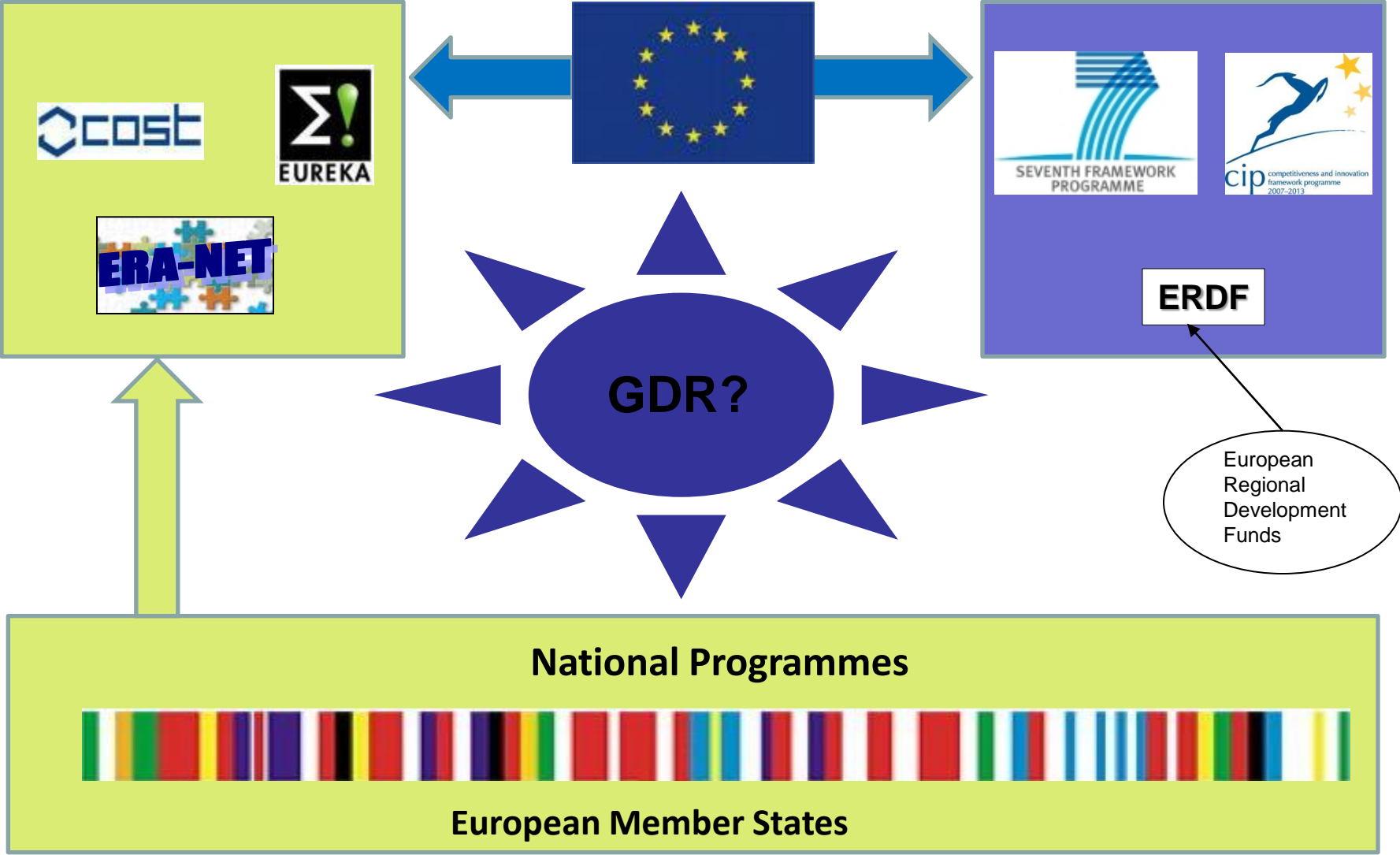


Le paysage européen de la recherche



Sommaire

- Actions COST
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Actions COST 2012

- FP1201 | Forest Land Ownership Changes in Europe: Significance for Management And Policy (FACESMAP) | 22 June 2012 - 14 November 2016
- FP1202 | Strengthening conservation: a key issue for adaptation of marginal/peripheral populations of forest tree to climate change in Europe (MaP-FGR) | 27 June 2012 - 07 November 2016

