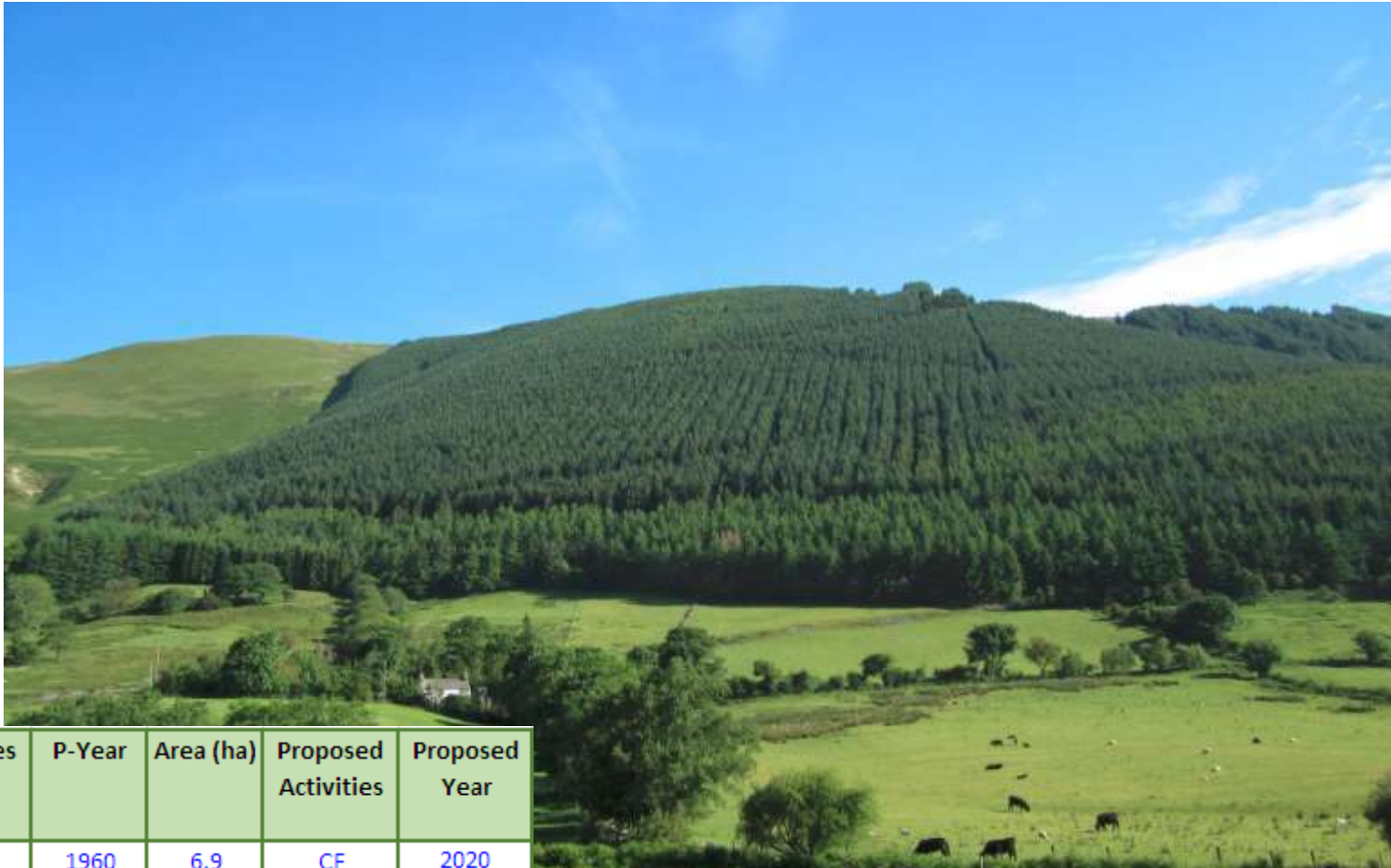


A new long-term forest management plan for Wales



John Browne
Senior Advisor on Forestry

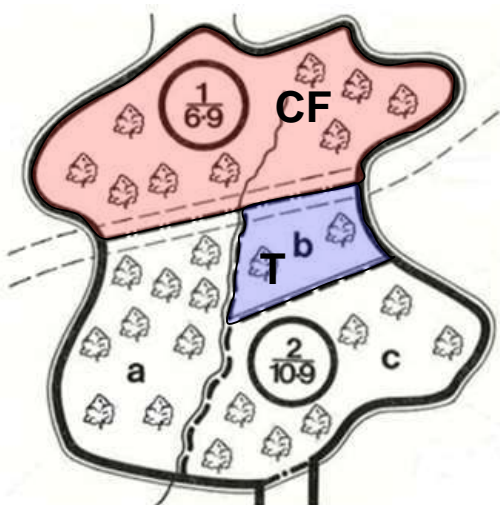
1/4. Scope for long-term plans (10-20 years)



Compartment	Species	P-Year	Area (ha)	Proposed Activities	Proposed Year
1	SS	1960	6.9	CF	2020
2a			4.5		
2b	SP/JL	1960	2.2	T	2020
2c			4.2		

1/4 (cont.). Clear link between the spreadsheet and map is required

Compartment	Species	P-Year	Area (ha)	Proposed Activities	Proposed Year	Additional species (and %) [REQUIRED FOR EUTR]	Estimated Vol (m3) [EUTR]	Proposed Restocking	Proposed Year	Species (and %age) For FELLING list each main species (& %age). MC or MB can be used where <20%	Area (ha)	Density (stems/ha)	% Nat Regen
1	SS	1960	6.9	CF	2020	SS 100%	2400	RP	2022	SS 60% SP 20% MB 10% OG 10%	6.9	2500	0
2a			4.5										
2b	SP/JL	1960	2.2	T	2020	SS 80% JL 20%	90						
2c			4.2										



Key:

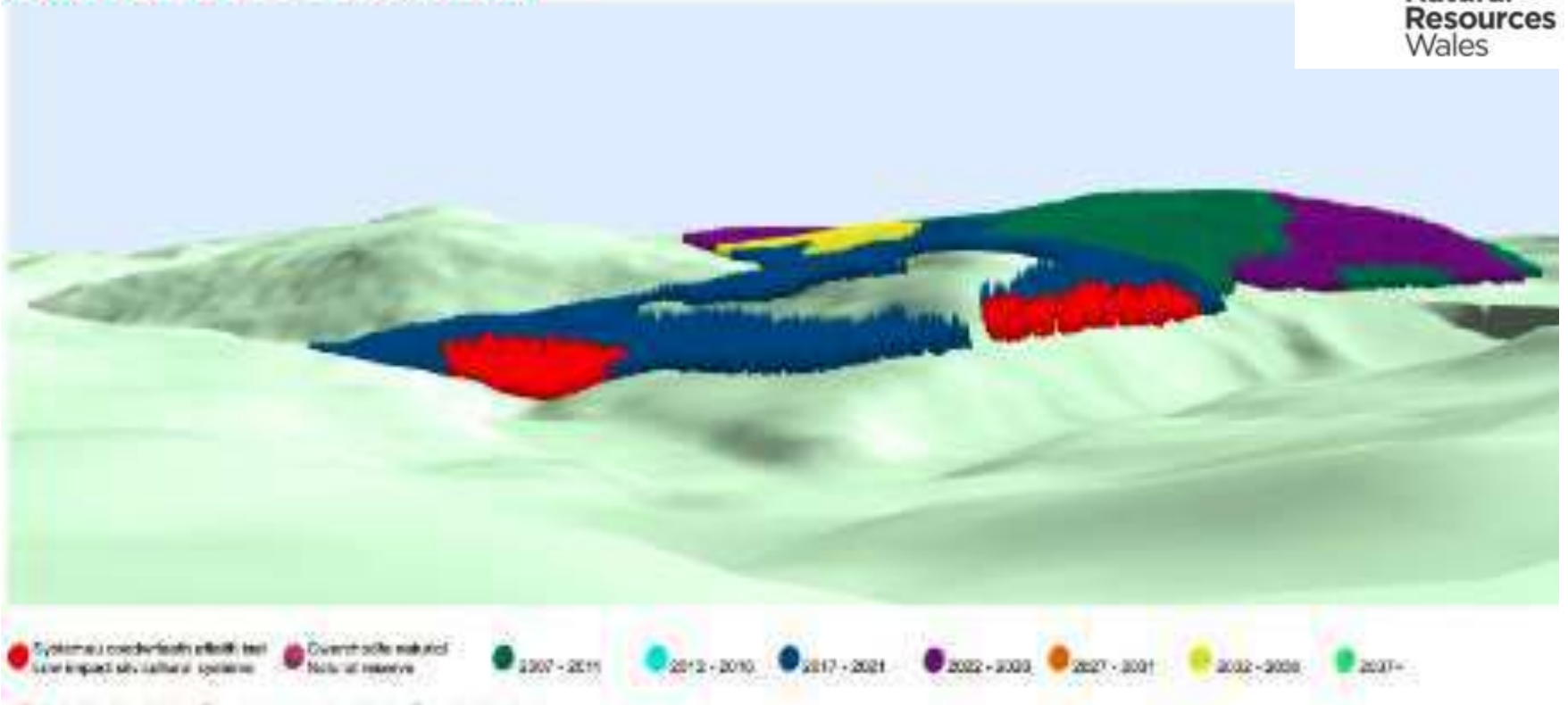
- 1 = Compartment number
- a = Sub-compartment letter
- 6.9 = Area of compartment (hectares)

Name / Comp No	Type of Operation	Year (of Operation)	Species (& %) For FELLING list each main species (& %). MC or MB can be used where <20%	Felling details			Restocking details		
				Area (ha)	Estimated Vol (m3)	Approx age (or P-Year)	Area (ha)	Density (stems/ha)	% Nat Regen
1	F	2020	SS 100%	6.9	2400	50			
1	RP	2022	SS 60%, SP 20%, MB 10%, OG 10%				6.9	2500	0
2a									
2b	T	2020	SS 80%, MC 20%	2.2	90	50			
2c									

5a. Summary of your work programme (of thinning, felling and restocking)

Activity	Area (hectares)	Any comments
Thinning	2.2	
Other felling	6.9	
Restocking	6.9	
Other		

CWYMPO FELLING 2007



2/4. **Scope
for some
tolerance**



Why are the tolerances so small?



