

Glastir Woodland Creation Plan

Customer Reference Number (CRN)	A0027809
Expression of Interest (EOI) Reference number	7496518

1. Property Details

New woodland property name		Tyn Rhos	
Site Reference Number (SRN)			
Contact Name	Martin James	Status	Please choose (Owner, tenant , manager)
Email	martinjames4x4offroad@btopenworld.com	Contact Number	01970832729
Do you have management control of the land?		Yes / No	
Management Planner		John Evans & Andrew Bronwin	
Email	john@bronwin.co.uk	Contact Number	01597 825900
Agent Name and Company (If Applicable)		Andrew Bronwin – Andrew Bronwin & Co	
Email	andrew@bronwin.co.uk	Contact Number	01597 825900
Has planner carried out a site visit?		Yes / No Andrew Bronwin	
GWC area (Hectares)		10.26	
Type of GWC planting mixture		Enhanced mix	
Six-figure Grid Reference for GWC area		SN747818 (northern fields) & SN748810 (southern field)	
Nearest town		Aberystwyth	
Local authority (new planting site)		Ceredigion	
Is this a GWC co-operative plan		Yes / No	
Tick to declare you will apply for Woodland Carbon Code validation within 24 months of grant approval (mandatory for Native Carbon GWC woodland mixture)		Yes / Not Applicable	
Do you intend to claim annual GWC maintenance payment?		Yes / No	
Do you intend to claim annual GWC premium payment?		Yes / No	

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

Designated Area	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)	
"Natural 2000" site (e.g. special areas of conservation or special protection areas)	

2. Long term Vision and Objectives

Describe your long-term vision for the new planting

The new planting will become a productive woodland producing good quality timber. Any areas of ecological interest within the new planting area will be maintained.

Set out the objectives for the new planting

1.	The establishment of a productive woodland through good silvicultural practice.
2.	To ensure the woodland fits in with the existing landscape by careful design
3.	To protect areas of ecological and historic value within the site by the sensitive location of species including the buffering of watercourses and other sensitive areas.
4.	
5.	
6.	

3. Potential impacts of new planting

Sensitivities layer *	Field Parcel Sheet and Field Number	Description of layer in new planting	How will the layer be dealt with (in accordance with UKFS)	Is consultation required for this layer	How does the consultation response impact on the GWC plan
Historic Landscape Area	SN7481 6784 SN7418 8872 SN7481 4788 SN7481 8604	All of field parcel	WAT consulted on initial planting proposals	Yes – with WAT	Scheme amended in line with WAT advice
Bracken within Pearl Bordered Fritillary Habitat	SN7481 6784 SN7481 4788	Thin strip along the southern boundary with the majority of the layer outside – i.e. between the boundary and the Afon Rhiedol	The layer will be excluded – i.e. left as open ground. Advice sought from Butterfly Conservation on the adjacent land to north.	Yes – Butterfly Conservation	Layer left unplanted and advice followed.
NRW Sensitive Habitat	SN7481 6784	0.25 Ha (60%) of layer in SE corner of field parcel. Described in LLE as Lowland Acid Grassland	Excluded from planting area + 5m buffer	Yes – NRW Conservation Team	Area not planted
Water Vole Guidance Area	SN7481 6784 SN7418 8872	All of field parcel (No NBN records on the stretch of the Afon Rheidol between SN7481 6784 & SN7481 8604	Riparian bank >15m from proposed woodland boundary. Further buffer 10m in width of mixed native broadleaves and shrubs adjacent to the Afon Rhiedol - species as per NRW Guidance Note 002 No action, riparian >90m from proposed woodland boundary	No	Planting scheme tailored to provide favourable conditions for protected species