Actions COST 2011

- FP1103 | Fraxinus dieback in Europe: elaborating guidelines and strategies for sustainable management (FRAXBACK) | 06 January 2012 - 24 April 2016
- FP1104 | New possibilities for print media and packaging - combining print with digital | 16 January 2012 - 21 May 2016
- FP1105 | Understanding wood cell wall structure, biopolymer interaction and composition: implications for current products and new material innovation | 12 January 2012 - 30 November 2015
 - Raphael Passas (Pagora)
- FP1106 | STReESS - Studying Tree Responses to extreme Events: a SynthesiS | 10 January 2012 - 22 April 2016
- FP1101 | Assessment, Reinforcement and Monitoring of Timber Structures | 29 June 2011 - 21 November 2015
 - Myriam Chaplain (US2B)
 - ESB
- FP1102 | Determining Invasiveness And Risk Of Dothistroma (DIAROD) | 26 July 2011 - 04 December 2015

Actions COST 2010

- FP1004 | Enhance mechanical properties of timber, engineered wood products and timber structures | 20 January 2011 - 29 May 2015
 - Laurent Bléron (ENSTIB), Frédéric Rossi (ex FIBC)
 - F Dubois (Egletons)
- FP1005 | Fibre suspension flow modelling - a key for innovation and competitiveness in the pulp & paper industry | 20 January 2011 - 10 May 2015
- FP1006 | Bringing new functions to wood through surface modification | 20 January 2011 - 12 April 2015
 - Laurence Podgorski (FCBA), Gilles Sebe (LCPO)
 - Lermab
- FP1001 | Improving Data and Information on the Potential Supply of Wood Resources: A European Approach from Multisource National Forest Inventories (USEWOOD) | 30 July 2010 - 07 October 2014
- FP1002 | Pathway Evaluation and pest Risk Management In Transport (PERMIT) | 22 July 2010 - 17 November 2014
- FP1003 | Impact of renewable materials in packaging for sustainability - development of renewable fibre and bio-based materials for new packaging applications | 20 October 2010 - 08 December 2014

Actions COST 2009

- FP0904 | Thermo-Hydro-Mechanical Wood Behaviour and Processing | 28 January 2010 - 26 May 2014
 - Antonio Pizzi (Enstib/Lermab), Remy Marchal (Cirad)
 - F Dubois (Egletons),
- FP0905 | Biosafety of forest transgenic trees: improving the scientific basis for safe tree development and implementation of EU policy directives | 13 January 2010 - 11 April 2014
- FP0903 | Climate Change and Forest Mitigation and Adaptation in a Polluted Environment | 08 July 2009 - 17 November 2013
- FP0901 | Analytical Techniques for Biorefineries | 11 July 2009 - 14 October 2013
- FP0902 | Development and harmonisation of new operational research and assessment procedures for sustainable forest biomass supply | 26 June 2009 - 28 September 2013

Actions COST 2008

- FP0803 | Belowground carbon turnover in European forests | 16 January 2009 - 24 May 2013
- FP0804 | Forest Management Decision Support Systems (FORSYS) | 26 January 2009 - 01 April 2013
- FP0801 | Established and Emerging Phytophthora: Increasing Threats to Woodland and Forest Ecosystems in Europe | 07 August 2008 - 20 November 2012
- FP0802 | Experimental and Computational Micro-Characterisation Techniques in Wood Mechanics | 29 August 2008 - 06 November 2012
 - Xavier Frank (ENGREF/INRA), Olivier Arnould (Univ Montpellier)

Bilan COST

- 23 actions en cours
- 6 actions Sciences du Bois (légèrement sous-représenté)
- Dans tous les cas, participation de la France
- Au dernier call, 21 propositions FPS, 3 en Sciences du Bois
- Au dernier call, 579 propositions, soit une moyenne de 58 actions/DC

Eranets

- Wood Wisdom Net Plus (30 M€ en 2013)
- Bioenergy
- Forestterra (recherche forestière)
- Cornet (collective research, horizontal)
- Era-min (Industrial Handling of Raw Materials)
- Erasme (research for SMEs, horizontal)
- M-Era.Net (Nanosciences, nanotechnologies, materials and new production technologies)
- Manunet II (new processes, adaptive manufacturing systems and the factory of the future)
- Matera+ (Materials research)



