EUROPEAN RESEARCH AREA
MYTH OR REALITY?

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Towards a European Research Area

- In 2000 a new political project was announced by the Commissioner Philippe Busquin: creation of the European Research Area aiming at integrating, strengthening and structuring research efforts all over Europe
- „Towards a European research area”, Communication from the Commission, January 2000

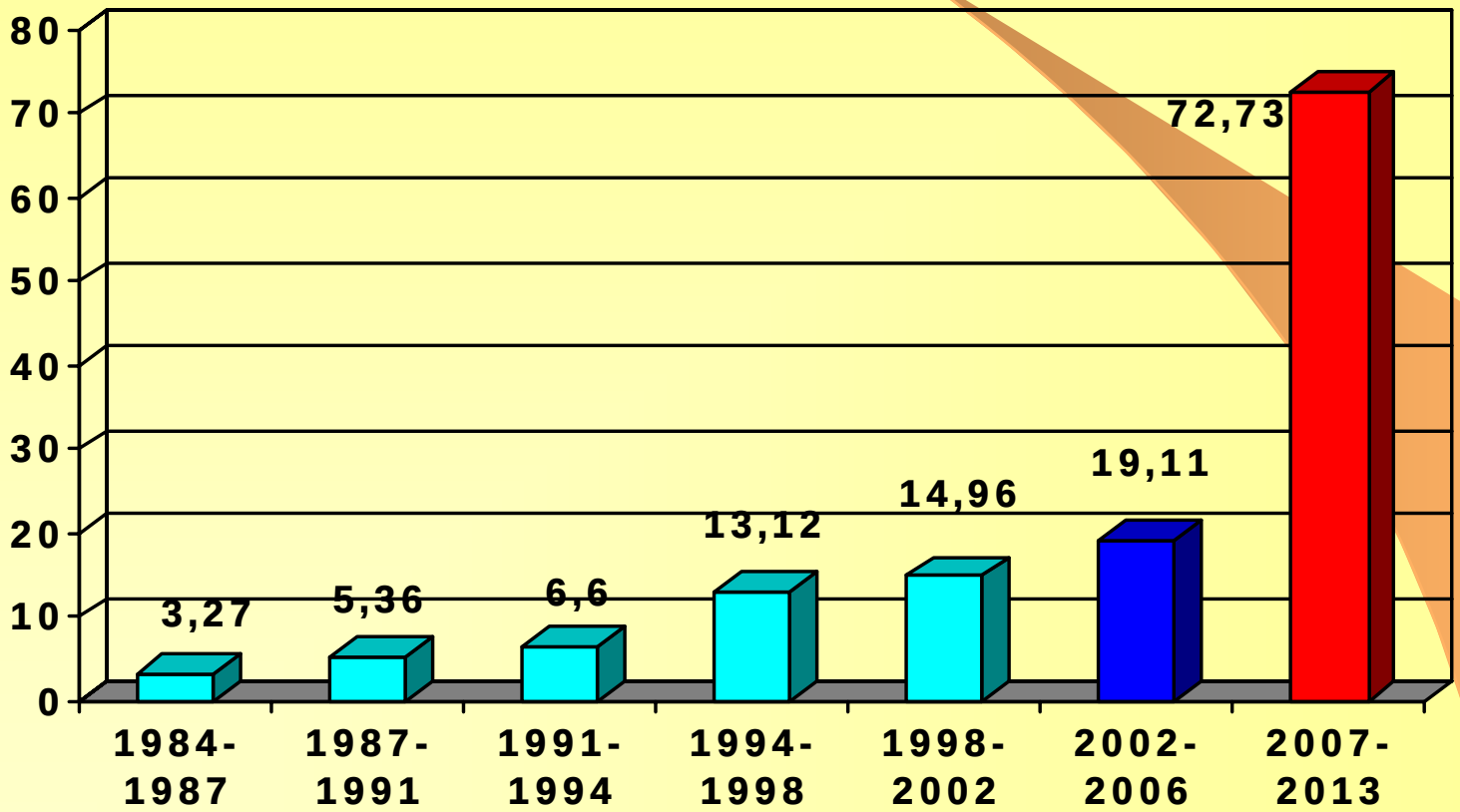
Towards a European Research Area 1/2

- The ERA comprises the following elements:
- Networking and integrating R&D potential at the European level. World class centres of excellence exist in practically all disciplines in Europe. Networks of Excellence as well as "virtual centres of excellence", which posses a critical mass of best European universities and companies are created
- More coherent use of public instruments and resources. So far, isolated national and European research programmes will be implemented in a more coordinated way and to foster closer relations between European organisations for scientific and technological cooperation.

