



# **Agroforestry in Rural Development Programmes, 2007-2013 and beyond**

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**Unit H.4.(bioenergy, biomass, forestry and climate change)**

# Overview

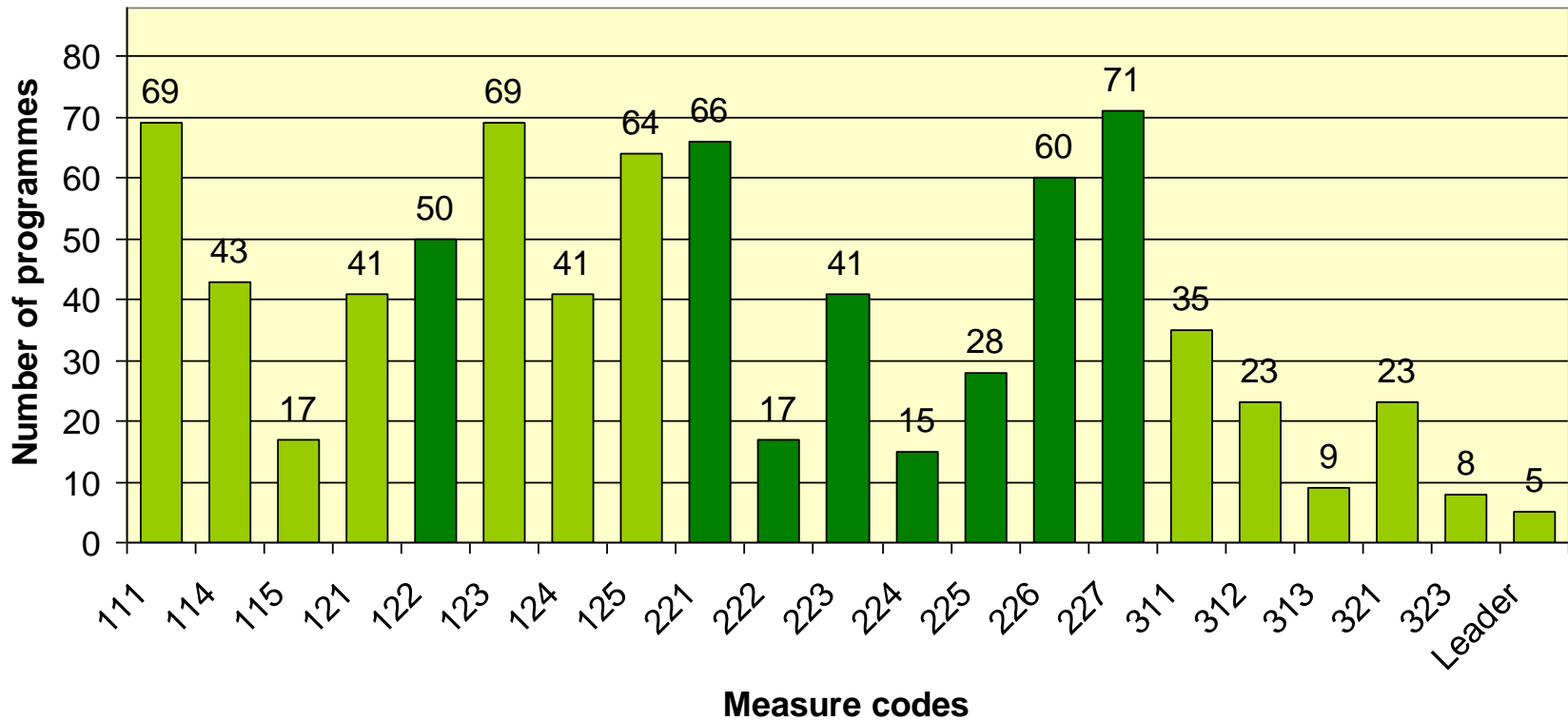
- *Forestry measures and their uptake in rural development programmes under the current period*
- *agroforestry in the running programmes*
  - Legal base
  - Examples
- *Implementation of forestry measures by 2010*
- *Commission proposals for the next 2014-2020 period*
- *State of play*

