

## The Scottish Forestry Strategy: 2010-2013 Implementation Plan & 2009-2010 Progress Report.

### Progress indicators

#### Climate change

Indicator	Data source	Last assessed	Value	Reporting interval
Area of new planting	FCS	2005/06 2006/07 2007/08 2008/09	3996 ha 6594 ha 4186 ha 3440 ha	1 year
Annual net carbon sequestration by new woodlands	FC	2006 2007 2008 2009	0.36 MtCO <sub>2</sub> 0.40 MtCO <sub>2</sub> 0.42 MtCO <sub>2</sub> 0.43 Mt CO <sub>2</sub>	1 year
Installed capacity of wood energy plant (in megawatt thermal and electrical)	FCS	2006 2007 2008 2009	58 MW <sup>t</sup> 0 MW <sup>e</sup> 67 MW <sup>t</sup> 44 MW <sup>e</sup> 64 MW <sup>t</sup> 44 MW <sup>e</sup> 120 MW <sup>t</sup> 64 MW <sup>e</sup>  (180 MW <sup>t</sup> 64 MW <sup>e</sup> including recycled material)	1 year
Number of non-domestic, wood fuelled energy systems installed	FCS	2006 2007 2008 2009	49 91 154 170	1 year
Area of short rotation coppice grant aided	FCS	2005/06 2006/07 2007/08 2008/09	34 ha 162 ha 487 ha 10 ha	1 year
Index of roundwood road miles	FR	2006 (provisional)	51 miles/t	5 years

#### Timber

Indicator	Data source	Last assessed	Value	Reporting interval
Actual wood production	FC	2005 2006 2007 2008	6.6 Mm <sup>3</sup> obs 6.7 Mm <sup>3</sup> obs 7.2 Mm <sup>3</sup> obs 6.5 Mm <sup>3</sup> obs	1 year
Forecast wood availability in the private sector	FC	2007-11	3.7 Mm <sup>3</sup> obs	5 years
Forecast wood availability from the national forest estate	FC	2007-11	3.2 Mm <sup>3</sup> obs	5 years
Timber's contribution to Scottish gross value-added	FC	2008	£460M (0.5%)	4 years

Sawmill log consumption		2005 2006 2007 2008	2.3 Mm <sup>3</sup> 2.4 Mm <sup>3</sup> 2.6 Mm <sup>3</sup> 2.4 Mm <sup>3</sup>	1 year
Sawmill sawnwood output	FC	2005 2006 2007 2008	1.2 Mm <sup>3</sup> 1.3 Mm <sup>3</sup> 1.5 Mm <sup>3</sup> 1.3 Mm <sup>3</sup>	1 year
Scottish wood's value share of the UK market	FC	2005 2006 2007 2008	4.2% 4.0% 5.0% 4.7%	1 year
Timber use in construction relative to other materials		Reliable data not available		
Area of new coniferous woodland	FCS	2005/06 2006/07 2007/08 2008/09	1011 ha 2000 ha 744 ha 1168 ha	1 year
Area of new broadleaved woodland where timber production is a significant management objective	FCS	2006 2007 2008 2009	84 ha 311 ha 272 ha 223 ha	1 year
Sales of improved nursery stock		2007 2008 2009	22.3M plants 22.0M plants 25.0M plants	1 year
Volume of certified timber from Scottish forests	FC	2005 2006 2007 2008	5.5 Mm <sup>3</sup> obs 5.5 Mm <sup>3</sup> obs 6.1 Mm <sup>3</sup> obs 5.3 Mm <sup>3</sup> obs	1 year

### **Business development**

Indicator	Data source	Last assessed	Value	Reporting interval
<b>Forestry's contribution to Scottish gross value-added</b>	FC	2008	£669M	4 years
Employment supported by the forestry related sector	FC	2008	31,100 FTE	4 years
Uptake of Rural Development Contracts	FCS	2008 2009	to be refined	1 year
Proportion of statutory development plans recognising woodland benefits	FCS	2007	59%	5 year
Numbers of people enrolling or registering for forestry related short courses, qualifications and Modern Apprenticeship programmes	Lantra	2007	1,542	3 years
Numbers of people completing forestry related short courses, qualifications and Modern Apprenticeship programmes	Lantra	2007	1,070	3 years
Forestry's contribution to Scottish tourism gross value-added	FCS	2008	£209M	4 years

## Community development

Indicator	Data source	Last assessed	Value	Reporting interval
Number of schools involved in woodland based learning activities	FCS	2007 2008 2009	569 461 375	1 year
Number of community groups involved in owning or managing woodland	CWA	2002 2007	51 138	3 years
Number of schools providing vocational courses that include forestry related skills	Lantra	2006/7 2007/8 2008/9 2009/10	4 13 38 46	1 year
Proportion of adults and/or family members who attended an organised learning activity or event linked with Scottish woodlands in the previous 12 months.	FC	2005 2007 2009	10% 15% 7%	2 years
Proportion of adults who have heard or read about Scottish woodlands in the previous 12 months.	FC	2005 2007 2009	26% 58% 44%	2 years
Number of land parcels sold or leased under the National Forest Land Scheme.	FCS	2006/7 2007/8 2008/9 2009/10	17 3 2 4	1 year
Area of land parcels sold or leased under the National Forest Land Scheme.	FCS	2006/7 2007/8 2008/9 2009/10	877 ha 7 ha 2 ha 134 ha	1 year
Independent satisfaction rating of community partnerships on the national forest estate.	CWA	2006 2009	82% 72% (excludes non-response data; 2006 result adjusted accordingly)	3 years