Towards a European Research Area 2/2

- More dynamic private investment. It was decided to better use instruments of indirect support to research, and to develop effective tools to protect intellectual property by encouraging the creation of companies and risk capital investment.
- More abundant and more mobile human resources. It is important to step up the mobility of researchers, increase the place and role of women in research and to give the young a taste for careers in science.
- A dynamic European landscape, open and attractive to researchers and investments. It is decided to reinforce the role of the regions in European research, to integrate the scientific communities of western and eastern Europe and to make Europe attractive to researchers from the rest of the world. The regions are playing an increasingly positive role in research and innovation, benefiting from significant resources and launching initiatives to promote the development of links between universities, companies and research centres.

growing budget of the Framework Programmes



ERA – much more is needed…

we cannot stop in the middle of our way…

New Lisbon Strategy is required…

Triangle of Knowledge: education, research, innovation

Triangle of Knowledge

Programme	Description	Budget
7th Framework Programme	The central action in support the development of the knowledge economy	77 billion euro from 2007 to 2013
Structural and Cohesion Funds	Support less advanced regions in EU will have a strong focus on development R&D capacities	345 billion euro for 2007-2013
Competitiveness and Innovation Framework Programme	New programme aimed at enhancing European innovation capacity, through support to innovating SMEs, innovation networks, the dissemination of results, technology transfer and the funding of technology innovation through risk capital	4.2 bilion euro
Education and Training Programmes	Programmes such as Socrates and Leonardo da Vinci, are aimed at raising the capacity to produce, master and exploit knowledge in Europe through an integrated action on life-long education and training covering in particular university education and training of researchers	approx. 2 billion euro
The Quick-start Programme	The Quick-start programme identifies key areas for investment in network and knowledge. The split between private and public investment will vary depending on the type of projects supported.	total investments €60 billion for 2003 - 2010.

7th Framework Programme

***Cooperation* – Collaborative research**

***Ideas* – Frontier Research**

***People* – Human Potential**

***Capacities* – Research Capacity**

+

JRC (non-nuclear)

JRC (nuclear)

Euratom

Cooperation – Collaborative research

- Under each theme there will be sufficient flexibility to address both ***Emerging needs*** and ***Unforeseen policy needs***
- Dissemination of knowledge and transfer of results will be supported in all thematic areas
- Support will be implemented across all themes through:

Collaborative research
(Collaborative projects; Networks of Excellence; Coordination/support actions)

Joint Technology Initiatives

Coordination of non-Community research programmes
(ERA-NET; ERA-NET+; Article 169)

International Cooperation

People – Human Potential

Initial training of researchers
Marie Curie Networks

Life-long training and career development
Individual Fellowships
Co-financing of regional/national/international programmes

Industry-academia pathways and partnerships
Industry-Academia Scheme

International dimension
Outgoing International Fellowships; Incoming International Fellowships
International Cooperation Scheme; Reintegration grants

Specific actions
Excellence awards

Capacities – Research Capacity

6 parts

- Research Infrastructures
- Research for the benefit of SMEs
- Regions of Knowledge
- Research Potential
- Science in Society
- Activities of International Cooperation

1. Research Infrastructures

Support to existing research infrastructures:

Transnational Access

Integrating activities

Research e-infrastructures

Support to new research infrastructures:

Construction of new research infrastructures and major updates of existing ones

Design studies

5. Science in Society

- Strengthening and improving the European science system
- Broader engagement political and societal issues (inc. ethical issues)
- Science and technology and their place in society
- Gender research and the role of women in research
- Science education – curiosity and the participation of young people
- Policy for the role and engagement of universities
- Improved communication

6. Activities of International Cooperation

"Horizontal" support actions and measures not carried out in the *Cooperation* or *People* programmes

Two interdependent objectives:

Support competitiveness through strategic partnerships with 3rd countries in selected fields and by engaging the best 3rd country scientists to work in and with Europe

Address specific problems that 3rdcountries face or that have a global character, on the basis of mutual interest and mutual benefit

7th Framework Programme

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