## Forestry related measures in Rural Development for the period 2007-2013

- *Modernisation of agricultural holdings (121) (SRC is included to this measure)*
- *Improving the economic value of forests (122)*
- *Adding value to primary agricultural and forestry production (123)*
- *Cooperation for development of new products (124)*
- *Improving and developing infrastructure related to the development and adaptation agriculture and forestry (125) first afforestation of agricultural land (221)*
- *first establishment of agro-forestry systems (222)*
- *first afforestation of non-agricultural land (223)*
- *Natura 2000 payments (224)*
- *forest-environment payments (225)*
- *restoring forestry potential and introducing prevention actions (226)*
- *support for non-productive investments (227)*

# Forestry related measures in RD for the period 2007-2013

Presence of forestry measures and forestry-related actions in the 88 national or regional programmes, by measure



## Summary of forestry related measures in RDPs

- **available** financial resources
    - for forestry-specific (EUR 6.2 billion)
    - and other forestry-related measures in Axis 1 and 3 (EUR 1-2 billion)
- for period 2007-2013 around **EUR 8 billion** available from the Community budget (EAFRD)
- These amounts correspond respectively to **9 % of the EAFRD** funding (the total EAFRD budget is EUR 90.8 billion.)

## Expected outputs Axis 2 (2008)

- Member States (MS) **expected** that more than **650 000 hectares of agricultural** land and close to 240 000 hectares of non-agricultural land **will be afforested** involving more than 172 000 land owners,
  - (updated target in 2011 for afforestation: **673 000 ha**)
- Close to **70 000 hectares** of new **agroforestry** system have been planned

## Regulatory background for 2007-2013

### Article 44 of Council Regulation No 1698/2005

#### **First** establishment of agroforestry systems **on agricultural land**

- 1. Support shall be granted to **farmers** to create agroforestry systems **combining extensive agriculture and forestry systems**. Support shall **cover the establishment costs**.
- 2. Agroforestry systems refer to land use systems in which trees are grown in combination with agriculture on the same land.
- 3. Christmas trees and fast-growing species for short-term cultivation shall be excluded from support.

# Regulatory background (cont.)

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## Article 32 of Commission Regulation No 1974/2006;

- Member States, taking account of local conditions, forestry species and the need to **ensure continuation of the agricultural use of the land**, shall determine the **maximum number of trees planted per hectare**.

### Annex II (on **required information**)

- Definition of agroforestry systems to be supported,
  - - forestry use,
  - - agricultural use,
  - - densities of planting,
  - - description of the methodology for the calculation of the establishment cost,
  - - aid intensities for establishment support.



## The application of the measure

- **19 programmes, from total of 88 programmes**, involve agroforestry measures.
- **7 countries** (CY, ES, FR, HU, IT, PT, UK) have planned to use this measure.
- **25.2 million Euros** from the EAFRD budget for agroforestry. ( 0,6% of Axis 2 forestry allocations would be spent for agroforestry)
- scale of the measure from 25-30 ha in islands and small regions like Cyprus, Guadeloupe or Azores to a larger scale in areas where this activity has a long tradition and higher importance; e.g. Extremadura, Portugal Continent and Andalucía (12 000, 17 500 and 24 500 ha respectively).

## **The main production types in AF measures**

### **Agricultural parts:**

- extensive grazing (e.g. cattle, pigs)
- arable crops (e.g. cereals)
- fruits and vegetables

### **Forestry parts:**

- quality wood production (e.g. walnut trees with pruning)
- wood production for multipurpose or targeting for bioenergy
- forest fruits (e.g. chestnut, walnut, berries) and cork
- trees, shrubs for fodder and to provide shelter for the grazing animals
- mushroom or truffle production

## **Examples for agroforestry measures as planned in 2007-2008**

### **Cyprus:**

- protection of biodiversity,
- improvement of the landscape
- protective value as windbreaks for agriculture land in areas affected by frost or heavy wind.

