



2nd EULARINET Annual Meeting FP7 Training Course

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ACADEMY OF FINLAND
RESEARCH FUNDING AND EXPERTISE

European Research Area ERA The New Concept - Time of changes

Time of changes

- Lisbon treaty
- EU2020
- Financial framework
- ERA –initiatives and ERA governance
- ERA bottom up
- Future ERA perspectives: ERAB vision, FP8 etc.

Lisbon Treaty

<http://eur-lex.europa.eu/JOHtml.do?uri=OJ:C:2007:306:SOM:EN:HTML>

- The Treaty of Lisbon puts at the heart of its research policy the establishment of a **European Research Area** in which researchers, scientific knowledge and technology circulate freely. At a time when new world players are emerging with a keen interest in establishing space projects, the Treaty also creates a new legal basis for a coherent space policy: a clear acknowledgement that Europe can not afford to overlook the economic and strategic benefits of a space policy.
- 1. The Union shall have the objective of strengthening its scientific and technological bases by achieving a European research area in which researchers, scientific knowledge and technology **circulate freely**, and encouraging it to become more **competitive, including** in its industry, while promoting **all** the research activities deemed necessary by virtue of other Chapters of the Treaties.’;

Shared competence:

- In the areas of research, technological development and space, the Union shall have competence to carry out activities, in particular to define and implement **programmes**; however, the exercise of that competence shall not result in Member States being prevented from exercising theirs.

EU2020 strategy

EUROPE 2020 A European strategy for smart, sustainable and inclusive growth
Brussels, 3.3.2010 COM(2010) 2020

<http://ec.europa.eu/eu2020/pdf/COMPLET%20EN%20BARROSO%20%20%20007%20-%20Europe%202020%20-%20EN%20version.pdf>

- Recovering from the crisis
- Confronting global challenges
- Sustainable growth and jobs
- Growth based on **knowledge and innovation**
- An inclusive **high-employment** society
- **Green growth**: a sustainable and competitive economy

- European council / March 2010 and June 2010 – top down responsibility (Presidents and Prime Ministers)

Financial framework

- 2008/2009 EU Budget Review tiedonanto A Reform Agenda for a Global Europe (Reforming the Budget, Changing Europe) draft version 6.10.2009
- Generating European Added Value
- Concentrating on key priorities
- Greater flexibility and responsiveness
- Simplification and efficiency of delivery
- Fairness and added value in the financing the budget
- Structure and future visions/ research and innovation:
 - Sustainable growth and jobs
 - Redoubling our efforts to invest in research and innovation
 - Improved governance for research and innovation

ERA building blocks

ERA Governance ERAC

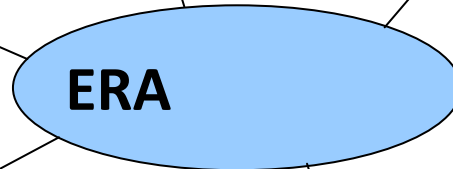
Steering group for human resources and mobility

Single labour market for researchers

World-class research infrastructures

ESFRI European Strategic Forum for Research Infrastructures

Excellent research institutions and universities



Well-coordinated research programmes and priorities (joint programming)

High level group for JP

Opening of the ERA to the world

Effective knowledge sharing

Strategic Forum for International cooperation SFIC

Joint programming

http://ec.europa.eu/research/press/2008/pdf/com_2008_468_en.pdf

- European national research programmes are not able to tackle effectively some of the major societal challenges such as citizen's security, food safety, quality of human and environmental health, climate change or energy supply because they are developed and implemented on a national basis. 85% of European public research funding is spent nationally without any transnational collaboration between programmes or competition between researchers from different Member States they often unnecessarily duplicate each other, or lack the scope and depth required to make a significant impact in these major challenges.
- The aim is to develop and implement **common Strategic Research Agendas addressing major societal challenges**.
- A **voluntary** process and need not involve all Member States in each specific initiative, but the partners involved in any given initiative must be able between them to provide the required critical mass of resources.

Pilot action and the next steps

- Pilot: A common commitment by the Member States to combat neurodegenerative diseases, particularly Alzheimer's", which recognized that R&D activities relating to Alzheimer's disease constitute a good example for testing innovative ways of pooling national expertise and resources on a voluntary basis (22 countries involved)
- http://www.consilium.europa.eu/ueDocs/cms_Data/docs/pressData/en/intm/111721.pdf
- Competitiveness Council DEC 2009 :
 - Agriculture, food security and climate change
 - A healthy diet for a healthy life
 - Cultural heritage and global change
- Initiatives for the next wave:
 - Climate Change (FI-AU-DE)
 - Democrafic change (DE)
 - Future city and transport (AU)
 - Water (ES)
 - Ocean research (NO)
 - Antibiotic resistance (SW)

