA	NA

6. Consultation and Public Participation

No

Organisation	Date contacted	Date of Feedback	Their Response	How does the consultation response impact on the GWC plan?	Your Action
NRW	04/02/2020	14/02/2020	<i>No concerns about impacts on the Afonydd Cleddau SAC/Eastern Cleddau SSSI</i>	Positive, in support of the plan	No further action required
Dyfed Archaeological Trust	14/02/2020	Not yet received (only just decided to contact as felt there was little chance of impact as the field parcels finally chosen are outside the buffer for the SAM)			Will amend if a problem

Public Participation								
Date Commenced		DD/MM/YYYY			Date Concluded		DD/MM/YYYY	
Individual or Organisation	Connection to new planting (e.g. neighbour, community council, interested party)	Method of communication (e.g. event, letter, email, phone)	Date contacted	Date of Feedback	Their Response	Your Action		

7. Plan of Operation

Compartment No.	Sheet Reference	Field Parcel	Map ID (e.g. GWC 001)	Capital Works Number	Capital Works Type	Species (include mapped open ground)	Species %	Estimated Quantity
1a	SN0726	4980	GWC001, GWC002	802	Native carbon	0.30ha	100%	750
						Common alder	44	330
						Silver birch	35	263
						Oak	4	30
						Aspen	2	15
						Rowan	1	8
						Hazel	10	75
						Guellder rose	1	8
						Hawthorn	3	23
1a & 1b	SN0726	4980	GWC003	595	Post and wire fencing			66m
1c	SN0726	3585	GWC004	802	Native carbon	0.22ha	100%	550
						Common alder	15%	83
						rowan	5%	28
						Wild cherry	10%	55
						Silver birch	50%	275
						Hazel/holly/bird cherry	5%	28
						Hawthorn	15%	83

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Compartment No.	Sheet Reference	Field Parcel	Map ID (e.g. GWC 001)	Capital Works Number	Capital Works Type	Species (include mapped open ground)	Species %	Estimated Quantity
1c	SN0726	3585	GWC005	595	Post and wire fencing			171m
1d	SN0726	4455	GWC006	802	Native carbon	0.44ha	100%	1100
						oak	10%	110
						Wild cherry	15%	165
						Silver birch	45%	495
						Common alder	5%	55
						Rowan	5%	55
						Hazel	15%	165
						Hawthorn, Holly, guelder rose	5%	55
1d	SN0726	4455	GWC007	595	Post and wire fencing			265m
1e	SN0726	4455	GWC008	802	Native carbon	0.13ha		325
						Wild cherry	15%	49
						Silver birch	30%	98
						Rowan	5%	16
						Common alder	30%	98
						Hazel	10%	33
						Mixed native shrubs	10%	33
1e	SN0726	4455	GWC009	595	Post and wire fencing			64m

8. Information Required to Support GWC Plan Verification

Documents	Attached: Yes / No Please note that plans will be returned unchecked if required supporting documents are not present
Glastir Woodland Creation Plan	Y
Glastir Woodland Creation GEOPDF	Y

Consents and Consultation responses	Provided: Yes / No / Not applicable
Natural Resources Wales: consent within Sites of Special Scientific Interest (SSSI)	Y
CADW: response within 100m of Scheduled Ancient Monument	NA
Welsh Archaeological Trust consultation	Y
Additional documents e.g. ecological survey, community consultation, landscape design map	NA
Consultation responses e.g. National Parks and Areas of Outstanding Natural Beauty over 2Ha	NA
Other non-designated areas (e.g. RIGS, Historic Parks and Gardens, etc.)	NA

Glastir Woodland Planner Declaration

This declaration must be completed by the planner before submitting the finalised plan to the Welsh Government for verification by NRW.


I confirm all of the information contained in this Glastir Woodland Creation plan is true, accurate and complete to the best of my knowledge and belief. I confirm I have visited all proposed planting sites. I understand and accept it is my responsibility to ensure this is the case. I confirm if there is any change to the information I have provided, I will notify the Welsh Government of the change within 10 working days. I accept, if any information is outdated, incomplete, misleading or false, the plan may be withdrawn by Welsh Government and passed to another Glastir Woodland Planner to complete. Application of Sanctions of the Terms & Conditions for the Registration of Glastir Woodland Management Planners will be initiated.

Please indicate here if you are submitting a draft plan verification, or you wish to declare this the finalised version of the GWC plan.

GWC Draft Plan	<i>N</i>	(Applicant / Agent declaration MUST NOT be signed)
GWC Final Plan	<i>Y</i>	(Applicant / Agent declaration MUST be signed)

In both instances this section of the Plan, the Glastir Woodland Planner declaration must be signed by the Glastir Woodland Creation Planner.