### **Spain, Andalucía:**

- Pasture, (cattle), Diversification, biodiversity protection, supporting natural species, AF mountain systems, as a chestnut grove or olive groves of "dehesas", Quality of water and to avoid the marginalisation and land abandonment

## **Examples (continued) (1)**

### **France, Hexagon:** (newly introduced)

#### **Justification:**

- Contribution to the fight against the greenhouse effect and to the mitigation of the climate change (storage of carbon)
- Contribution to landscape diversity and to the strengthening of the biodiversity
- Soil protection and strengthening of the quality of water

**Eligible investments;** Only the installation costs of the trees are eligible for this measure.

## Examples (continued) (2)

### Hungary

- sustainable land management and facilitate protection of soils against erosion (water and wind).
- Agroforestry systems for grazing purposes
- Quality wood production, other forestry products, fruits, honey, medical plants and biodiversity

#### Requirements:

- Maintaining of the system at least for 5 years
- Minimum 1.0 ha utilized agricultural area
- establishment plan based on complex site survey
- establishment can be completed only with forest species having certificate of origin

Implementation: planned 3000 ha, approved 1716 ha,  
implemented by the end of 2011: 224.88 ha

## **Examples (continued) (2)**

### **Italy, Lazio:**

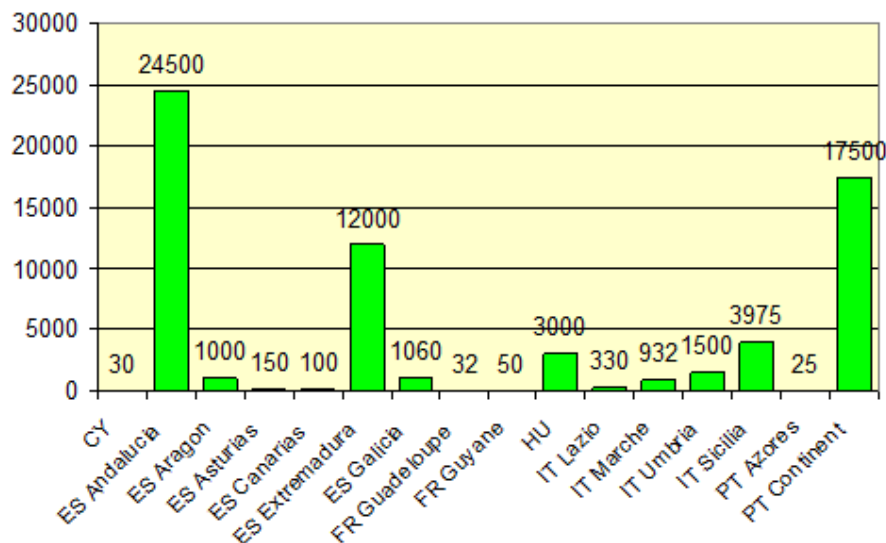
- landscape, soil protection, diversification of the production
- Establishment of extensive agroforestry systems on grounds with arable crops by means of:
  - a) Establishment of broadleaves with long average production cycle for value wood production;
  - b) Establishment of autochthonous fruit tree plantation, including plants with mycorrhizas for the creation of silvo-pastoral system. (fruit, mushroom, truffle production)
- Support for establishment costs, including project preparation, support for the necessary maintenance and protection connected to the establishment.

# Implementation of AF measures

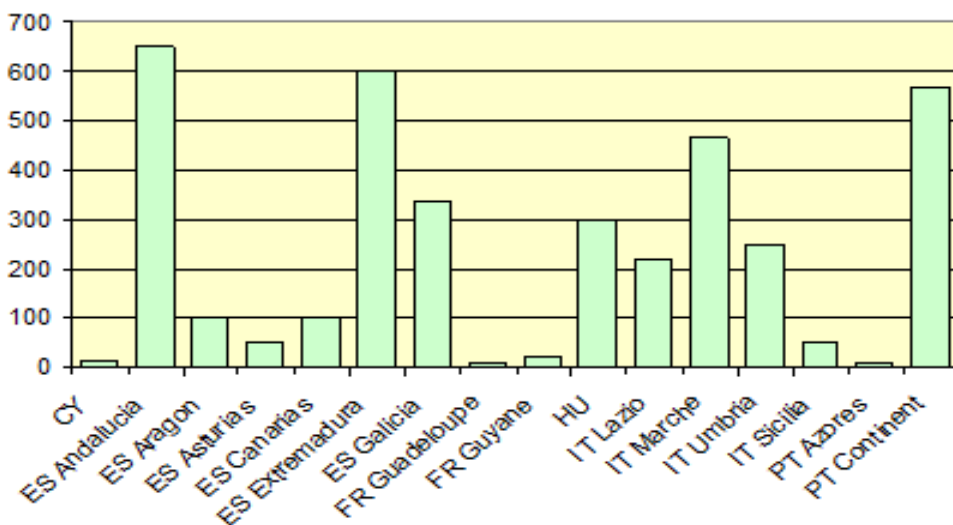
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- Expected number of beneficiaries: 3,743
- Foreseen area of the new agroforestry system is 66,184 ha. (Plus the modified or newly introduced programmes: FR Hexagone: 3000ha, Italy Veneto; 900 ha, Northern Ireland 50 ha)
- approximately 31.0 ha new afforestation will be established per beneficiary.

