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Community research

The *Capacities* Specific Programme within the



Robert-Jan Smits
**DG RTD.B – ERA: Research
Programmes and Capacity**





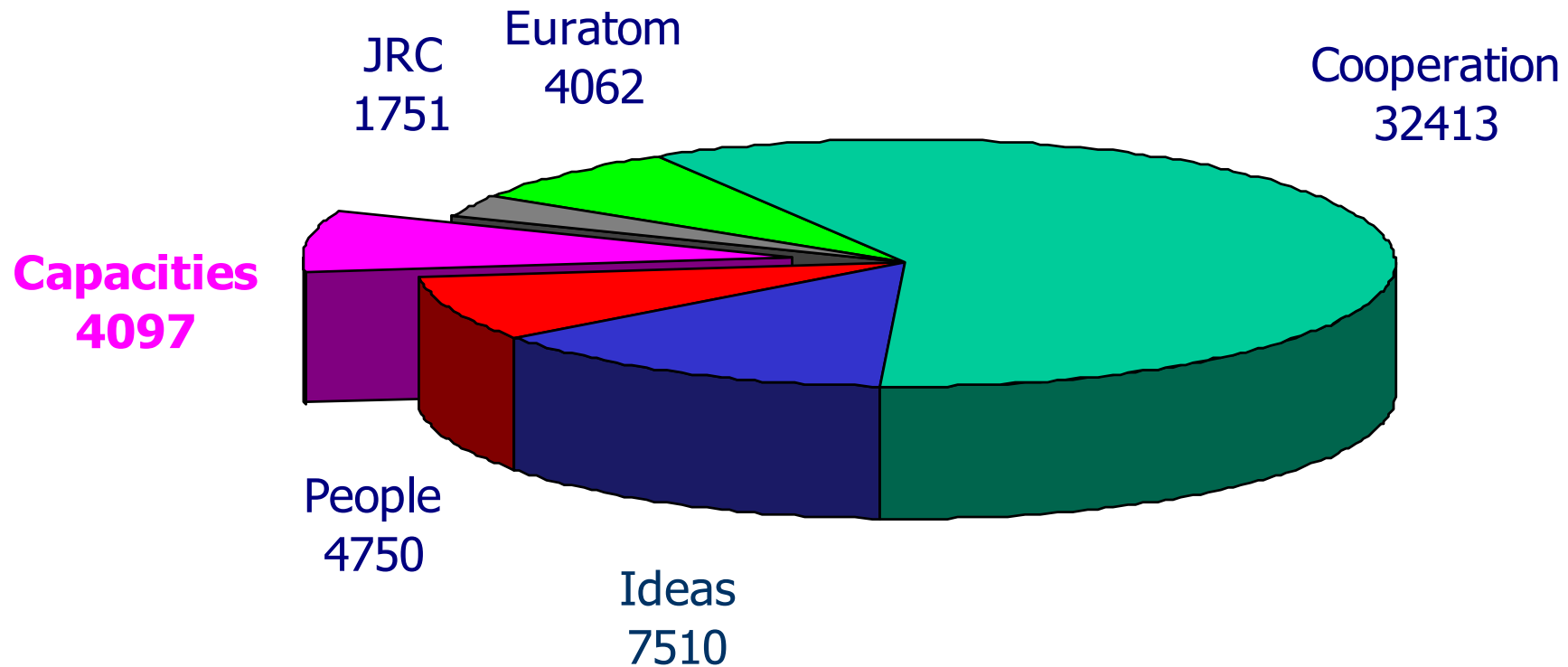
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FP7 2007 - 2013

Budget (M€)

Source: Council decision in December 2006





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Specific Programme *Capacities*

Objective

- Enhance Research and Innovation capacities throughout Europe
- Ensure optimal use

Approach

- Seven parts, each with own specificity
- Concurrent execution leading to synergies and maximising impact