European Research Area Board ERAB

- Advisory body to the Research Commissioner
- Consists of **22 high level experts** from academia, business and industry
- On 6 October 2009, ERAB presented its first annual report "Preparing Europe for a New Renaissance - A Strategic View of the European Research Area".
http://ec.europa.eu/research/erab/pdf/erab-first-annual-report-06102009_en.pdf

ERAB: Action required by 2030 on 6 fundamental themes

1. A united ERA to permit ideas and people to **move freely** across a dynamic and open society.
2. An ERA driven by societal needs to address the '**Grand Challenges**', such as climate change, energy supply, water resources, ageing societies, healthcare and sustainable prosperity for all.
3. An ERA based on a **shared responsibility** between science, policy and society, where public policy is based on evidence and underpinned by a 'new social contract' between science and society that emphasizes responsibility for action as well as freedom of thought.
4. An ERA of **open innovation** between all public and private stakeholders so as to strengthen our research base and our economy.
5. An ERA to **deliver excellence** where risk-taking in research, regardless of its public or private origin, will be the guiding principle for the ERA policy.
6. An ERA of **cohesion** across the continent to allow all European research actors to take part in the knowledge-based society.

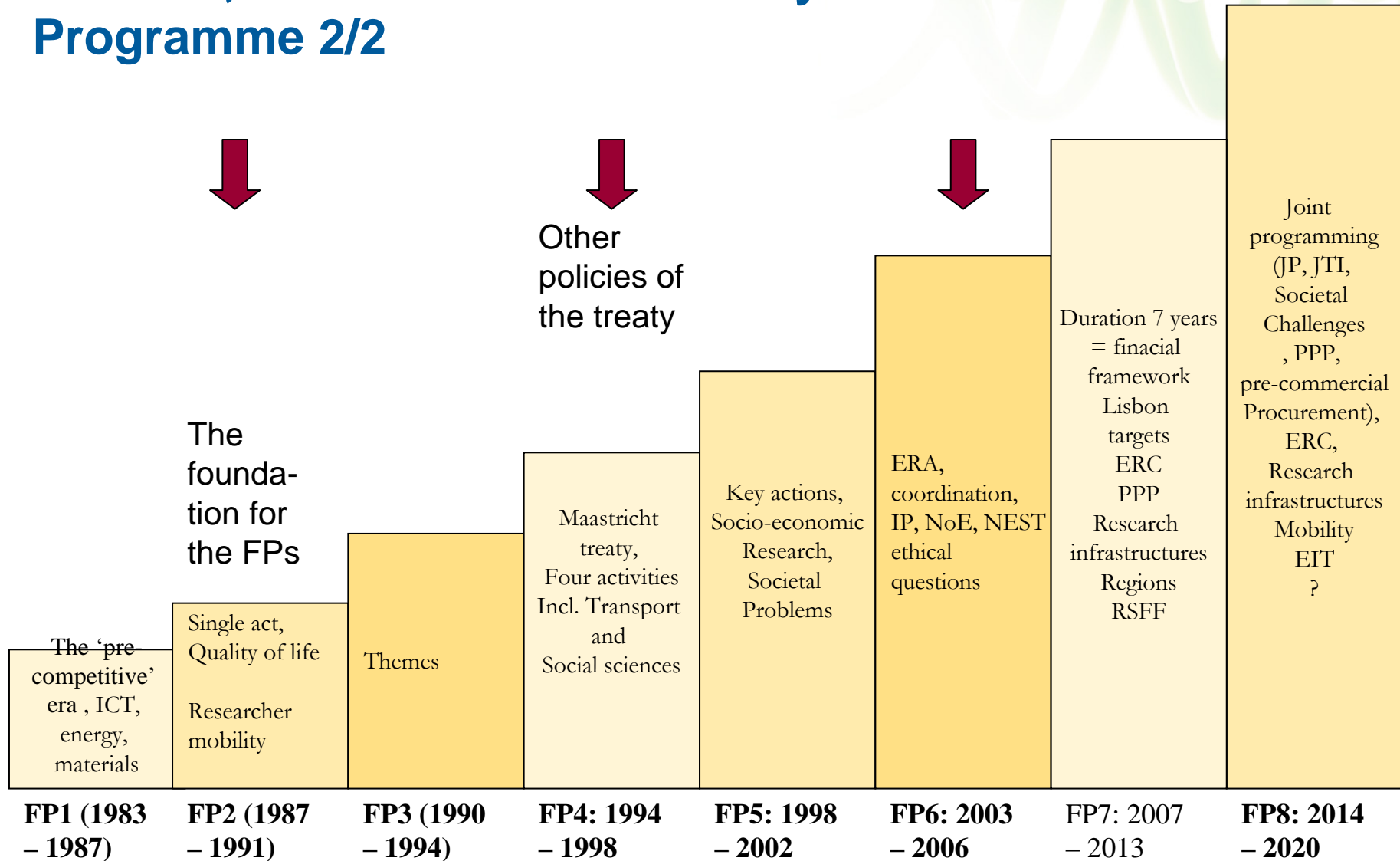
ERA bottom up

- European association of the heads of research funding organisations (RFO) and research performing organisations (RPO) **EUROHORCs**
- European Science Foundation **ESF**
- Joint efforts “Money follows Researcher” and “EURYI fellow ships”
- **The EUROHORCs and ESF Vision on a Globally Competitive ERA and their Road Map for Actions to Help Build It:**
 1. An effective European research policy, capitalising on cultural, geographic and scientific diversity
 2. A stimulating education system
 3. A single European labour market for researchers
 4. Adequate funding for top quality curiosity driven research
 5. Cross-national funding, benchmarking of quality and shared scientific priorities for strategic research and bottom up researcher-driven programmes
 6. Excellent research institutions
 7. World-class research infrastructures
 8. Open access to the output of publicly funded research and permanent access to primary quality assured research data
 9. Effective and trusted bridges between science, society and the private sector
 10. Openness to the world

Towards the FP8?

- Priority-setting in the European Research Framework Programmes. Vinnova Analysis VA 2009:17. Dan Andrée
- Mid-term review of the FP7
- National discussions in Member States

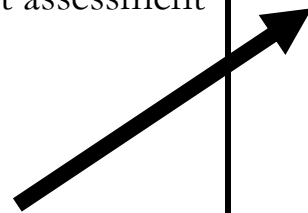
Vinnova, Andrée / A short 'history' of the Framework Programme 2/2



Vinnova, Andrée/ Preparation of FP8

