



Coillte Teoranta

Forest Management Plan

Dunari

CN08

2006 to 2010

District Manager

District

PJ Fitzpatrick

N3



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Introduction

Forest: CN08 Dunari
District: N3 District Manager PJ Fitzpatrick

Dunari forest is situated in east Co. Cavan. The topography of the forest is mainly low lying land. Dunari Forest Park is situated outside Kingscourt on the road between Shercock and Carrickmaross.

The main soil type in Dunari are gleys.

The main towns and villages located in the catchment area of Dunari forest are Kingscourt.

The management focus for the forest is concerned with timber production and biodiversity management primarily. The long term aim of the forest is to continue with timber production, enhance old woodland sites, restructure large blocks of forestry in accordance with the Landscape design plan and follow ecological plans for selected sites.

Over 66 ha is due for clearfell with an annual average of 17 ha over the plan period.

The expected timber production is estimated to be 17,967 m³ over the plan period with an annual average of 3,593 m³.

Over 93%, or 80 ha, of the 'conifer high forest' in Dunari forest is due to be thinned. The majority of Dunari forest will receive a standard cycle of thinnings.

The forest contains 6 and 0 experiment plots. Proposed SPs (if any) containing either seedstands or experiment plots will be marked SD or EX as appropriate in tables 2.6 and 2.7



Table 1 Area by Objective

<u>OBJECTIVE</u>	<u>AREA (ha)</u>	<u>%</u>
Timber Production	109.1	48.5%
Biodiversity	104.1	46.3%
Non-forest Commercial	0.2	0.1%
Seed Stand	11.6	5.2%
Total	225.0	100.0%



Table 2 Area by Special Consideration

Forest:	CN08	Dunari	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
High Landscape Sensitivity		9.3	4.1%
None		54.4	24.2%
Old Woodland Site		131.5	58.4%
Other Financial Partner		7.1	3.2%
Potential Sale		0.2	0.1%
Recreation Site		22.5	10.0%
Total		225.0	100.0%



Table 3 Area by Fell Year

Forest: CN08

Dunari

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	25.7	
2007	1.8	
2008	32.0	
2009	0.0	
<u>5 Year Total and Average</u>	<u>59.6</u>	<u>8.51</u>
2010	10.0	
2011	41.7	
2012	0.7	
2013	7.1	
2014	10.1	
<u>5 Year Total and Average</u>	<u>69.6</u>	<u>6.96</u>
2015	0.0	
2016	0.0	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	0.0	
2018	5.9	
2019	7.0	
<u>5 Year Total and Average</u>	<u>12.8</u>	<u>1.83</u>
2020	8.5	
2021	14.2	
2022	0.0	
2023	5.5	
<u>5 Year Total and Average</u>	<u>28.3</u>	<u>4.04</u>

Table 4 Area by Species Group

Forest:	CN08	Dunari	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	0.2	0.1
	ASH	16.6	7.8
	BE	8.7	4.1
	BI	0.5	0.2
	DF	20.6	9.7
	FIR	3.9	1.8
	LAR	3.3	1.5
	NS	88.1	41.4
	OAK	39.6	18.6
	OB	17.9	8.4
	OC	0.7	0.3
	OP	4.0	1.9
	SS	5.4	2.6
	WRC	3.5	1.6
		213.0	100.0



Table 5 Listing of Restocking MUs

Forest: CN08 Dunari

2006																			
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)									Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI				
1	CN08-1	Biodiversity	None	15.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	CN08-2	Seed Stand	None	10.0	0.5	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total MU Area				25.7															
2007																			
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)									Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI				
41	CN08-2	Timber Production	Old Woodland Si	1.8	0.2	0.8	0.0	0.3	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.2	
Total MU Area				1.8															
2008																			
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)									Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI				
6	CN08-1	Biodiversity	None	6.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	
7	CN08-1	Timber Production	Old Woodland Si	18.0	1.8	0.0	0.0	0.0	11.3	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	
39	CN08-2	Timber Production	Old Woodland Si	7.2	0.7	3.2	0.0	1.3	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.6	
Total MU Area				32.0															



2010		Objective	Special Considerations	MU Area (ha)	Area (ha)												
MU	Map Cutting				Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
35	CN08-2	Timber Production	Old Woodland Si	10.0	1.0	4.5	0.0	0.0	0.0	0.0	0.0	1.8	0.0	1.8	0.0	0.0	0.9
Total MU Area				10.0													

