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The knowledge based bioeconomy and the forest based sector

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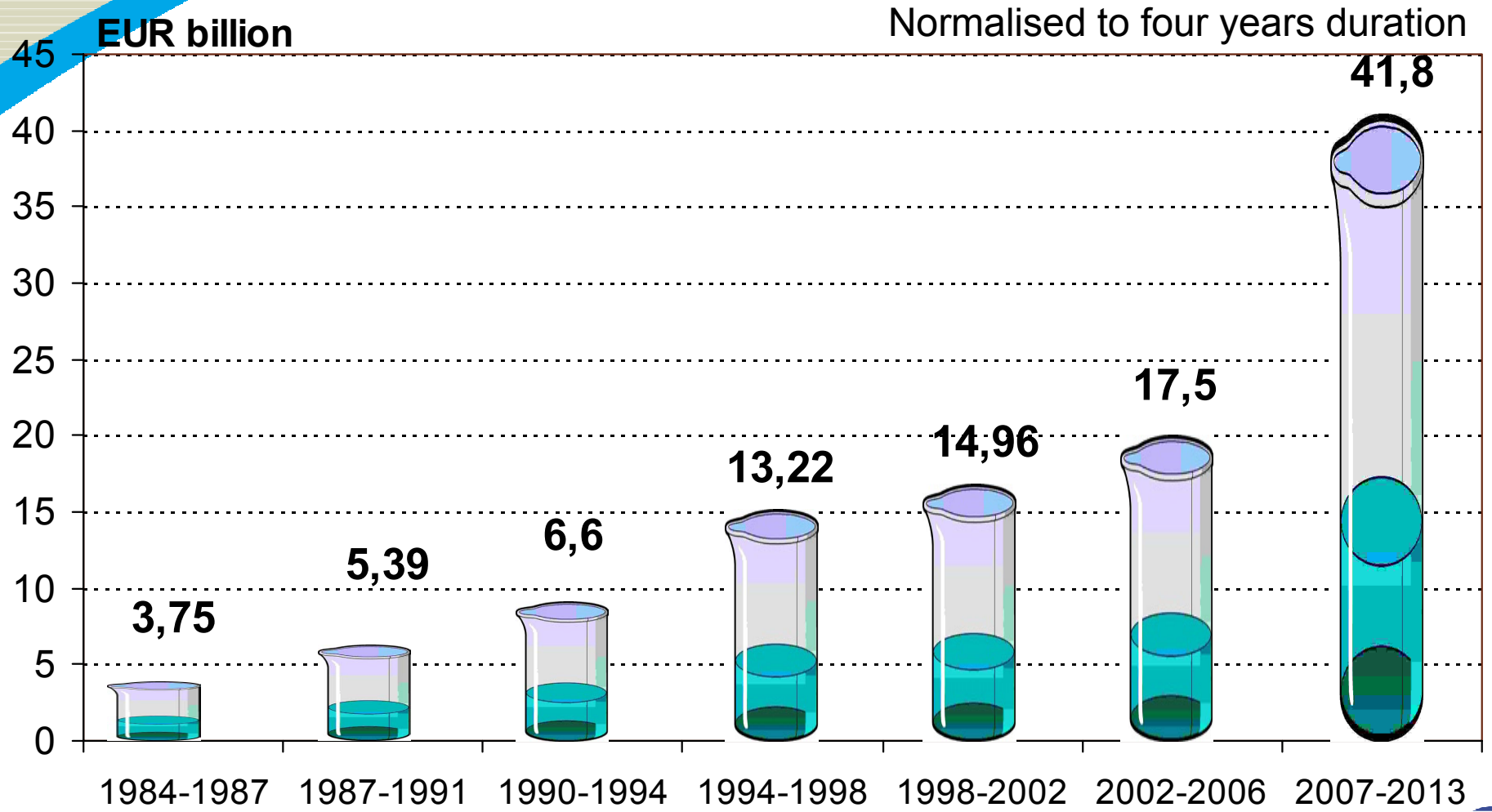




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Growth of Community RTD Budget





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FP 7: Specific Programmes

1) Cooperation – Collaborative research

2) Ideas – Frontier research

3) People – Human Potential

4) Capacities – Research Capacity

+

JRC (non-nuclear)

JRC (nuclear)