Tolerance table

Category	a. Adjustment to felling coupe boundaries	b. Change to indicative felling year	c. Change to felling type	d. Clearance of standing trees within partially windblown coupes	e. Timing of restocking after clear- or selective felling	f. Change to number of stems per hectare (sph)	g. Change to proportions of broadleaves and conifers [and amount of managed open ground]
1. NRW approval not normally required	< 10% of coupe area	1 - 2 years	Clearfelling to selective felling or thinning	-	1 - 2 planting seasons after felling	Increasing sph to ≥ 1600 broadleaves or ≥ 2500 conifers, or decreasing sph to ≥ 1600 broadleaves or ≥ 2500 conifers	No overall change in the proportions of broadleaves and conifers [& managed open ground < 5% of coupe area]
2. Approval by exchange of email and map or digital photo	10 - 25% of coupe area	3 - 4 years where no UKFS adjacency	Increased level of thinning beyond marginal intensity	≤ 5 hectares (and $\geq 80\%$ of area windblown)	3 - 4 planting seasons after felling	Anything not covered above	Increase in the proportion of broadleaves
3. Approval by formal amendment	> 25% of coupe area	> 4 years where no UKFS adjacency	Thinning to selective felling or clearfelling	> 5 hectares (and anything not covered above)	> 4 planting seasons after felling	-	Increase in the proportion of conifers [& managed open ground > 5% of coupe area]

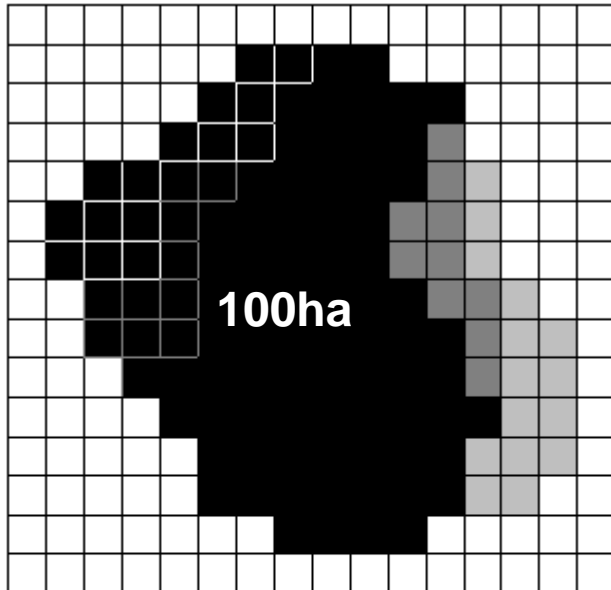
Photo credit: *Forestry Memories*, used with permission



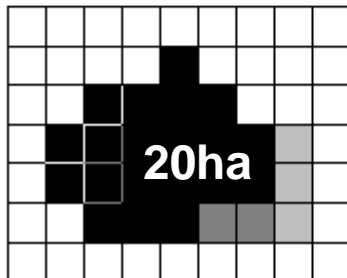
Tolerance table (cont.)

a. Change to felling boundaries

(i) Big coupe (100ha) $\pm 10-25\%$



(ii) Small coupe (20ha) $\pm 10-25\%$



Key
 Approved felling

c. Change to felling type



g. Change to BL/CON proportions



3/4. Fair and proportionate

The Forestry (Felling of Trees) Regulations 1979

--Applications should be submitted if possible at least 3 months before it is desired to start felling

NB Felling must not start until a licence has been issued

--A map, signed and dated by the applicant, must accompany each application (see note 2b)

Description of felling

Type of Operation	Species	Identification of Trees ie how they are marked	Area (ha)	Approx Age of Trees (Years)	Total number of Trees	Estimated Volume (Cubic metres over bark)	
						Conifers	Broadleaves
<i>TOTAL VOLUME</i>							

The Forestry Act 1967

13 Deferred decision on application

(1) Where a person applies for a felling licence and the [appropriate forestry authority] do not within three months after receiving the application, or within such further time as may be agreed with the applicant, give notice to him of their decision on the application (including any reference of the application under section 15 of this Act) the provisions of this Part of this Act shall apply in relation to the application as if it had been refused.

Underlying principles in developing a new long-term plan

1. NRW's Regulatory Principles

- Deliver outcomes
- Be intelligent
- Prepared to challenge
- Use the full range of tools available
- Be flexible
- Bring the right skills / expertise together
- Be efficient and effective
- Be clear on what we do and why

2. UKFS



3. Woodlands for Wales

UKFS 3 planning levels:

- Strategic
(Forest Management Plans)
- Operational
- Contingency

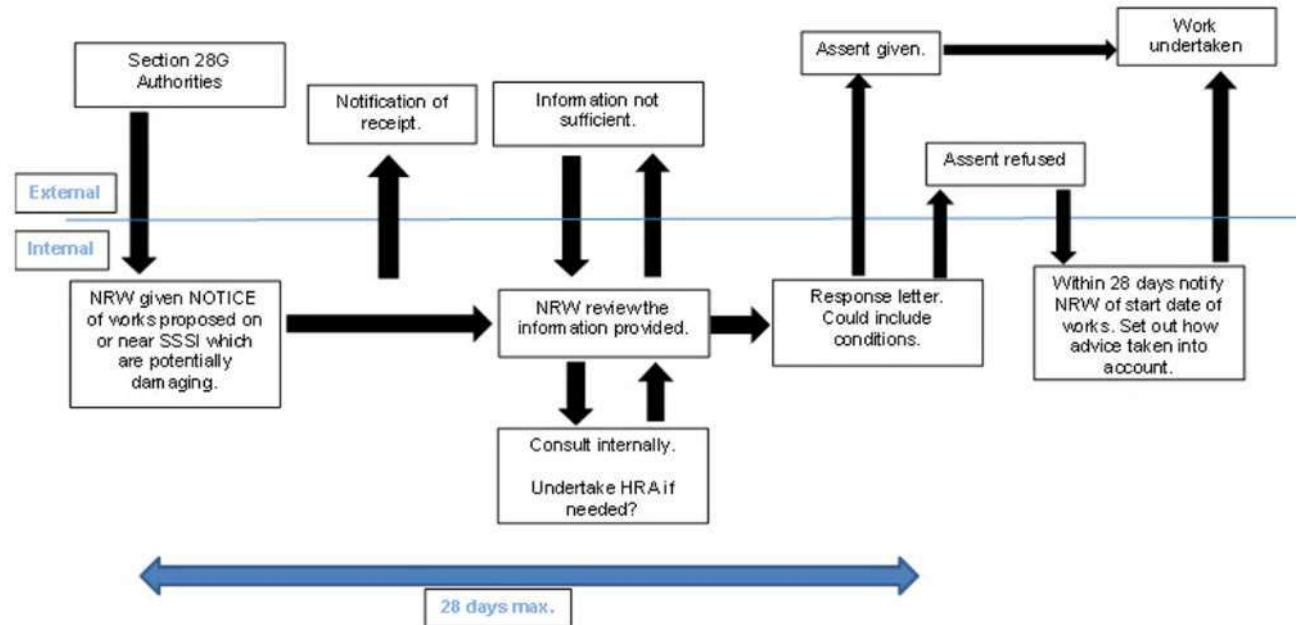
The UK Forestry Standard

The governments' approach to sustainable forestry



4/4. Charging

With charging coming in the group said they'd prefer to do more of the work themselves rather than NRW do it for applicants at cost