Signed:



Date: 14th February 2020

Printed Name:

GARETH DAVIES

Declaration

Unless an agent has the authority to do so, this declaration must be signed by an applicant. Where an agent is signing this declaration, the agent must be registered with the Welsh Government to act on behalf of the applicant.

I confirm that all of the information contained in this Woodland Creation Plan is true, accurate and complete to the best of my knowledge and belief. I understand and accept that it is my responsibility to ensure that is the case. I confirm that if there is any change to the information I have provided I will notify RPW online of the change within 10 working days. I accept that if a contract is awarded on the basis of outdated information, that contract may be withdrawn by the Welsh Government.

I confirm that I have management control of the land that is the subject of this Woodland Creation Plan. I am aware of, and have complied with, the conditions that apply to my application and the Woodland Creation Plan. I declare that I have read, understood and complied with all of the relevant guidance and information relating to Glastir Woodland Creation.

I undertake to keep for a period of 10 years from the date of the final payment and to provide officers of the Welsh Government or their duly authorised agents, within such period as they may determine, such records and information as may be required in respect of this application and in order to determine my compliance with these declarations and undertakings. I agree to repay any aid received together with any interest, if I am asked to do so by the Welsh Government, as a consequence of a breach of any rule, declaration made or undertaking given in this application. I agree to repay, on demand, any overpayments made to me as a result of a miscalculation by the Welsh Government or otherwise.

I will allow duly authorised officers of the Welsh Government, or their duly authorised agents, access to any land or any woodland areas included in the Woodland Creation Plan in order to inspect the land, any relevant equipment, storage facilities and records (including computer records), and any other aspect of the land within the Woodland Creation Plan in order to verify the accuracy of the information in this application, and I will give them all reasonable assistance for that purpose.

I understand that if my application is successful, I will be required to enter into a Glastir Woodland Creation Contract and payment of any grant funding will be conditional on compliance with the terms of that contract. If I am offered a contract and do not enter into the agreement, or fulfil the terms of the contract I may be excluded from re-applying for Glastir Woodland Creation for the following two calendar years.

I understand that the use of an agent or Management Planner does not affect my personal responsibility for the accuracy of the information provided in this application, nor does it absolve me of responsibility to comply with the terms of any contract should my application be successful.

I understand that I must not commence project activity before I have received written confirmation from the Welsh Government to do so. Any expenditure incurred before the approval date is at my own risk and may render the project ineligible for support.

I have read the Fair Processing Notice of the Glastir Woodland Creation Rules Booklet. I understand that the Welsh Ministers may share, publish or disclose information, including personal information, about my Glastir Woodland Creation application and Woodland Creation Plan with other organisations. I agree to any necessary disclosure or exchanges of information and this extends to the use of information, which is created or obtained in connection with my application (including details of payments made to me/my business).

I understand that the publication and disclosure of information by the Welsh Government will be in accordance with the obligations and duties under the Freedom of Information Act 2000, the Data Protection Act 1998, the Environmental Information Regulations 2004 and Commission Regulation (EC) 908/2014. I understand that the Welsh Government may produce and publish maps showing the areas of land that have been brought into the agreements and other information provided may also be disclosed where permitted by law.

I understand that the Welsh Government may also obtain information about me from other organisations, or provide information about me to them, in order to verify the accuracy of the information, prevent or detect crime and protect public funds. These other organisations include government departments, local authorities and other bodies as appropriate.

I understand that any person who makes a false declaration or fails to notify the Welsh Government of a material change to the information set out in the Woodland Creation Plan may be liable to prosecution. A false, inaccurate or incomplete statement, or failure to notify the Welsh Government of any material changes to the information given in this Forest Management Plan, may result in termination of the contract and/or recovery of any payments.

I have disclosed details of all other management agreements or grants that I receive, or intend to apply for, that may raise the possibility of me receiving double funding.

I understand that European regulations (including controls) and the Welsh Government Rural Communities – Rural Development Programme for Wales 2014-2020 may change from time to time. I accept that the Welsh Government may need to update rules and conditions to take into account any such change and I agree to abide by any changes following notification by the Welsh Government.

Applicant's Declaration

Applicant Signature:

Date:

Printed Name:

Or


Agent's Declaration

Where the application is submitted by an agent, I, the agent, confirm that:

(a) I have drawn the attention of the applicant to the finalised Glastir Woodland Creation plan and the conditions that apply to this application, including the Applicant's Declarations set out above, and have informed the applicant that they are responsible for complying with the same; and

(b) I am authorised by the applicant to make the Applicant's Declarations set out above on their behalf.

Agent Signature:



Date:

14TH February
2020

Printed Name:

GARETH DAVIES