Euratom





FP 7: Commission Proposal

Cooperation - Collaborative research: 9 themes

Budget (million €)*

1) Health	8.373
2) Food, agriculture and biotechnology	2.472
3) Information and communication technologies	12.756
4) Nanosciences, nanotechnologies, materials and new production technologies	4.865
5) Energy	2.951
6) Environment (including climate change)	2.552
7) Transport (including aeronautics)	5.981
8) Socio-economic sciences and the humanities	797
9) Security and space	3.987
10) Sum	44.735

* for seven years





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Food, agriculture and biotechnology: Objectives

- Build a European Knowledge-Based Bio-Economy (KBBE)
- Respond to social and economic challenges:
 - High quality food and sustainable food production
 - Food-related disorders (cardiovascular, obesity ...)
 - Infectious animal diseases and zoonoses
 - Sustainable agriculture/**forestry** and climate change
 - **Clean biomaterials from renewable bio-resources**
- Involve all stakeholders (incl. industry) in research
- Support Policy
- Respond quickly to emerging research needs





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Challenges and trends to meet in the Forest based Sector

- Increase of consumption of forest based products
- Meet the demand for renewable energy
- Economic competition to other non renewable materials
- Closer coupling between forest producers and forest industry to increase competitiveness





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Food, Agriculture and Biotechnology in FP7

Three activities

- 1) **Sustainable production and management of biological resources from land, forest, and aquatic environments**
- 2) **“Fork to farm”**: Food, health and well being
- 3) **Life sciences and biotechnology for sustainable non-food products and processes**





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The Forestry-Wood Chain in Activity 1:

- Sustainable and competitive forestry: will enhance consumers confidence in forest based products and improve the competitiveness of the forest sector
- Improved/novel trees and production systems: will lead to improved/novel forest based raw materials
- Policy tools for forestry and RD: will allow the optimal allocation and market access of forest based products





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The Forestry-Wood Chain in Activity 3:

- Bio-catalysis; new biorefinery concepts: **will broaden the application of forest based materials**
- Improved/novel forest based products and processes: **will enable the sector to meet consumers expectations**
- Environmental sound and cleaner products and processes: **will raise the environmental profile of forest based products**





Activities within the themes:

- ✓ Collaborative projects; Networks of Excellence; Coordination/support actions
- ✓ Integration of new and emerging science and technologies (NEST)
- ✓ Support to policy development (CAP, RD, EU-Forest Strategy, EU-Forest Action Plan,...)
- ✓ International co-operation
- ✓ ERA-NET activities
- ✓ Joint Calls with other themes (e.g. environment,...)



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5th call for proposals Policy-oriented research Scientific Support to Policies

FP6-2005-SSP-5

Directorate Biotechnology, Agriculture, Food Research
DG Research European Commission





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Call timetable

- **Date of publication: 15 November 2005**
- **Closure date: 15 February 2006**



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Work programm

Areas 1.1. + 1.2.

➤ **29 tasks :**

- **Research in support of international negotiations**
- **Supporting CAP market reform**
- **Cross-Compliance**
- **Widening the scope of rural development**
- **Sustainable agriculture production systems**
- **Sustainable forestry**

➤ **Indicative budget: 12 500 000 €**



Sustainable Forestry

- **Task 28: Structuring future research in the EU forestry sector**
 - **Support the set up of a well coordinated network within the EU forest based sector**
 - **Build a European interface between research, industry, policy and practice**
 - **Help to organise conferences, training seminars, meetings**
 - **Set up necessary information and communication technologies for the network**

- **Indicative budget: 500.000 €**
- **Instrument: SSA**



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Sustainable Forestry

- **Task 29: Emerging diseases and threats through invasive alien species in forest ecosystems**
 - **Review current situation**
 - **Predict damage in EU Member States**
 - **Develop novel ideas to prevent/cure diseases and to prevent damage from alien species**
 - **Support EU policies related to these issues**

- **Indicative budget: 300.000 €**
- **Instrument: CA**



Community Research

Technology Platforms - Commission

Commission encouraged the set up of TPs, acts as an observer

Commission supports operational entities (secretariats) of TPs

SRAs have been an important (not the sole!!)
input to identify the 9 thematic priorities of FP7

Commission supports those parts of the implementation
stage of the SRA that fits with the goals of EU research policy

SRA - Launching Event



Where: Admont/Irdning (Austria)
When: 2-3 May 2006



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Information sources

General information

<http://europa.eu.int>

General information on research

<http://europa.eu.int/comm/research>

Information on research programmes

<http://www.cordis.lu>

Information requests

research@cec.eu.int

