



Coillte Teoranta

# Forest Management Plan

Portlaoise

LS12

2006 to 2010

District Manager

District

Richard Whelan

E3



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# Introduction

Forest: LS12

Portlaoise

District: E3

District Manager

Richard Whelan

Portlaoise forest is situated in Mid Laois

The main soil type in Portlaoise are Peat over mineral soil

The main towns and villages located in the catchment area of Portlaoise forest are Portlaoise, Mountmellick, Ballyroan

The management focus for the forest is concerned with Manage Timber production + Biodiversity

Long Term Goal is: Manage timber production + Biodiversity to achieve economic, social + environmental objectives

The forest contains 7 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	562.0	86.4%
Biodiversity	83.8	12.9%
Recreation	4.4	0.7%
<b>Total</b>	<b>650.2</b>	<b>100.0%</b>



**Table 2 Area by Special Consideration**

<b>Forest:</b>	<b>LS12</b>	<b>Portlaoise</b>	
<b><u>SPECIAL CONSIDERATION</u></b>		<b><u>AREA (ha)</u></b>	<b><u>%</u></b>
None		650.2	100.0%
<b>Total</b>		<b>650.2</b>	<b>100.0%</b>



**Table 3 Area by Fell Year**

**Forest:** LS12

Portlaoise

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	30.8	
2007	16.4	
2008	14.9	
2009	13.0	
<b><u>5 Year Total and Average</u></b>	<b><u>75.1</u></b>	<b><u>9.39</u></b>
2010	32.2	
2011	25.9	
2012	16.3	
2013	6.8	
2014	6.0	
<b><u>5 Year Total and Average</u></b>	<b><u>87.2</u></b>	<b><u>8.72</u></b>
2015	0.0	
2016	22.7	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	6.4	
2018	0.0	
2019	0.0	
<b><u>5 Year Total and Average</u></b>	<b><u>29.1</u></b>	<b><u>4.15</u></b>
2020	0.0	
2021	0.0	
2022	4.7	
2023	30.0	
<b><u>5 Year Total and Average</u></b>	<b><u>34.7</u></b>	<b><u>5.79</u></b>

Table 4 Area by Species Group

Forest:	LS12	Portlaoise	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	8.8	1.5
	ASH	29.2	4.9
	BE	58.9	9.9
	BI	51.4	8.7
	DF	14.6	2.5
	FIR	4.0	0.7
	LAR	3.2	0.5
	LP	47.9	8.1
	NS	108.1	18.2
	OAK	7.2	1.2
	OB	19.1	3.2
	OC	1.2	0.2
	OP	36.5	6.2
	SS	200.2	33.7
	WRC	3.4	0.6
		<b>593.6</b>	<b>100.0</b>



**Table 5 Listing of Restocking MUs**

Forest: LS12

Portlaoise

<b>2006</b>																			
<b>MU</b>	<b>Map Cutting</b>	<b>Objective</b>	<b>Special Considerations</b>	<b>MU Area (ha)</b>	<b>Open</b>	<b>Spruce</b>	<b>LP</b>	<b>SP</b>	<b>Area (ha)</b>									<b>Ald</b>	<b>OB</b>
									<b>LAR</b>	<b>FIR</b>	<b>OC</b>	<b>Oak</b>	<b>BE</b>	<b>Ash</b>	<b>BI</b>				
1	LS12-1	Timber Production	None	2.0	0.3	1.4	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0		
36	LS12-7	Timber Production	None	23.7	3.6	14.1	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0		
37	LS12-7	Timber Production	None	5.1	0.8	3.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0		
<b>Total MU Area</b>				<b>30.8</b>															
<b>2007</b>																			
<b>MU</b>	<b>Map Cutting</b>	<b>Objective</b>	<b>Special Considerations</b>	<b>MU Area (ha)</b>	<b>Open</b>	<b>Spruce</b>	<b>LP</b>	<b>SP</b>	<b>Area (ha)</b>									<b>Ald</b>	<b>OB</b>
									<b>LAR</b>	<b>FIR</b>	<b>OC</b>	<b>Oak</b>	<b>BE</b>	<b>Ash</b>	<b>BI</b>				
38	LS12-7	Timber Production	None	16.4	2.5	0.0	0.0	0.0	3.5	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
<b>Total MU Area</b>				<b>16.4</b>															
<b>2008</b>																			
<b>MU</b>	<b>Map Cutting</b>	<b>Objective</b>	<b>Special Considerations</b>	<b>MU Area (ha)</b>	<b>Open</b>	<b>Spruce</b>	<b>LP</b>	<b>SP</b>	<b>Area (ha)</b>									<b>Ald</b>	<b>OB</b>
									<b>LAR</b>	<b>FIR</b>	<b>OC</b>	<b>Oak</b>	<b>BE</b>	<b>Ash</b>	<b>BI</b>				
41	LS12-3	Timber Production	None	14.9	2.2	8.9	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0		
<b>Total MU Area</b>				<b>14.9</b>															
<b>2009</b>																			
<b>MU</b>	<b>Map Cutting</b>	<b>Objective</b>	<b>Special Considerations</b>	<b>MU Area (ha)</b>	<b>Open</b>	<b>Spruce</b>	<b>LP</b>	<b>SP</b>	<b>Area (ha)</b>									<b>Ald</b>	<b>OB</b>
									<b>LAR</b>	<b>FIR</b>	<b>OC</b>	<b>Oak</b>	<b>BE</b>	<b>Ash</b>	<b>BI</b>				



39	LS12-3	Timber Production	None	10.2	1.5	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0
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46	LS12-6	Timber Production	None	2.8	0.4	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.5	0.0	0.0	0.0	0.0
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**Total MU Area 13.0**

**2010**

MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Area (ha)												
					Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB

35	LS12-2	Timber Production	None	17.6	2.6	10.5	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0
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15	LS12-4	Timber Production	None	14.6	2.2	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0
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**Total MU Area 32.2**