Area of new Agroforestry systems (ha)



Recipients of Agroforestry support



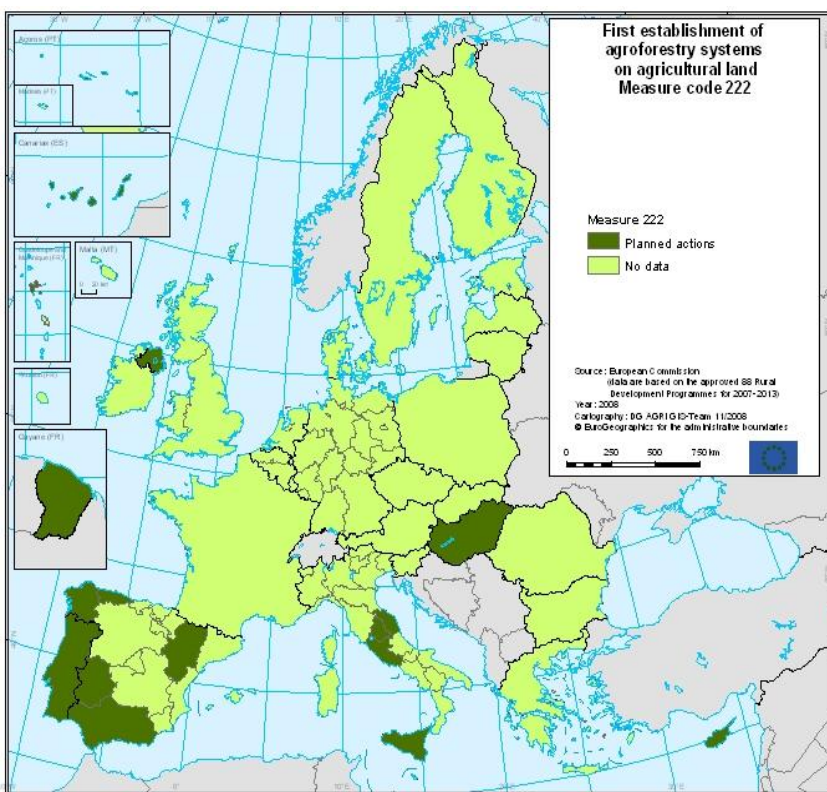
# Allocation of funds for forestry measures and implementation data 2007-2010

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Axis 2 measures with relevance to forestry	Expenditures planned				Implementation				
	Public	Eafrd	Private	Total	Eafrd 2007-2009 expenses		EAFRD 2007-2010 expenses		2007-2010
	(€ million)	(€ million)	(€ million)	(€ million)	(€ million)	% of planned Eafrd	(€ million)	% of planned Eafrd	Mediterranean Pr % of planned Eafrd
221 First afforestation of agricultural land	3659,4	2410,7	576,0	4235,3	487,9	20,2%	682,1	28,3%	38,79%
222 First establishment of agroforestry systems on ...	32,4	22,7	14,4	46,8	0,0	0,0%	0,0	0,1%	0,00%
223 First afforestation of non-agricultural land	596,2	360,8	181,8	778,0	21,6	6,0%	48,7	13,5%	11,12%
224 Natura 2000 payments	158,6	110,6	0,0	158,6	3,7	3,3%	7,2	6,5%	0,28%
225 Forest-environment payments	438,8	265,3	6,4	445,2	10,9	4,1%	17,5	6,6%	9,39%
226 Restoring forestry potential and introducing prevention ...	2474,2	1553,0	307,0	2781,2	217,6	14,0%	389,6	25,1%	24,21%
227 Non-productive investments	1379,8	808,9	216,9	1596,7	71,2	8,8%	131,4	16,3%	10,85%
Axis 2 forestry measures	8739,4	5532,1	1302,4	10041,8	812,9	14,7%	1276,5	23,1%	
Axis 1 forestry measure									
122 Improvement of the economic value of forests	1000,6	652,1	1010,0	2010,7	50,8	7,8%	91,4	14,0%	14,39%
Total for eight forestry-specific measures	9740,0	6184,2	2312,4	12052,4	863,7	14,0%	1367,9	22,1%	