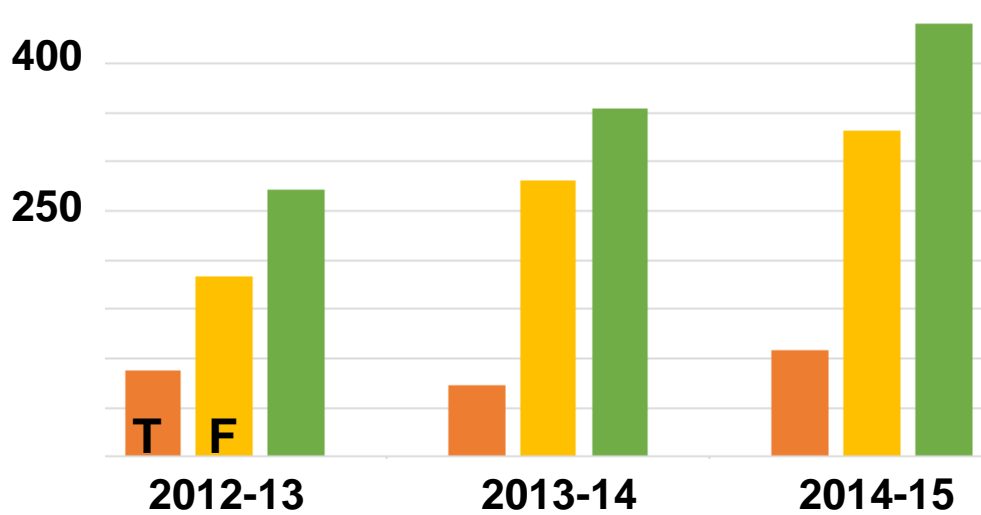


SMNR ≡ SFM



Impacts of a long-term plan on FLAs

No of FLAs rec'd per year over 3-year period

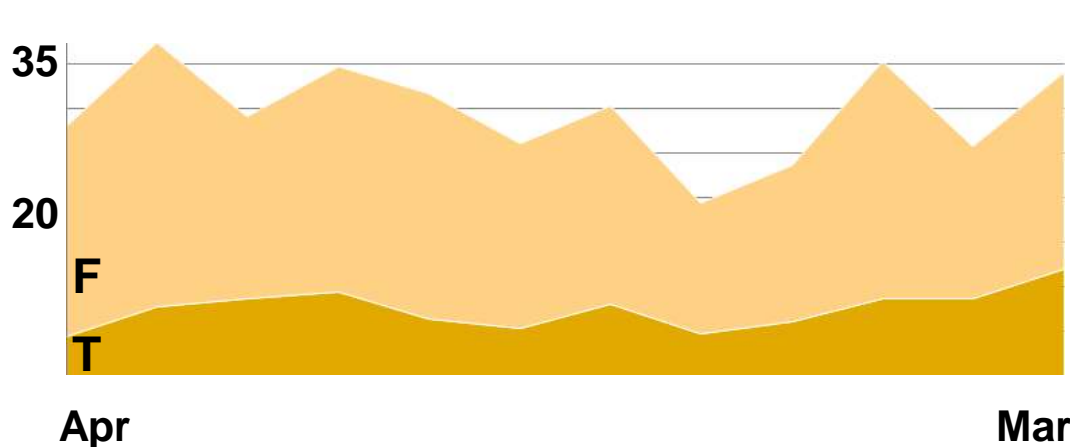


No of FLAs 2015-16

Size	Agent	No Agent	Totals
<2ha	64	105	169
2-<5ha	44	45	89
5-<20ha	90	50	140
>20ha	31	8	39
Totals	229	208	437

Key	
	<25%
	25-<50%
	50-<75%
	>75%

Ave FLAs rec'd per month over 3-year period



Area of FLAs 2015-16 (hectares)


Size	Agent	No Agent	Totals
<2ha	60	80	140
2-<5ha	150	140	290
5-<20ha	920	460	1380
>20ha	1150	460	1610
Totals	2280	1140	3420ha

Key	
	<25%
	25-<50%
	50-<75%
	>75%

What is a forest management plan?

It's a management tool that:

- clearly sets out your plans for up to 20 years
- provides approval for tree felling through a land management agreement
- can be used to provide background for other schemes
- provides evidence of sustainable management



Cyfoeth Naturiol Cymru Natural Resources Wales **Forest management plan Land Management Agreement**

NEWUSER ONLY
Case reference: Plan name:

(a) Land Management Agreement between:
The Natural Resources Body for Wales
(also referred to in this document as "Natural Resources Wales", "NRW", "we", "us" and "our") whose principal place of business is, Canolfan Iwona, 20 Newport Road, Cardiff, CF24 0TP,
and
A Your full name (including title):
(also referred to in this document as "you" and "the Licensee"), and in section (b) as "I" and "we")
Your address:

(b) Your declaration and signature
I certify that:
i. I have read, understand and agree to the Conditions in this Agreement.
ii. I will adhere to any scheduled regulatory assessments in relation to the application form and appended to this Agreement.
iii. I will comply with the proposed operations in my Work Programme in line with good forestry practice and I will adhere to all other Conditions appended to this Agreement.
iv. The timber felling operations under my Felling License will comply with the EU Timber Regulations 2012 and I have no reason to believe that this timber will not be entirely legal.
I understand that this Agreement may be terminated if I have given false or incomplete information.
Authorisation (sign or not signed?)
Date:

NEWUSER ONLY
(a) Approved on behalf of The Natural Resources Body for Wales:

NRW's Permission (where applicable) to do work is subject to the management of the licensee in accordance with the work. This means you must adhere to the rules, regulations and conditions of the work. You must also ensure you are aware of the relevant legislation and any other relevant information.

NRW's logo and name are used under license. Page 1 of 8 DRAFT (NRW 2012)



Cyfoeth Naturiol Cymru Natural Resources Wales

Certificate of Approval for Tree Felling

This is to certify that the felling of growing trees under Forest Management Plan ref: 050/100/18-19 has been approved by Natural Resources Wales as being in accordance with the Welsh Government's policies for the sustainable management of a natural resource.

This certificate is issued under Part II of the Forestry Act 1967 as amended, and authorises the felling of the growing trees identified in the work programme for the above Forest Management Plan.

Signed:
as Authorised Officer of Natural Resources Wales

Date:

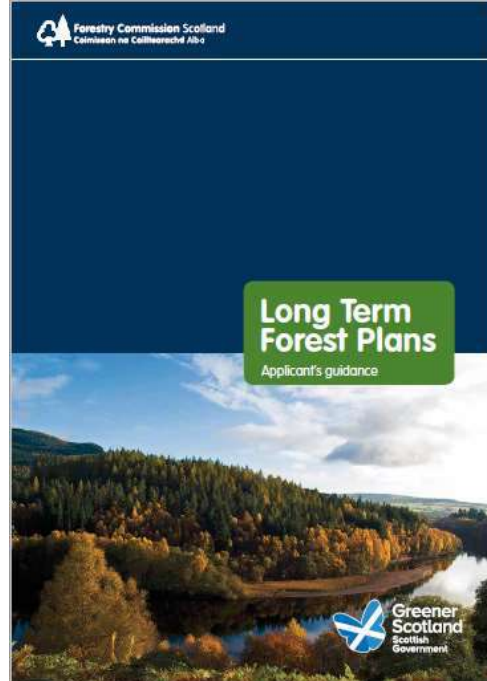
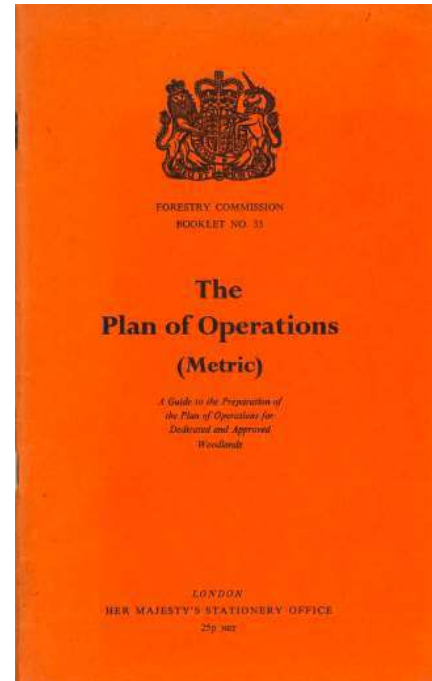
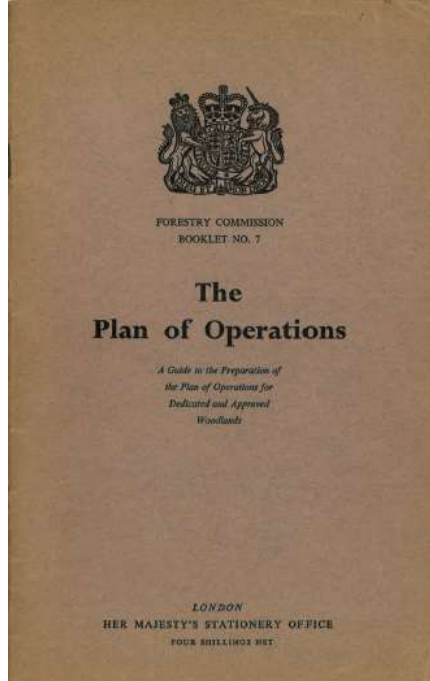
Can I use my existing UKWAS plan?