- An assumption for FP8 is that it should be **adopted** by the middle of 2013 in order to prepare calls at the end of 2013 for a formal start in 2014. Bearing in mind the inevitable length of the negotiation process, this means a **proposal** from the Commission should be tabled in the early autumn of 2011. This would indicate that any **discussion** document should appear in the beginning of 2011 and that preparation would have to start in the Commission **by mid-2010**
- FP7 interim evaluation
- 6 months before the ex-ante impact assessment for each FP8 programme)

Roadmap ???



1. Preparation by the Commission	2. Discussion paper (Impact assessment)	3. Conculation	4. Official proposal	5. Decision	6. Beginning of the programme
Autumn 2010	Beginning of 2011	2011 Spring/summer	2011 Autumn	Mid 2013	2014 January

FP8 and European Research Area?

Knowledge Triangle

National, European, Global Cooperation

FP8/ Specific Programme

**ERA-
initiatives**

EIT, PPP etc

Cooperation

GRAND CHALLENGES

Joint programming, foresight, cooperative research

Ideas

ERC

Quality, European attractiveness, top research

Modern universities and RTOs

People

Marie Curie

Research career, mobility

Open access, IPR

Capacities?

Research environments?

Financial regulations

Research infrastructures

Other documents and reports 1/2

Evaluation of the Sixth Framework Programme for Research and Technological Development 2002-2006 Report of the Expert Group 2/2009

Second FP7 Monitoring Report. Monitoring report 2008. 1.10.2009

Last quarter of 2010: Interim Evaluation of FP7

European Research Area Board: Preparing Europe for a New Renaissance. A Strategic view of the European Research Area. First Report of ERAB – 2009

http://ec.europa.eu/research/erab/pdf/erab-first-annual-report-06102009_en.pdf

**Innovation Building a successful future for Europe October 2009,
BusinessEurope**

[http://212.3.246.117/docs/1/NMHPALKDNGDAMMGHPHJPLNKPPDBG9DPYCD9L
TE4Q/UNICE/docs/DLS/2009-02180-E.pdf](http://212.3.246.117/docs/1/NMHPALKDNGDAMMGHPHJPLNKPPDBG9DPYCD9L TE4Q/UNICE/docs/DLS/2009-02180-E.pdf)

**ERA2009 Conference: Working together to strengthen research in Europe
21.23.10.2009 Bryssel**

http://ec.europa.eu/research/conferences/2009/era2009/index_en.htm

Other documents and reports 2/2

http://ec.europa.eu/research/era/publication_en.cfm

The role of community research policy in the knowledge-based economy

Expert group chaired by Luc Soete

ERA indicators and monitoring

Expert group chaired by Prof. Rémi Barré

A Knowledge-intensive future for Europe

Expert group chaired by Mr Bjorn von Sydow

Knowledge for Growth: Prospects for science, technology and innovation

Expert group chaired by Commissioner Janez Potocnik

The European Research Area Partnership - 2008 Initiatives

Science, Technology and Competitiveness key figures report 2008/2009



Thank you for your attention!!!