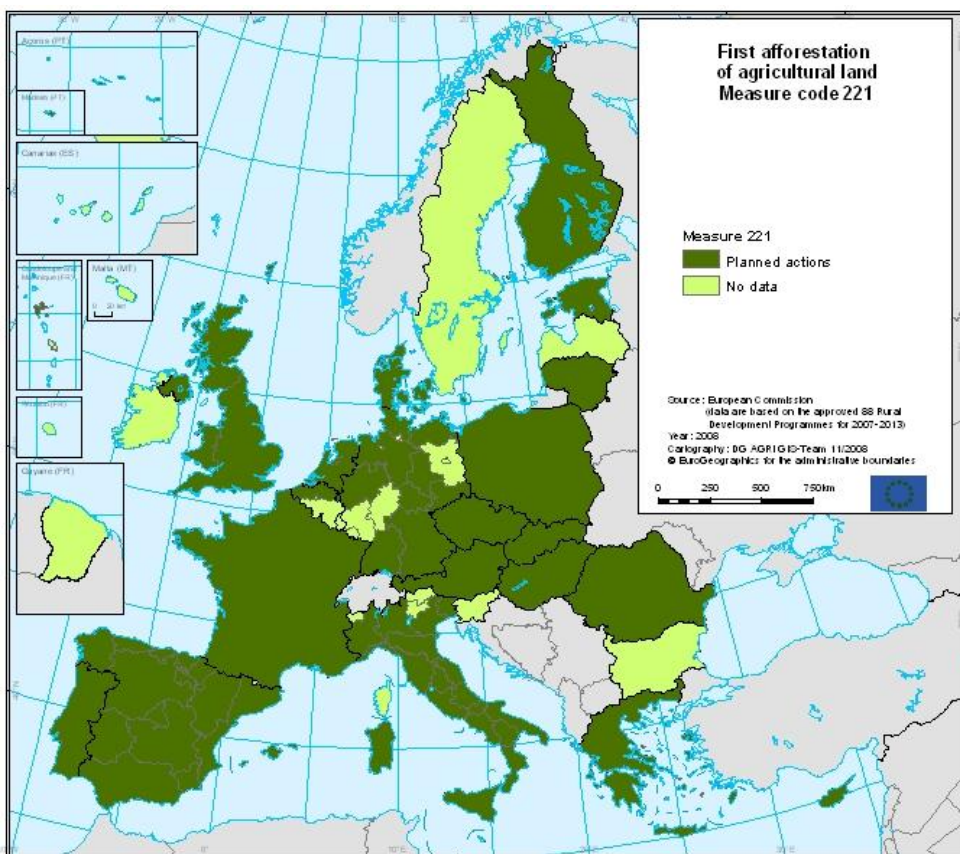


## Measure 222: First establishment of agroforestry systems on agricultural land



- 19 programmes (CY, ES(6), FR(3), HU, IT(5), PT(2), UK(1)) include this measure.
- more than 3400 beneficiaries will establish new agro-forestry systems on 60 000 ha.
- No progress has been reported till the end of 2009.
- Small progress in **2010 (0,1%) with HU 2% 184 ha.**
- **No new implementation has been reported in 2011!**

## Measure 221: First afforestation of agricultural land



### 66 programmes

Financial implementation by 2009 shows that 20 MS reached an average implementation rate of 20,2%, and **28.3% by 2010.**

### Indicator development:

- 72,265 ha afforested land from the target 566 434 ha (12,8%)  
14,102 beneficiaries from the target 102,865 (13,7%)

In **2010** the preliminary (average) financial implementation in regionalised MS: **DE 22%, ES 41%, FR 164%, IT 25%, PT 50% and UK 45%.**