## Access and health

Indicator	Data source	Last assessed	Value	Reporting interval
Proportion of the population with accessible woodland greater than 2 hectares within 500 metres of their home	WTS	2006 2009	23% 28%	3 years
Proportion of the population with accessible woodland greater than 20 hectares within 4 kilometres of their home	WTS	2006 2009	68% 83%	3 years
Proportion of adults (16 years +) who visited woodland in previous 12 months	FC	2005 2007 2009	50% 72% 57%	2 years
Number of visits to national forests	FCS	2007	8.7M	5 years

Number and length of Core Paths in woodlands	FCS	to be established in 2012		5 years
Proportion of visitors satisfied with woodland recreation provision	FC	2007	58%	4 years
Proportion of adults who used woodland, forest or tree covered park for exercise at least twice per week in the last four weeks	Scottish Health Survey	2009	10%	1 year
Number of 'volunteer days' associated with woodland activity	FCS	2007	47,444	5 years

### **Environmental quality**

Indicator	Data source	Last assessed	Value	Reporting interval
Length/area of baseline rivers/lochs in forested catchments where ecological quality is of good or high status	SEPA	2008 2009	719 km rivers 16 km <sup>2</sup> lochs 867 km rivers 15 km <sup>2</sup> lochs	1 year
Length/area of baseline rivers/lochs affected by acidification where forestry is a significant exacerbating factor	SEPA		Reliable data not available	1 year
Number of forestry operations or activities leading to direct pollution of the water environment	SEPA		Reliable data not available	1 year
Proportion of woodlands covered by approved forest plans in areas designated for their landscapes	FCS	2006	57%	5 years
Proportion of woodland area managed under low impact silvicultural systems	FCS	2006 2007 2008	4.3% 5.2% 5.8%	1 year
Number of current management plans for scheduled monuments in forests on the National Forest Estate	FCS	2007 2008 2009	321 327 331	1 year
Number of monuments in forests protected under a current forest management plan or agreement	FCS	2007 2008 2009	13,679 14,026 15,286 (59% of all monuments in all woodlands)	1 year

### **Biodiversity**

Indicator	Data source	Last assessed	Value	Reporting interval
Area of native woodland	FCS	2005/6 2006/7 2007/8 2008/9	392K ha 398K ha 399K ha 400K ha	1 year
Proportion of woodland SSSIs in favourable or unfavourable recovering condition	SNH	1999-2005 2007 2008 2009	57% 61% 70% 70%	1 year from 2007

Progress against Habitat Action Plan targets for native woodland condition	FCS	2005/6 2006/7 2007/8 2008/9	3.3K ha 8.4K ha 10.7K ha 11.4K ha	1 year
Progress against Habitat Action Plan targets for native woodland restoration	FCS	2005/6 2006/7 2007/8 2008/9	0.4K ha 1.2K ha 2.1K ha 2.4K ha	1 year
Progress against Habitat Action Plan targets for native woodland expansion	FCS	2005/6 2006/7 2007/8 2008/9	4.3K ha 4.6K ha 7.0K ha 8.1K ha	1 year
Proportion of woodland related UK Biodiversity Action Plan species and habitats identified as stable or increasing/ recovering or in favourable condition	SNH	2005 2008	74% 75%	3 years
Area of PAWS with a commitment to restoration under long-term plans	FCS	2007 2008 2009	34.5K ha 35.5K ha 35.5K ha	1 year
Area of woodland with active, approved deer management plans	FCS	2007 2008 2009	665K ha 732K ha 735K ha	1 year
Loss of ancient, semi-natural woodland to development		to be established from 2011		
Woodland Bird Index	BTO	2006 2007 2008	124 133 164	1 year
Woodland structure: mean deadwood volume	FR	1995-1999	4.4m <sup>3</sup> /ha	6 years from 2007
Woodland structure and composition: mean understorey shrub layer cover	FR	1995-1999	17%	6 years from 2007
Woodland structure and composition: mean no. tree and shrub species within stands	FR	1995-1999	2.2	6 years from 2007
Woodland structure and composition: old growth as a proportion of Scotland's woodland cover	FR	1995-1999	4.8%	6 years from 2007

Details on the definition, interpretation and data source for each indicator are published separately at [http://www.forestry.gov.uk/pdf/sfsindicators.pdf/\\$FILE/sfsindicators.pdf](http://www.forestry.gov.uk/pdf/sfsindicators.pdf/$FILE/sfsindicators.pdf).