Sensitivities layer *	Field Parcel Sheet and Field Number	Description of layer in new planting	How will the layer be dealt with (in accordance with UKFS)	Is consultation required for this layer	How does the consultation response impact on the GWC plan
Water Vole Guidance Area Continued	SN7481 4788	All of Field Parcel	Riparian bank >2m from proposed woodland boundary. Minimum of 5m unplanted buffer from riparian banks Further buffer 10m in width of mixed native broadleaves and shrubs adjacent to the Afon Rhiedol – species as per NRW Guidance Note 002	No	Planting scheme tailored to provide favourable conditions for protected species
	SN7481 8604	All of Field Parcel	Riparian bank >15m from proposed woodland boundary. Further buffer 10m in width of mixed native broadleaves and shrubs adjacent to the Afon Rhiedol - species as per NRW Guidance Note 002		
SSSI – 300m buffer (Biological)	SN7481 8604	All bar 15m wide strip at northern end within buffer of Rhiedol Woods and Gorge SSSI	TBC	Yes – Glastir Officer to contact NRW Conservation Team	TBC
Modified Deep Peat	SN7481 8604	0.11 Ha section against river	To be confirmed at site survey using probe if confirmed as Deep Peat will be excluded	No	TBC
Scheduled Ancient Monument 100m buffer	SN7481 8604	0.11 Ha section at southern end of Hen Bont, Pont-Erwyd	CADW to be consulted on possible impact on SAM	Yes	TBC



Sensitivities layer *	Field Parcel Sheet and Field Number	Description of layer in new planting	How will the layer be dealt with (in accordance with UKFS)	Is consultation required for this layer	How does the consultation response impact on the GWC plan
Afon Rhiedol	SN7481 6784 SN7481 4788 SN7481 8604	Field Parcels abut the river	Within riparian buffer but beyond the minimum 5m no plant buffer from the river bank (see Water Vole Guidance Area) native broadleaves will be planted at 1600 trees per ha to create more dappled shade.	No	N/A
Glastir Entry scheme	SN7481 6784 SN7481 4788 SN7418 8872	Field Parcels in scheme until 31 Dec 2018	n/a	Once the Woodland Creation Scheme has been approved the applicant will consult with their Glastir Officer about a future scheme. From 2019 schemes will be annual agreements.	No impact
Glastir Advance scheme	SN7481 8604	Field Parcel in scheme until 31 Dec 2018	n/a	As per above	
Landscape	SN7481 6784 SN7418 8872 SN7481 4788 SN7481 8604	All within Cambrian Hills Landscape Character Area			

* 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>Grazed permanent pasture that is in Glastir Advanced/Entry until 2019. The Afon Rheidol forms the western boundary of the proposed planting.</p> <p>Bedrock Sedimentary rock, Cwmere Formation - Mudstone And Laminated Hemipelagic Mudstone</p> <p>Soils Field Parcels SN7481 6784, SN7418 8872 & SN7481 4788 – Slowly permeable wet very acid upland soils with a peaty surface.</p> <p>Field Parcel SN7481 8604 and SW corner of SN7481 6784– Freely draining acid loamy soils over rock.</p> <p>Elevation Field Parcels SN7481 6784 & SN7418 8872 – 240-275m above sea level Field Parcel SN7481 4788 – 260-285m above sea level Field Parcel SN7481 8604 - 225m above sea level</p>
Pre-planting ground preparation	<p>1. Ground Preparation The accessible ground will be prepared using a single furrow plough prior to planting - 2m between furrows. Where ground cannot be accessed by machine the ground will be screefed using a spade prior to planting. Ground preparation of the site will be carried out in the autumn of 2018. The purpose of the ground preparation work is to ensure the rapid establishment of the young trees minimising the duration and quantity of herbicide use. UKFS Forest and Water Guidelines to be followed.</p> <p>2a. European Protected Species (EPS) potential presence <i>NBN records within 5 Km</i> Otters recorded within 5km on the Afon Rhiedol. No dormice records Bat spp – recorded within 5km Great Crested Newt – no records</p> <p>2b. Protected species Water vole</p> <p>3. Potential presence of badger setts See planting design – none known. If found there will be no heavy machinery within 30m of the sett and no light machinery within 10m of any sett.</p> <p>Method statements for all operations likely to impact on EPS and water voles and to be agreed with the NRW species team prior to work commencing. A work schedule of operations to be created with the species team kept informed.</p>

