



Irish Forestry Unit Trust

Mackina MU
Balingarry, Co. Tipperary
MANAGEMENT PLAN
2009 – 2028
(Period 4: 2021 -2025)

2. GENERAL INTRODUCTION, OWNERSHIP AND LANDUSE HISTORY.

Mackina Forest MU comprises of 2 separate forest blocks totalling 92.59ha.

Neighbouring land use is improved agricultural pasture

Forest properties being reviewed:

1. Mackina, 60.8ha. The first rotation crop was completely felled in 2002 with significant areas of broadleaf's retained throughout the site. The second rotation has sent a greater increase in conifer diversity with, SS, NS in pure and intimate mixtures. Most likely former estate woodlands of neighbouring Harleypark House. This was initially established by [REDACTED].

New property being added to the MU:

2. Kylaglass, 31.79ha. Established in 1995.

Referral to all relevant consultation bodies will take place as appropriate.

All future applications will be advertised locally with a site notice giving details where to assess further information and advertised on the departments website.

4. SOIL TYPES.

The main areas of Mackina FMU are Deep well drained mineral. Derived from mainly non-calcareous parent materials. Soil Group - Acid Brown Earths, Brown Podzolics while the SE part is poorly drained Soil Group - Surface water Gleys, Ground water Gley. Kylaglass is made up of the same soil types.

5. SUMMARY OF THE LANDSCAPE VALUE OF THE FOREST.

Low Felling Impact with Low Afforestation Sensitivity - Refer to Map 3.

Low Felling Impact with Low Afforestation Sensitivity - Refer to Map 3. Forest located on a gently flat low lying landscape with no significant view points or elevated positions.

General locality sparsely populated reducing the potential impact of the forest. Forest close to R691 but no significant viewpoints or landscape impact at present or in foreseeable future caused by forest operations. No serious issues to be addressed by either Felling Plan (Map5) or Restock design (Map7).

6. MANAGEMENT OBJECTIVES.

- 1) To maximise economic output from the forest at local and national level.
- 2) To manage FMU in accordance with the principals of the Forest Stewardship Council® (FSC®) and international benchmarks of the Programme for the Endorsement of Forest Certification Schemes (PEFC).
- 3) To manage timber production in a sustainable way.
- 4) To maintain and enhance the landscape value of the forest.
- 5) To protect existing biodiversity and where opportunities arise enhance and further promote new biodiversity.
- 6) To manage forest activities with due regard to local, regional and national stakeholder interests.
- 7) To promote continuous professional development at management level.

(IForUTs FSC licence code: FSC-C003194)

16. Felling.

System	Conifers	Broadleaves
Clear fell	✓	
Selective fell		
Thinning to MTI	✓	
Line thinning only		
Non thin regime	✓	
Non intervention		✓
Natural regeneration		✓
Replanting	✓	
Other		

20. 5 Year Monitoring Report Summary. Mackina

	Objective	Was it achieved?	How this information was applied to 5 year Management Plan review?
1	Economic Return	Some parts 25F-7 AND 26A-2 were thinned early. Clearfell years brought forward a little.	No significant changes to plan for next five-year period. Access issue must be addressed before clear-felling can commence
2	FSC Standards	FSC standards and IForUT systems applied over plan period. Managers working off FMM	Continue as before and update FMM as required.
3	Timber production	Last thinning in 2016 and further thinning's planned for 2022.	Majority will undergo thinning in 2022. Clear-fells won't be scheduled until 2030 in the stronger sections of the property and 2038 and 2045 thereafter.
4	Landscape	Two new landscape layers added to designations GIS layer. Forest Service layer taken off National Development plan for new planting and Landscape Unit appraisals based on Coillte LUs.	New landscape Map added to MP. New felling coupe design added to MP which keeps coupes separated. Classified as having low landscape sensitivity..
5	Biodiversity Enhancement	Existing biodiversity is quite good, a lot of broadleaves across the site, approx. 28% NRB at present	Restructuring plan Map7 addresses biodiversity requirements. A lot of broadleaf/scrub across the site. Maintain management practices.

6	Stakeholder	Forest has low level local stakeholder relationships.	During plan review, conducted a more comprehensive stakeholder consultation has been completed. Local Newspaper/ forest site notices/ local community groups and local statutory bodies consulted. See stakeholder folder. Consultation over access is ongoing
7	Professional Development	managed.	Retendering of whole portfolio into regional management units in 2010 to simplify overall forest level management and FSC compliance. New centralised network server is being used for managing FMM and IForUT database.
8	Forward Planning	Continue with current standards and work practices and review on a continuous basis to implement industry best practice.	Carry out annual reviews of Forest Management Manual and introduce annual manager training and updating of best practice.