# Commission proposal for RD for 2014-2020

## Art. 24: Establishment of agro-forestry systems

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### Commission proposal for RD for 2014-2020

#### Art. 24: Establishment of agro-forestry systems

- **Scope**

- Support available for:
  - Costs of establishment
  - Annual premium per hectare to cover the costs of maintenance for a maximum period of 3 years
- "Agro-forestry systems" shall mean land use systems in which trees are grown in combination with extensive agriculture on the same land
- The maximum number of trees to be planted per hectare shall be determined by MS taking account of local pedo-climatic conditions, forestry species and the need to ensure agricultural use of the land

- **Beneficiaries**

- Private land-owners and tenants, municipalities and their associations

- **Aid rates**

- 80% of the amount of eligible investment for the establishment of agro-forestry systems

# Draft Direct Payments Regulation

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## Article 32: Ecological focus area

- 1. Farmers shall ensure that at least 7 % of their eligible hectares as defined in Article 25(2), excluding areas under permanent grassland, is ecological focus area such as land left fallow, terraces, landscape features, buffer strips and afforested areas as referred to in article 25(2)(b)(ii).
- 2. The Commission shall be empowered to adopt delegated acts to further define the types of ecological focus areas referred to in paragraph 1 of this Article and to add and define other types of ecological focus areas that can be taken into account for the respect of the percentage referred to in that paragraph.

This regulation is also under discussion.

## **Other measures which could support forestry or “farm woodlands” as in the “forestry block” under article 22:**

- *Afforestation and creation of woodland (art 23)*
- *Prevention and restoration of damage to forests from forest fires and natural disasters and catastrophic events (art 25)*
- *Investments improving the resilience and environmental value of forest ecosystems (art 26)*
- *Investments in new forestry technologies and in processing and marketing of forest products (art 27)*

## **Other measures which could also support forestry or “farm woodlands” and out of the “forestry block”**

- *Knowledge transfer and information actions (art 15) and Advisory services (art 16)*
- *Investments in physical assets (art 18)*
- *Farm and business development (art 20)*
  - Includes non-agricultural activities and investments
- *Setting up of producer groups (art 28)*
- *Natura 2000 and Water Framework Directive payments (art 31)*
- *Forest environmental and climate services and forest conservation (art 35)*
- *Cooperation measure (art 36)*
  - For innovation and cooperation projects

- **Discussions are ongoing**

- In the **Council** under the Danish presidency 2012, 1st semester MS have submitted proposals for amendments and the Presidency prepared a „Presidency compromised text” and a “Luxembourg paper” has been discussed,
- In the **Parliament** (COMAGRI working group)
  - Proposal of the working group for amendments is expected to be presented in June and vote in the Autumn
  - Stakeholders activities
    - e.g. EURAF consultations and proposals in the Commission and Parliament
    - CEPF, USSE etc. position papers on forestry measures
- The **Commission** now is in a waiting stage for inputs from the Council and Parliament and prepared a “Concept paper” responding to the “Luxembourg paper”
  - Preparation of implementing rules



# Further Information

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- *Report on implementation of Forestry Measures under the Rural Development Regulation 1698/2005 for the period 2007-2013*  
[http://ec.europa.eu/agriculture/fore/publi/forestry\\_rurdev\\_2007\\_2013\\_en.pdf](http://ec.europa.eu/agriculture/fore/publi/forestry_rurdev_2007_2013_en.pdf)
- **Europe's forests** Sustaining life  
[http://ec.europa.eu/agriculture/fore/publi/leaflet-2010\\_en.pdf](http://ec.europa.eu/agriculture/fore/publi/leaflet-2010_en.pdf)
- **Forest resources in the EU and the EU Forestry Strategy**  
*Including reports and opinions of the Standing Forestry Committee*  
[http://ec.europa.eu/agriculture/fore/index\\_en.htm](http://ec.europa.eu/agriculture/fore/index_en.htm)
- [http://ec.europa.eu/agriculture/bioenergy/index\\_en.htm](http://ec.europa.eu/agriculture/bioenergy/index_en.htm)  
[http://ec.europa.eu/agriculture/climate\\_change/index\\_en.htm](http://ec.europa.eu/agriculture/climate_change/index_en.htm)

## Thank you