<p>Design of new planting scheme</p>	<p>See planting design map</p> <p>SPECIFICALLY BROADLEAVES See Planting Design Plan and GeoPDF, specifically native broadleaves, shrubs will be used to:</p> <ul style="list-style-type: none"> • Soften the hard edges of the conifer planting. • Buffer the conifer planting adjacent to the Afon Rhiedol – planting within 10m of watercourse to be at 1600 tree per ha to create dapple shade as NRW Guidance Note 002 – Water Bodies. This broadleaf buffer to per a minimum width of 10m. The overall plant spacing will be reduced from 2m x 2m spacing (2500 trees per ha) to ensure the rules of Glastir are met. <p>Note: Due to the potential presence of water voles there will be a minimum 5m no plant (i.e. open ground) buffer between the river bank and the proposed planting as per NRW Guidance Note 002 - Water Voles. In addition the broadleaf buffer will include the following species which are listed in the Guidance Note: alder, hazel, rowan and bird cherry.</p> <p>SPECIFICALLY OPEN GROUND See Planting Design Plan and GeoPDF. The open ground mapped out of the scheme consists of:</p> <ul style="list-style-type: none"> • Access tracks and rides for management. (All access rides are mapped). • Afon Rhiedol broadleaf - trees and shrubs) minimum open ground buffer of 5m as per NRW Guidance Note 002 - Water Voles. <p>Plant spacing will be reduced from 2m x 2m spacing (2500 trees per ha) to take into account the unmappable open areas and to ensure the rules of Glastir are met.</p> <p>Landscape The proposed new woodland is of a significant size and is within the Cambrian Hills National Character Area</p> <p>See Landscape Design Plan - Native broadleaves and shrubs (25%) combined with open ground, will be planted to create an uneven and feathered edge on the scheme boundaries. The edge of the northern and western boundaries will be planted with downy birch and rowan only because of its exposed nature This planting design feature will soften edges in line with UKFS guidelines.</p> <p>Watercourses</p> <ul style="list-style-type: none"> • Afon Rheidol – minimum no plant buffer of 5m from river bank Planting within 10m of the Afon Rhiedol to be at 1600 tree per ha to create dapple shade as NRW Guidance Note 002 – Water Bodies. The overall plant spacing will be reduced from 2m x 2m spacing (2500 trees per ha) to ensure the rules of Glastir are met.
<p>Type of planting stock and size of trees/shrubs</p>	<p>The conifers will be 20-50cm transplant stock 1u1 or 1+1. The broadleaves will be 30-60cm stock 1/0, 1u1 or 1+1 and, subject to availability of appropriate provenance.</p>

Tree protection – what type of tree shelters/spiral guards will be used and why?	<p>Conifers will be left unguarded.</p> <p>Broadleaves - No rabbits present at the time of the initial site survey June 2018. If there is any evidence of rabbit or vole damage it is the responsibility of the owner to take action to control the rabbits and/or guard the affected trees. The former is the preferred option – the nature of the site and the use of ground preparation means that it will be extremely difficult to keep the shelters upright or in place. The agent or owner will check the trees at regular intervals to ensure that there is no damage.</p>
Fencing (livestock)	The existing boundaries will be maintained as stockproof.
Deer protection (if an issue)	Not an issue
Open ground	<p>All mappable open ground has been mapped out of the scheme – see Design Plans. Open ground mapped out of the scheme consists of:</p> <ul style="list-style-type: none"> • Access rides for management. (All access rides are mapped.) • Watercourses – minimum 5m open ground buffer from the river bank . <p>Plant spacing will be reduced from 2m x 2m spacing (2500 trees per ha) to take into account the unmappable open areas and to ensure the rules of Glastir are met.</p>
Is the new planting within an open access area?	No
Are standing trees present?	<p>All of the woodland trees and hedgerows >0.1 Ha have been mapped out as per GWC guidance – see Design Plan.</p> <p><i>Existing trees, particularly along boundaries</i> – planting will be kept out with the drip line of existing mature trees and hedgerows</p>
Timing of new planting	<p>January –March 2019</p> <p>(I.e. after the end of the current Glastir Entry/Advanced scheme.)</p>