Horizon 2020

*The EU Framework
Programme for
Research and Innovation*

Krastio Preslavsky

DG Research & Innovation
European Commission

2014-2020

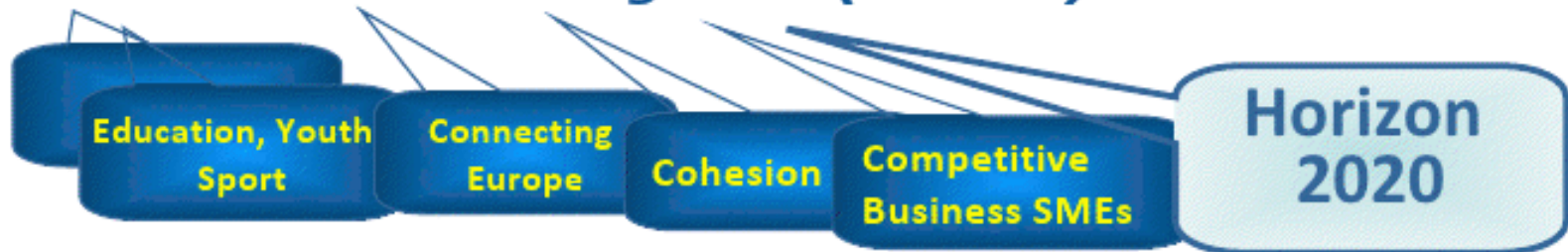
HORIZON 2020

Research and
Innovation

The Multiannual Financial Framework 2014-2020: Commission's proposals 29 June 2011

Key challenge: stabilise the financial and economic system while taking measures to create economic opportunities

1. Smart & inclusive growth (€491bn)



2. Sustainable growth, natural resources (€383bn)

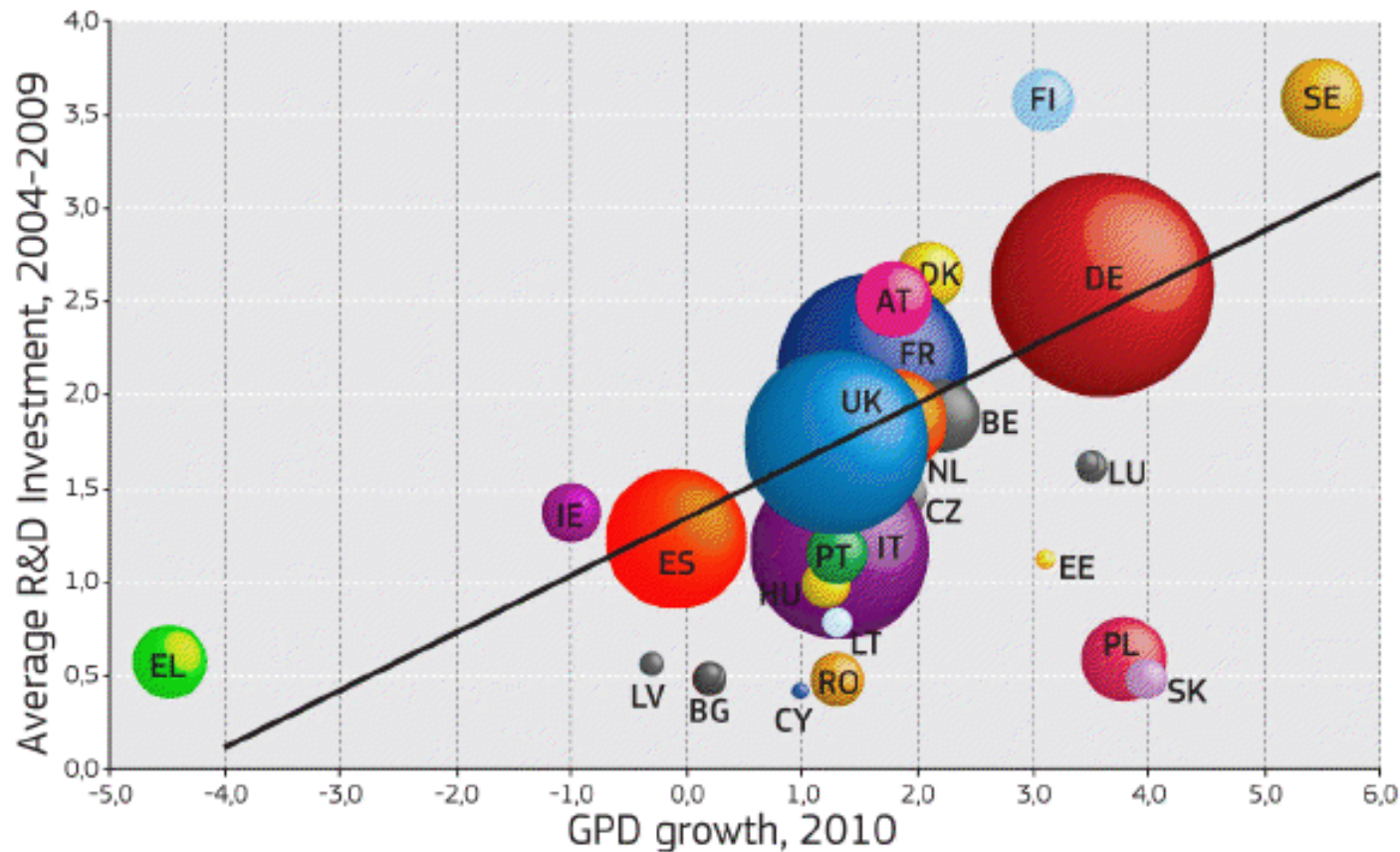
3. Security and citizenship (€18.5bn)