We will accept:

- UK Woodland Assurance Scheme (UKWAS) plans
- Plans to other certification standards e.g. ISO14001 which are certified by the UK Accreditation Service
- Existing management plans where these are up to date and the following key information is provided:
 - sufficiently detailed
 - sufficiently comprehensive
 - clear *work programme* of your thinning, felling and restocking proposals
 - maps that are clear, accurate and easy to follow

All of the above must contain all the info req'd for a FMP

Developing a new long-term plan



Woodland Management Plan

Woodland Property Name			
Case Reference			
Plan Period dd/mm/yyyy (ten years)	Approval Date:	To:	
Five Year Review Date			

Revision No.	Date	Status (draft/final)	Reason for Revision
The landowner agrees this plan as a statement of intent for the woodlands			<input type="checkbox"/>

User Support

To maximise the functionality available:

- Connect to the internet;
- Enable macros as prompted;
- Where the text is blue and underlined additional information is available, hover over the text with your mouse and double click to open;
- Where you see the @ symbol, left click on either the symbol or the adjacent cell and press the F1 key for a further explanation of the detail required;
- Throughout the document where you see 'Add Box' double click on the text and additional boxes will appear.

Application for a Licence to Fell Trees

Ref No _____

Please complete in BLOCK CAPITALS

Please read the Application Notes before completing this Application for a Licence to Fell Trees

Part 1 – Applicant's details

- Full name of applicant:
- Status: owner/tenant/agent:
- Address:
Postcode:
Organisation:
- Tel: Mobile: Email:
- DARD Business ID:
- Agent's name:
Address:
Postcode:
Organisation: Position:
Tel: Mobile: Email:

Licence period

- Licence period
 - The licence period must be for a minimum period of 5 years
 - The start date of the licence period must be within 12 months of the date of your application
 - The application must only be for felling trees within the first 5 years of the licence period
 - The licence period should cover the time required to allow for the completion of re-establishment (this may be longer than 5 years from the start date)
 - The Department will require notification when re-establishment has been completed

Start date (MM/YYYY) End date (MM/YYYY)

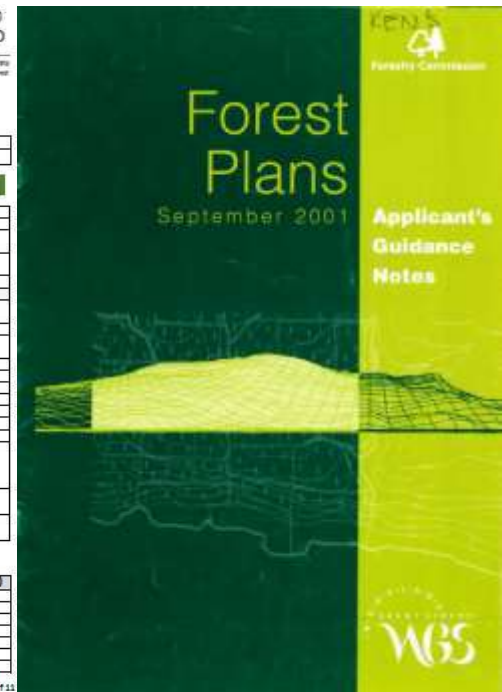
The above dates must correspond to the start date for felling at section 15 and the end date for re-establishment at section 17.

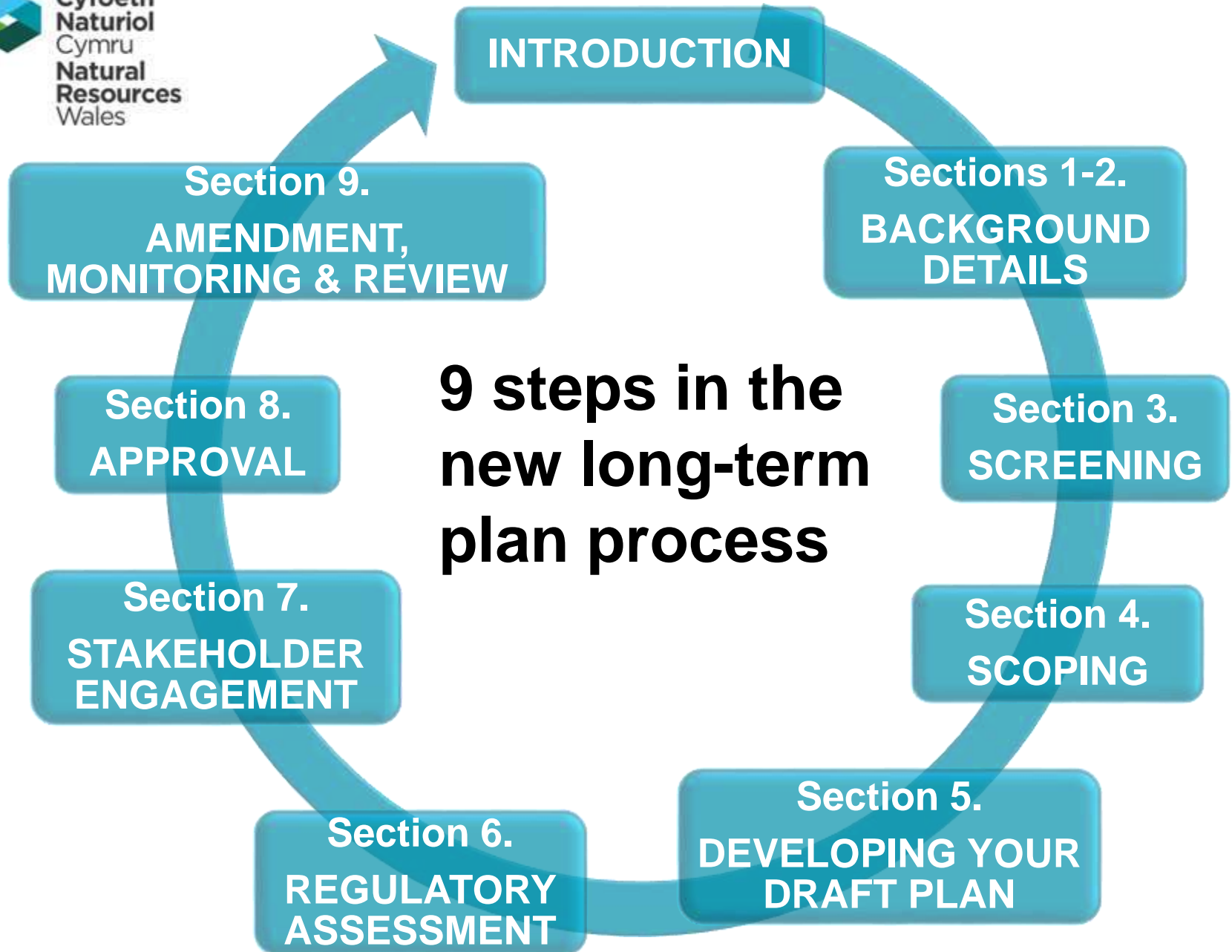
Glastir Woodland Creation Plan

Customer Reference Number (CRM)	
Expression of Interest (EOI) Reference number	

1. Property Details

New woodland property name		Status		Please select (Owner, tenant, manager)	
Site Reference Number (SRN)		Contact Name		Contact Number	
Email		Do you have management control of the land?		Yes No	
Management Planner		Agent Name and Company (if Applicable)		Contact Number	
Email		Has planner carried out a site visit?		Yes No	
Type of GWC planting mixture		Is this a GWC co-operative plan		Yes No	
Six-figure Grid Reference for GWC area		Do you intend to claim annual GWC maintenance payment?		Yes No	
Nearest town		Do you intend to claim annual GWC premium payment?		Yes No	
Local authority (new planting site)		New planting areas in the following designations (Hectares) – only fill in areas if known			
Is this a GWC co-operative plan		Designated Area		Area (ha)	
Yes No		Site of Special Scientific Interest (SSSI)/Proposed Site (PSSSI)			
Yes		SSSI with Nature Conservation Order (Section 29 of Wildlife and Countryside Act 1961)			
No		National Park			
No		World Heritage Site			
No		Scheduled Ancient Monument (SAM)			
No		Area of Outstanding Natural Beauty (AONB)			
No		Natural 2007 site (i.e. special areas of conservation or special protection areas)			





Forest management plan Application form

NEW/USE ONLY:

Case reference: Plan name:

Your application:

You should use this form where you wish to enter your entire forest management unit into a forest management plan. Once approved, your forest management plan will be used to authorise your thinning and felling proposals (which we will provide through a separate felling licence).

Your forest management plan will comprise five main parts:

- i. this application form
- ii. a work programme
- iii. maps
- iv. a land management agreement
- v. a felling licence certificate and an EU Timber Regulations due diligence form
- vi. you may also need to include supplementary forms and digital photographs with your application

The separate applicant's guidance contains more detail on each section of this form, tells you what help is available, and describes what happens once you submit your application.

The amount of information you provide should reflect the size, complexity and sensitivity of your forest management unit and the nature and scale of the operations you are proposing over the period of your plan.

*Forest management unit is defined on page 4 of the UK Forestry Standard as 'the area subject to a forest management plan or proposal'. This term is used throughout this application form. A link to the UKFS can be found in section 11 Sources of further advice.