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	Brambles, grasses and agricultural weeds using a forestry approved herbicide	Agent or owner to organise a contractor to carry out maintenance operation.	<p>Post planting:</p> <ul style="list-style-type: none"> - The purpose of the ground preparation work is to ensure the rapid establishment of the young trees minimising the requirement for herbicide use. - Treatment will be carried out until the trees are established and have out competed the surrounding vegetation. This is expected to be a minimum of 2 growing seasons in the conifer areas and a minimum of 3 growing seasons in the broadleaf areas. - Spot weeding of the trees – 1m diameter. April/ May or strip spraying down the edges of the plough line. - Selective treatment of bramble, agricultural weeds and grasses with forestry approved herbicides. The selective treatment will be carried out when necessary during growing season and within the application guidelines of the herbicide used. - Herbicide will be applied by a qualified contractor – NPTC PA1, PA6 and PA6AW <p>Near watercourses and water supply source:</p> <ul style="list-style-type: none"> - A forestry herbicide approved for such use will be used for weed control. Minimum of 1m buffer with a 5m buffer the preferred option
Tree replacement	Losses will be replaced with a species mix that maintains the species percentages/mix specified in sections 4 & 6 and ensures full stocking of 2500/Ha	Agent or owner will organise a contractor to carry out operation following check in autumn of the 2018 and in the autumn of the following 4 years	Beat up assessment in the late autumn, replace trees Nov-March annually until stocking meets Glastir Woodland Creation Rules & Guidance for duration of contract

Fencing	Check annually to ensure stock are excluded from the new planting	Owner or agent to organise a contractor to carry out maintenance operation	Annually for duration of contract
Tree protection	Trees to be checked regularly for damage by rabbits & voles until established	Agent or Owner Contractor whilst on site – spring and autumn annually to ensure there are 2,500 trees/Ha present. If there are losses these will be replaced to ensure stocking is at 2,500 trees/Ha.	For duration of contract
Removal of tree protection	Not applicable	Not applicable	Not applicable
Rides and paths through wood	All the access rides and glades have been mapped out of the scheme.	N/A	N/A

6. Stakeholder engagement and public participation

Individual or Organisation	Connection to new planting (i.e. neighbour, statutory consultee)	Method of communication (i.e. event, letter, email, phone)	Date contacted	Date of Feedback	Their Response	Your Action
Stakraft	Neighbour - own land and Dinas Reservoir directly to the north of the proposed planting					
CADW	Statutory consultee	Email				
Clwyd Powys Archaeological Trust	Statutory consultee	Email				
Butterfly Conservation	Statutory consultee	Email				
Ceredigion County Council						
Sewage Works						
Neighbour 1						
Neighbour 2						
Neighbour 3						

7. Plan of Operation

Cpt. No.	Sheet Reference	Field Parcel	Map ID (e.g. GWC 001)	Capital Works Reference	Capital Works Number	Species (include mapped open ground)	Species %	Estimated Quantity
<i>Exact details – species mix and percentages to be confirmed following consultation with CPAT, CADW and Butterfly Conservation</i>								
1	SN7481	6784	GWC001	Mixed Enhanced	803		50% Sitka spruce 15% Norway spruce 10% Douglas fir 10% Sessile oak 10% Wild cherry 2% Downy birch 1% Rowan 1% Common alder, 1% Native shrubs - hazel, bird cherry.	3.20 Ha
2	SN7418	8872	GWC002	Mixed Enhanced	803		as per above	4.83 Ha
3	SN7481	4788	GWC003	Mixed Enhanced	803		as per above	1.46 Ha
4	SN7481	8604	GWC004	Mixed Enhanced	803		as per above	0.77 Ha

8. Information required to support GWC plan verification

Documents	Attached: Yes / No
Glastir Woodland Creation Plan	
Map of planting area(s)	
Consents and Consultation responses	Provided: Yes / No / Not applicable
Natural Resources Wales: consent within Sites of Special Scientific Interest (SSSI)	Not applicable
CADW: response within 100m of Scheduled Ancient Monument	
Archaeological Trust consultation	
Additional documents e.g. ecological survey, community consultation	
Consultation responses e.g. National Parks and Areas of Outstanding Natural Beauty over 2Ha	

Failure to submit all required information at this stage could result in delays during the GWC plan verification process.

Declaration

This must be signed by the main applicant. An agent may sign where they have been given authority to do so. Where an agent is signing this declaration, the agents 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 the Welsh Government 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 2014-202 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.

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 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.

Signed:

Date:

Printed Name:

For Official Use Only I confirm that this plan conforms to UK Forest Standard (UKFS) and Glastir Woodland Creation Scheme Rules, and Glastir Woodland objectives	
Signed:	Date:
Print Name:	

If Plan cannot be approved, please provide details below	
Signed:	Date:
Print Name:	