4. Global Europe (€70bn)

5. Administration (€62.6bn)

**Total:
€ 1,025bn**

Investment in R&D is part of the solution to exit from the economic crises





What is Horizon 2020

- **Commission proposal for a 80 billion euro research and innovation funding programme (2014-2020)**
- **A core part of Europe 2020, Innovation Union & European Research Area:**
 - **Responding to the economic crisis to invest in future jobs and growth**
 - **Addressing people's concerns about their livelihoods, safety and environment**
 - **Strengthening the EU's global position in research, innovation and technology**



Three priorities:

1. Excellent science
2. Industrial leadership
3. Societal challenges

Proposed funding (million euro, 2014-2020)

<i>European Research Council</i> Frontier research by the best individual teams	<i>13 268</i>
<i>Future and Emerging Technologies</i> Collaborative research to open new fields of innovation	<i>3 100</i>
<i>Marie Curie actions</i> Opportunities for training and career development	<i>5 572</i>
<i>Research infrastructures (including e-infrastructure)</i> Ensuring access to world-class facilities	<i>2 478</i>

Proposed funding (million euro, 2014-20)

<p><i>Leadership in enabling and industrial technologies</i> (ICT, nanotechnologies, materials, biotechnology, manufacturing, space)</p>	<p><i>13 781</i></p>
<p><i>Access to risk finance</i> Leveraging private finance and venture capital for research and innovation</p>	<p><i>3 538</i></p>
<p><i>Innovation in SMEs</i> Fostering all forms of innovation in all types of SMEs</p>	<p><i>619</i> complemented by <i>6 829</i> (expected 15% of societal challenges + LEIT) and <i>'Access to risk finance'</i> with strong SME focus</p>

Proposed funding (million euro, 2014-2020)

<i>Health, demographic change and wellbeing</i>	<i>8 033</i>
<i>Food security, sustainable agriculture, marine and maritime research & the bioeconomy</i>	<i>4 152</i>
<i>Secure, clean and efficient energy*</i>	<i>5 782</i>
<i>Smart, green and integrated transport</i>	<i>6 802</i>
<i>Climate action, resource efficiency and raw materials</i>	<i>3 160</i>
<i>Inclusive, innovative and secure societies</i>	<i>3 819</i>

**Additional €1 788m for nuclear safety and security from the Euratom Treaty activities (2014-2018). Does not include ITER.*

Questions diverses

- Interfaces / normalisation
 - CEN TC 124 – Structural timber
 - CEN TC 250/SC5 – Eurocode 5
 - CEN TC 38 – Durability
- Partenariats Hubert Curien
- Réseaux thématiques
 - Innovawood (+EFI ; EFPRO)
- Conférences internationales
- Revues internationales