1. About you

1a. Who will be named on the forest management plan?

Enter details of the main applicant, which is the person with an estate or interest in the land on which the trees are growing as defined by Section 10 of the Forestry Act 1957. If more than one applicant or if further organisation or company details need to be given then add these using a supplementary form, see section 10 Supplementary forms. If an organisation then say what type this is, and if a company then enter a director's name:

Title: Full name:

Organisation or company name (if appropriate):

Position within that organisation or company (if appropriate):

Applicant type: Owner reference (if required):

Your estate or interest in the land on which the trees are growing (select one): Owner Lessee Other legal authorisation

Natural Resources Wales' purpose is to pursue sustainable management of natural resources in all of its work. This means looking after air, land, water, wildlife, plants and soil to improve Wales' well-being, and provide a better future for everyone.

UTR: HM Revenue and Customs office address:

Employer reference: Date:

For reference:

Most people file online. It's fast and easy to do online. Get started by logging onto the HM Revenue and Customs website. You can also get help by calling 0300 200 3300. If you have any questions, you can also get help by calling 0300 200 3300. If you have any questions, you can also get help by calling 0300 200 3300.

Starting your tax return

Before you start to fill it in, look through your tax return to make sure there is a section for all your income and claims you may need some separate supporting pages (see page 7) and the Tax Return notes.

Your personal details

Your date of birth - helps on your tax return (date: mm/yy)

Your phone number:

Your name and address - if it's different from what is on the form, fill in the details on the separate supporting pages (see page 7) and the Tax Return notes.

Your National Insurance number - some forms of the form need to know this (number:

A forest management plan is a strategic long-term plan for the sustainable management of natural resources which forests or woodlands are a part of. It is a key part of the planning process for the future of your woodland.

The following steps are the main stages of the applicant's process. Each step has a description box. For more information see the 'Applicant's Guidance' which contains more detail on each section of this form, tells you what help is available, and describes what happens once you submit your application.

1. Apply for a plan
2. Receive a plan
3. Implement the plan
4. Review and update your plan

Notes

1. When you apply for a plan, you will need to provide a 'felling licence'.

2. When you apply for a plan, you will need to provide a 'felling licence'.

3. When you apply for a plan, you will need to provide a 'felling licence'.

4. When you apply for a plan, you will need to provide a 'felling licence'.

2b. Description of your forest management unit

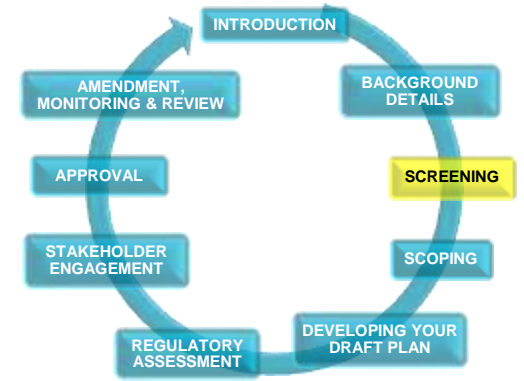
Coed Bach is a small 17.8ha woodland but is well-stocked with productive tree species and has potential for diversification due to its range of soil-types, low-lying altitude and equitable micro-climate. There is a small area of PAWS in the southeast corner which has been assessed as having good potential restorability. A stream runs through the centre of the woodland and is crossed by a bridge that will carry a 44 tonne GVW timber lorry. The woodland is not particularly prominent in the landscape and there are no neighbour issues.

2c. History of management

The woodland has been regularly thinned to management table intensities and all compartments are fully stocked. An area of ancient woodland in the southeast corner was felled and restocked with conifers in the 1960s but there are still some old broadleaved remnants.

4a. Your vision

Continue to manage for timber production, restock any areas of conifers felled with further conifer species. Diversify the species planted so not overly reliant on one or two productive species. Restore the small area of PAWS in southeastern corner to improve the overall biodiversity of the wood.



Section 3: SCREENING

3a. Recording what you have found from your screening

3. Screening your forest management unit

3a. Area constraints (Sites of Special Scientific Interest, Special Areas of Conservation etc)

Designation	Name	Areas affected	Action to be taken
Select an item			
Select an item			
Select an item			

Use the space below to describe anything further from the above table; or continue on a separate sheet; or complete the supplementary form *Additional Constraints*, see **section 10 Supplementary forms**:

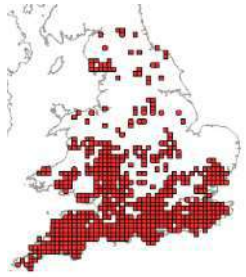
Natura 2000 sites in Wales

**Habitats Regulations
Assessments are
required**

**...and possibly
Appropriate
Assessments too**



European and other protected species in woodland



all 17 species of bat



badger



bat habitat



otter

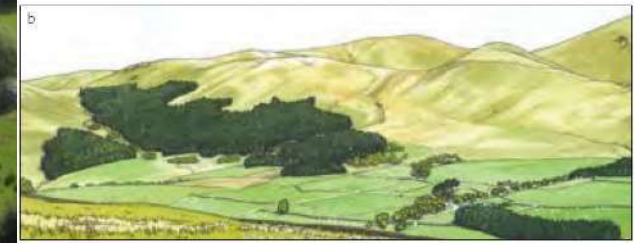


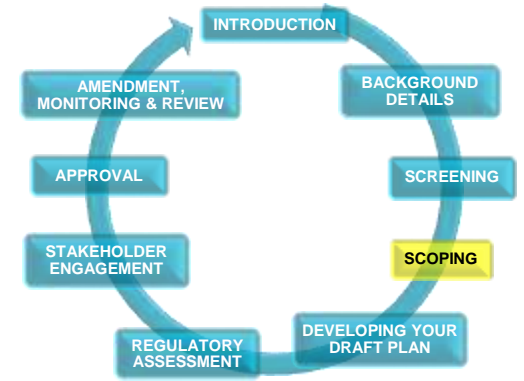
dormouse



GCN, sand lizard,
natterjack toad

National parks, AoNBs, designated landscapes





Section 4: SCOPING

Setting out your vision and your objectives of management

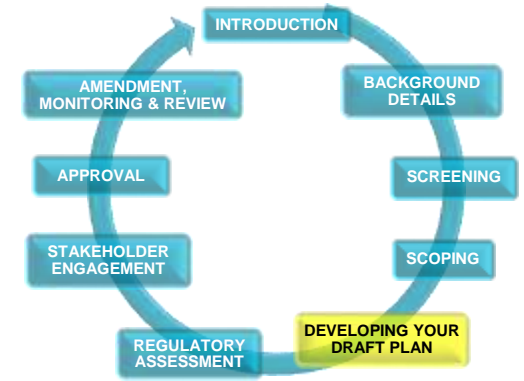


4a. Your vision

Continue to manage for timber production, restock any areas of conifers felled with further conifer species
 Diversify the species planted so not overly reliant on one or two productive species
 Restore the small area of PAWS in southeastern corner to improve the overall biodiversity of the wood.

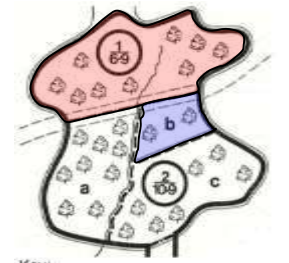
4b. Your management objectives

No.	Management Intention	Measure of Success
i	Production: Continue to manage this productive woodland for its coniferous timber potential.	Production: Clearfell the 6.9ha and thin the 2.2ha subcompartments identified in the work programme, and restock the 6.9ha area as indicated.
ii	Disease control: Increase tree and structural diversity and remove the larch component as a precaution against larch disease.	Disease control: Selectively thin to remove the larch from subcompartment 2b, which will also remove all of the larch from the whole woodland. The larch is sufficiently evenly-spaced so that its removal will not affect overall stocking.
iii	Biodiversity: Restore the small area of PAWS in the southeastern corner of the woodland by removing some of the shade-bearing shrub layer.	Biodiversity: The initial measure of success will be the removal of the shrub layer, and we should hopefully see some ancient woodland ground flora too in the spring.



Section 5: DEVELOPING YOUR DRAFT FOREST MANAGEMENT PLAN

Developing your draft forest management plan (cont.)



Key
 1 = Compartment number
 a = Sub-compartment letter
 6.9 = Area of compartment (hectares)

5a. Summary of your work programme (of thinning, felling and restocking)

Activity	Area (hectares)	Any comments
Thinning	2.2	
Other felling	6.9	
Restocking	6.9	
Other		

5b. Maps accompanying your application*

Type of map	Yes	Number	Any comments
i. Location map (Map 1):	<input checked="" type="checkbox"/>		
ii. Constraints and Opportunities map:	<input type="checkbox"/>		
iii. Thinning and felling map:	<input checked="" type="checkbox"/>		
iv. Restocking map:	<input checked="" type="checkbox"/>		
v. Any other map (please specify):	<input type="checkbox"/>		

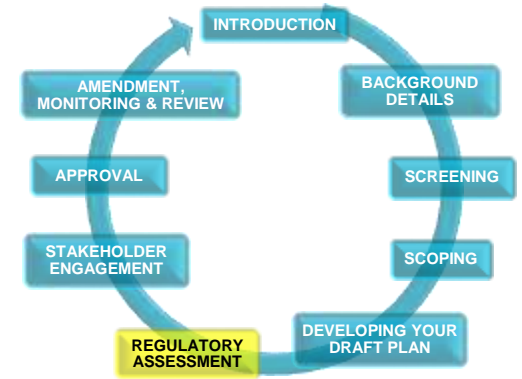
*Maps to be signed and dated by or on behalf of the person with a legal interest in the land on which the trees are growing.

Developing your draft plan (cont.)

5c. UKFS requirements

Comment on the following UK Forestry Standard *Good forestry practice requirements* (GFP✓s)† where relevant to your forest management plan and not included elsewhere in this application:

UKFS requirement	Yes	Any comments
GFP✓11: In designated areas take particular account of landscape and other sensitivities	<input type="checkbox"/>	
GFP✓12: At time of felling and restocking reassess the design and make any necessary changes	<input type="checkbox"/>	
GFP✓14: Design to achieve a diverse structure appropriate to scale	<input checked="" type="checkbox"/>	
GFP✓15: If lack of diversity then progressively restructure to achieve a range of age-classes	<input type="checkbox"/>	
GFP✓16: Plan and manage to mitigate risks from climate change or attack by pests and diseases	<input checked="" type="checkbox"/>	
GFP✓18: Areas of new woodland should maintain or enhance the character of the landscape	<input type="checkbox"/>	
Bio34: Protect remnant features of ancient woodland and consider progressive restoration	<input checked="" type="checkbox"/>	
Water✓11: Assess the effects of planting in failing acid sensitive catchments	<input type="checkbox"/>	



Section 6: REGULATORY ASSESSMENT

Exemptions from the need for a felling licence

6. Regulatory assessments

6a. Exemptions to the need for a felling licence

Enter details of any tree felling you intend to carry out in your *forest management unit* under a statutory exemption or which may require further permission:



EIA (Forestry) screening as a first step



EIA (Forestry) screening and scoping

Screening – Schedule 2 of the regulations

Forestry Project	National Park or AonB		Other sensitive area* (SSSIs, SACs etc)		All other locations		Likely Significant Effect (Yes/No)
	Threshold	Over Threshold (Yes)	Threshold	Over Threshold (Yes)	Threshold	Over Threshold (Yes)	
i. Afforestation	2 ha	<input type="checkbox"/>	0 ha	<input type="checkbox"/>	5 ha	<input type="checkbox"/>	Select
ii. Deforestation	0.5 ha	<input type="checkbox"/>	0 ha	<input type="checkbox"/>	1 ha	<input type="checkbox"/>	Select
iii. Forest road works	0 ha	<input type="checkbox"/>	0 ha	<input type="checkbox"/>	1 ha	<input type="checkbox"/>	Select
iv. Forest quarry works	0 ha	<input type="checkbox"/>	0 ha	<input type="checkbox"/>	1 ha	<input type="checkbox"/>	Select

*Sensitive areas as listed in Schedule 2 of the *Environmental Impact Assessment (Forestry)(England and Wales) Regulations 1999*

Scoping – Schedule 3 of the regulations

- **Characteristics**
- **Location**
- **Potential impacts**

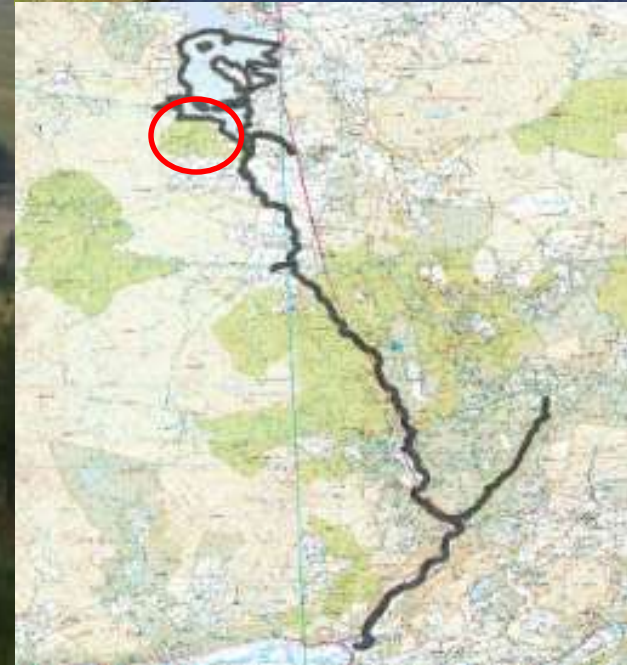
Habitats Regulations Assessment

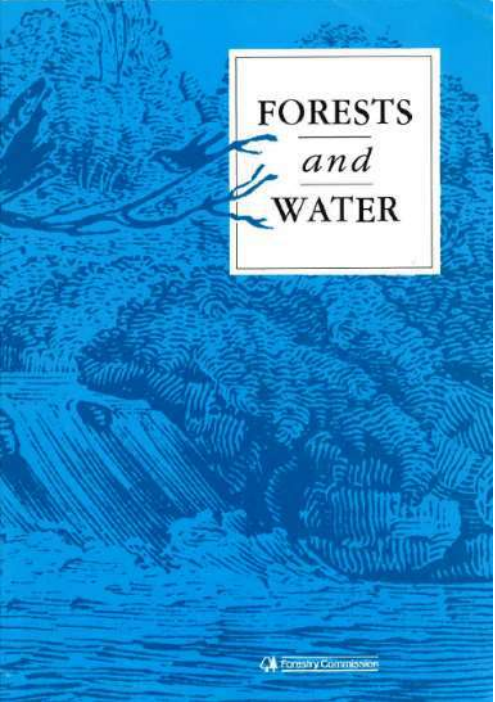
6c. Habitats regulations assessment (HRA)

Carry out an initial HRA screening of your proposed forestry projects. Continue on a separate sheet if necessary or complete the supplementary form *Habitats Regulations Assessment*, see **section 10**
Supplementary forms:



Afon Eden - Cors Goch Trawsfynydd SAC





What's required for an HRA?

Screening

- Is the project **likely** to have a **significant** effect on an N2K site?
likely = cannot be ruled out (not the usual meaning of 'likely')
significant = undermine the N2K site's **conservation objectives**

Appropriate assessment

- Identify potential **impacts** on N2K features (conservation objectives)
- Can we conclude that the project will **not** adversely affect **site integrity**? ...if necessary subject to **additional** conditions/restrictions

Roles and responsibilities

- **Applicant** required to provide the necessary information for the HRA
- Responsibility for the HRA is with NRW Permitting (the **competent authority**), taking on board any **nature conservation advice**



Otter holt



Otter resting place



River Dee, Clwyd

Track

Potential resting place – signs of historical use; not currently used

Potential holt – no signs of use

Resting place – signs of current use

Otter spraint – old

Potential resting place – no signs of use

River Dee

Crafnant Valley, Gwydyr Forest, Gwynedd



What are ‘European protected species’?

Habitats Directive 92/43/EEC – 1992

- Article 2.2 specifically states that the Directive is designed to maintain or restore the Favourable Conservation Status of European habitats and species
- Article 12 requires establishment of ‘system of strict protection’ for animals in Annex IV

Transposed into domestic legislation by **The Conservation of Habitats & Species Regulations 2017**

The Conservation of Habitats & Species Regulations 2017

Regulation 43(1): a person is guilty of an offence if:

(a) deliberately captures, injures or kills any wild animal of a European protected species

(b) deliberately disturbs wild animals of any such species

(disturbance includes that which is likely to impair ability to survive, breed/reproduce, rear/nurture young or hibernate; and to affect significantly the local distribution or abundance of the species)

(c) deliberately takes or destroys the eggs of such an animal

(d) damages or destroys a breeding site or resting place of such an animal

NB no 'deliberately' with (d), it's an absolute offence, even when the animal is not present

The other offences [(a)-(c)] are when caused deliberately, but wider than just intentional and may include an element of recklessness

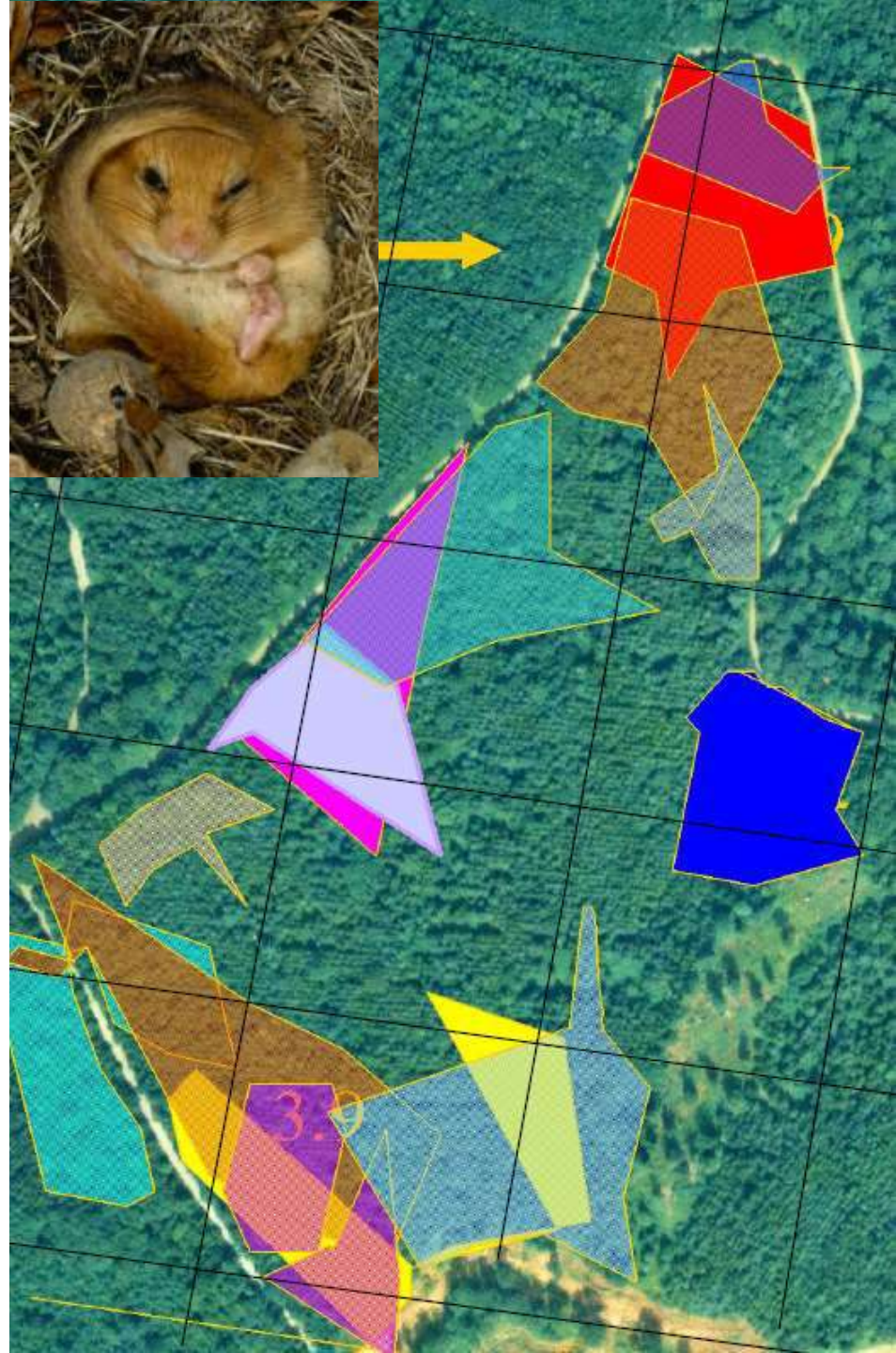
Regulation 55 permits licences to avoid offences

...but a licence can only be issued if:

- it meets one of the defined purposes
(2(e) preserving public health or public safety or other imperative reasons of overriding public interest including those of a social or economic nature and beneficial consequences of primary importance for the environment)
- there's no satisfactory alternative
(why is the action necessary and consider alternatives)
- the action will not be detrimental to maintenance of the population of the species at a **favourable conservation status*** in [its] natural range

***FSC** is assessed by NRW, taking into account the impacts on the species' abundance, its population dynamics, its range, and its habitat distribution

Radio-tracked ranges of 12 dormouse in conifer plantation



.....dormice hibernating...			pre-breeding		main dormouse breeding period			active and gaining weight		...dormice hibernating ...	
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

...so when is a licence needed?

The Conservation (Natural Habitats, &c.) Regs 1994

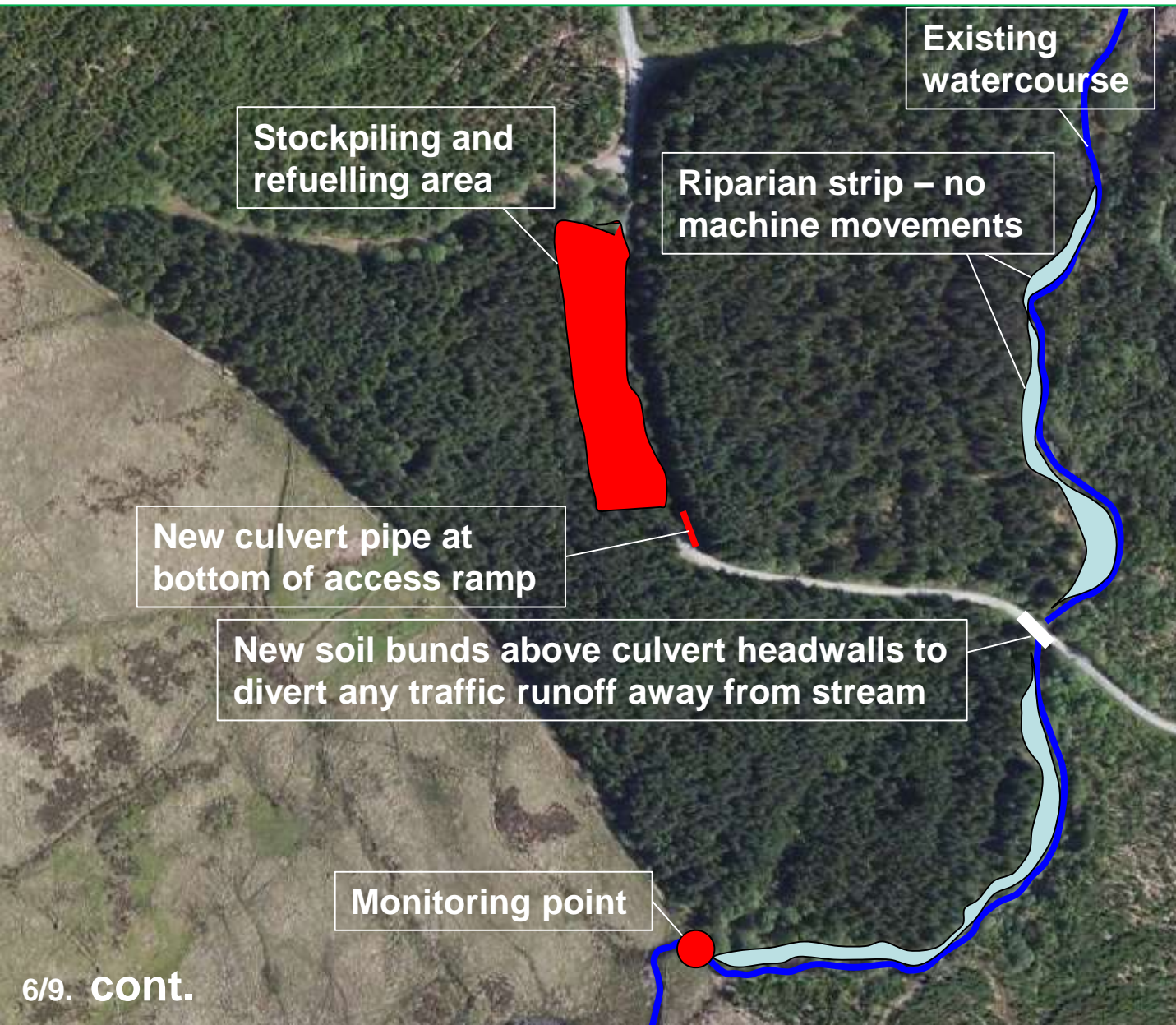
Not guilty of an offence if “incidental result of a lawful operation that could not reasonably be avoided” – Removed in the 2010 Regs

Programme of Works licences

- Being developed as alternative to licensing each individual forest operation
- Utilises a toolkit approach

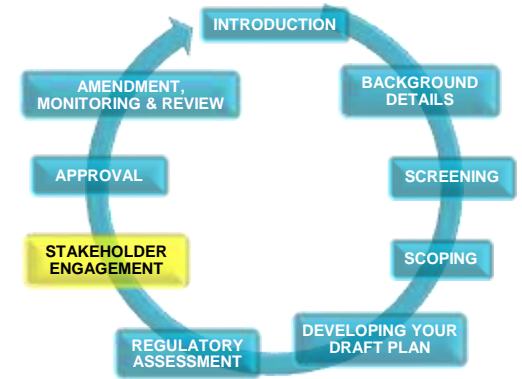


Water management plan



Record planning decisions where watercourses are involved:

- **Water supplies**
- **Monitoring**
- **Incident response plan**
- **Mitigation**



Section 7: STAKEHOLDER ENGAGEMENT

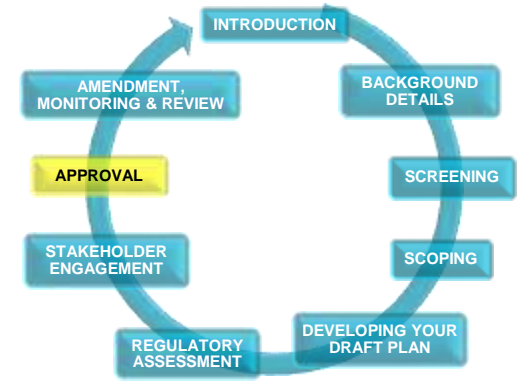
Stakeholder engagement

Organisation or Individual	Date received	Comments	Response or Action

UKFS: Consider engaging with the local community by seeking their views, developing proposals that are responsive to them and building co-operative partnerships.



Doddington Moor, Northumberland
Photo credit: *Confor*, used with permission



Section 8: APPROVAL

Checklist of forms submitted (c.f. HMRC)

Component	Yes	Number	Any comments
i. Application form:	<input checked="" type="checkbox"/>		
ii. Work programme:	<input checked="" type="checkbox"/>		
iii. Maps (various, see 5b):	<input checked="" type="checkbox"/>		
iv. Digital photos:	<input type="checkbox"/>		
v. Other (please specify):	<input type="checkbox"/>		

Supplementary form	Yes	Number	Supplementary form	Yes	Number
a. Determining the Suitability of Other Plans:	<input type="checkbox"/>		i. Habitats Regulations Assessment (HRA)	<input checked="" type="checkbox"/>	
b. Additional Ownership Details:	<input type="checkbox"/>		j. European Protected Species:	<input checked="" type="checkbox"/>	
c. Owner-Agent Consent:	<input checked="" type="checkbox"/>		k. Other Protected Species:	<input type="checkbox"/>	
d. Additional Constraints:	<input type="checkbox"/>		l. Water Management Plan:	<input checked="" type="checkbox"/>	
e. Management Objectives, Monitoring and Evaluation:	<input type="checkbox"/>		m. Stakeholder Consultation:	<input type="checkbox"/>	
f. Work Programme Summary and Plan Review:	<input type="checkbox"/>		n. Restorable Deep Peat:	<input type="checkbox"/>	
g. UK Forestry Standard (UKFS) Requirements:	<input checked="" type="checkbox"/>		o. Plantation on an Ancient Woodland Site (PAWS):	<input checked="" type="checkbox"/>	
h. Environmental Impact Assessment (EIA):	<input type="checkbox"/>		p. Failing Acid Sensitive Catchment:	<input type="checkbox"/>	

Owner-agent consent

Declaration for an agent to act on behalf of the owner or lessee:

- I authorise my agent named in **(c)** above to sign my land management agreement for this application only:

Address to direct correspondence: Agent Owner/Lessee Other (details below)

Means of communication (tick all that apply): Post Email Other (details below)

Authorisation (sign or insert signature):

Your approved plan will comprise....

- **Schedule 1:** your forest management plan application form
- **Schedule 2:** your work programme
- **Schedule 3:** your maps (including Map 1 showing the extent of your forest management unit)
- **Schedule 4:** a land management agreement
- **Schedule 5:** a felling licence certificate and an EU Timber Regulations due diligence form
- **Schedule 6:** any supplementary forms and digital photographs submitted with your application



Cyfoeth Naturiol Cymru
Natural Resources Wales

Certificate of Approval for Tree Felling

This is to certify that the felling of growing trees under Forest Management Plan ref: 050/100/18-19 has been approved by Natural Resources Wales as being in accordance with the Welsh Government's policies for the sustainable management of a natural resource.

This certificate is issued under Part II of the Forestry Act 1967 as amended, and authorises the felling of the growing trees identified in the work programme for the above Forest Management Plan.

Signed: _____
 Date: _____

EU Timber Regulation: Due Diligence for Timber Grown in Great Britain

The document is intended to help meet the obligations placed on 'operators' as defined under EU Timber Regulation (No 995/2010). To undertake a risk assessment, it outlines the risk factors associated with timber grown in Great Britain (see question 1). The details of the timber species, volume etc. are taken on the felling licence based on the work programme plan or in the absence of these on a separate sheet.

Endorsement of Lawful Harvesting

1. Felling licence, grant reference, statutory plant	Date approved
Forest Management Plan ref: 050/100/18-19	18 Apr 2018

Signed: _____
 For: Natural Resources Wales

2. The location of felling licence or management plan

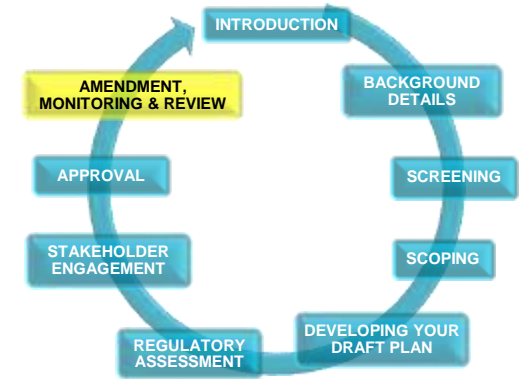
Please attach a separate sheet with details of the location and columns where the timber came from.
 Name & address of subcontracted worker.
 Reason the timber does not derive from an approved felling licence or management plan.

Consignments: If the timber is independently certified under the certificate number: _____

Additional Risk Factors: If there are any factors (not covered overall) that indicate a risk that the timber could be illegally harvested, enter these below with an indication of how that risk has been mitigated. Continue on a separate sheet if necessary.

A. Factor	Means of Mitigation

Declaration by the operator: I declare that the timber referred to above is grown in Great Britain. I have identified any additional risk factors and the action taken to mitigate that risk, and I have no reason to believe that there are further risks of the timber being illegal.
 Signed: _____
 Date: _____



Section 9: AMENDMENT, MONITORING AND REVIEW

Can restocking conditions be changed?

A forest management plan can consider the following:

- do the proposed changes reasonably meet the aims of the original condition?
- would these proposals have been acceptable when the forest management plan was originally approved?
- if restocking has already taken place is this acceptable under UKFS and *Woodlands for Wales*?
- do the proposed changes accord with the owner's vision and management objectives for their woodland?

Plan review at Year 5

Monitoring your measures of success

Updated area approved summary at Year 5

9c. Plan review

Activity	Area approved	Area worked YEAR 5	Explanation of any divergence from your work programme
Thinning	2.2	2.2	
Other felling	6.9	6.9	
Restocking	6.9	6.9	
Other			

c.f. earlier 'area approved summary' at Year 0 (Section 5)

5a. Summary of your work programme (of thinning, felling and restocking)

Activity	Area (hectares)	Any comments
Thinning	2.2	
Other felling	6.9	
Restocking	6.9	
Other		

Can also update the work programme if this helps

Compartment	Species	P-Year	Area (ha)	MID-TERM RETURN	Proposed Activities	Proposed Year	Additional species (and %) [REQUIRED FOR EUTR]	Estimated Vol (m3) [EUTR]	Proposed Restocking	Proposed Year	Species (and %age) For FELLING list each main species (& %age). MC or MB can be used where <20%	Area (ha)	Density (stems/ha)	% Nat Regen
1	SS	1960	6.9	6.9	CF	2020	SS 100%	2400	RP	2022	SS 60% SP 20% MB 10% OG 10%	6.9	2500	0
2a			4.5											
2b	SP/JL	1960	2.2	2.2	T	2020	SS 80% JL 20%	90						
2c			4.2											

Plan review at Year 5: Monitoring your measures of success

Update your Measures of Success

9b.ii. Monitoring your measures of success

No.	Measure of Success	Measure of Success UPDATE
i	Production: Clearfell the 6.9ha and thin the 2.2ha subcompartments identified in the work programme, and restock the 6.9ha area as indicated	Year 5 UPDATE: Both of these areas have been harvested and Compartment 1 is now restocked in line with the approved work programme.
ii	Disease control: Selectively thin to remove the larch from subcompartment 2b, which will also remove all of the larch from the whole woodland. The larch is sufficiently evenly-spaced so that its removal will not affect overall stocking	Year 5 UPDATE: All larch has now been removed from Subcompartment 2b (and from the whole wood).
iii	Biodiversity: The initial measure of success will be the removal of the shrub layer, and we should hopefully see some ancient woodland ground flora too in the spring.	Year 5 UPDATE: The shrub layer was removed in Year 1 of the plan, and two springs later there was a noticeable increase in the amount of woodland flora.

c.f. earlier Table 4b 'your management objectives' Year 0

4b. Your management objectives

No.	Management intention	Measure of Success
i	Production: Continue to manage this productive woodland for its coniferous timber potential.	Production: Clearfell the 6.9ha and thin the 2.2ha subcompartments identified in the work programme, and restock the 6.9ha area as indicated.
ii	Disease control: Increase tree and structural diversity and remove the larch component as a precaution against larch disease.	Disease control: Selectively thin to remove the larch from subcompartment 2b, which will also remove all of the larch from the whole woodland. The larch is sufficiently evenly-spaced so that its removal will not affect overall stocking.
iii	Biodiversity: Restore the small area of PAWS in the southeastern corner of the woodland by removing some of the shade-bearing shrub layer	Biodiversity: The initial measure of success will be the removal of the shrub layer, and we should hopefully see some ancient woodland ground flora too in the spring.