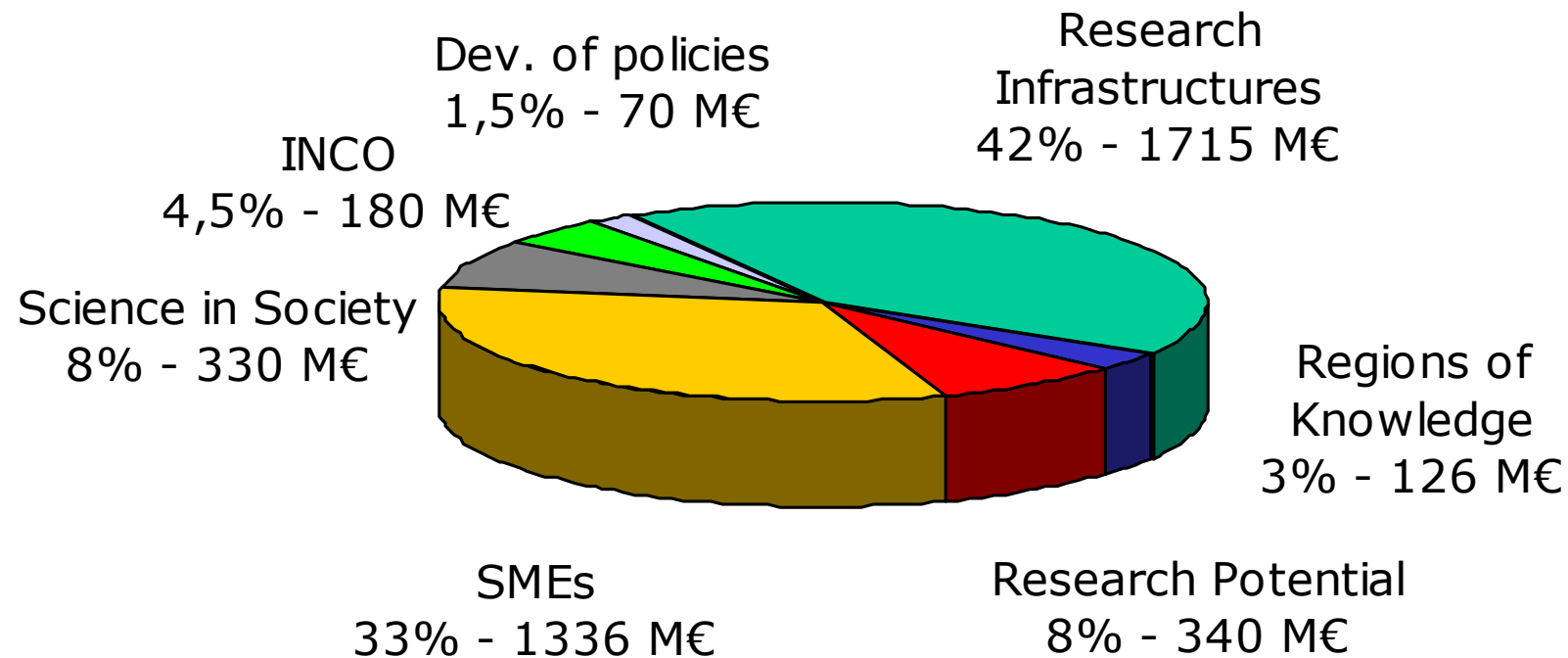




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Specific Programme *Capacities*

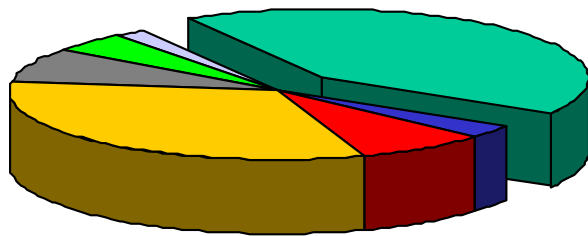




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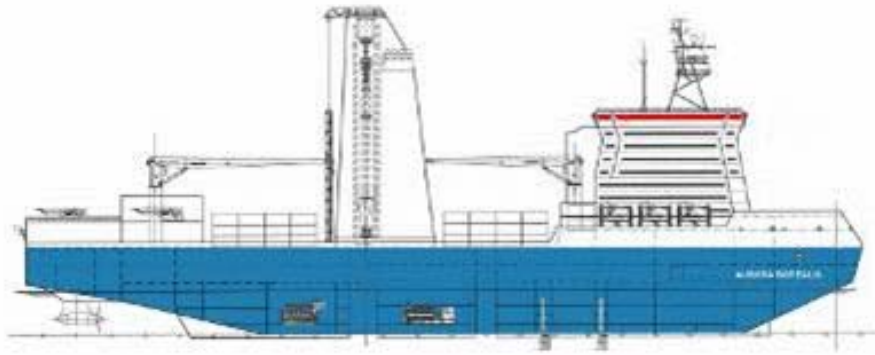
Research Infrastructures



**Research
Infrastructures
1715 M€**

Almost 30%
increase compared
to FP6





Definition of Research Infrastructures

- Facilities, resources, and related services used by the scientific community for
 - ➔ Conducting leading-edge research
 - ➔ Knowledge transmission, knowledge exchanges and knowledge preservation
- Includes
 - ➔ Major scientific equipment
 - ➔ Scientific collections, structured information
 - ➔ ICT-based infrastructures
 - ➔ Entities of a unique nature, used for research



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Objectives of the Community Research Infrastructures action

- Optimising the use and development of the best existing research infrastructures in Europe
- Helping to create in all fields of S & T new research infrastructures of pan-European interest needed by the European scientific community
- Supporting programme implementation and policy development (e.g. international cooperation)





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FP7 will continue supporting existing Research Infrastructures

- **Integrating Activities** to promote the coherent use and development of research infrastructures in a given field, *implemented through:*
 - A **bottom-up** approach for proposals open to all fields of science
 - **Targeted** approach with topics defined in cooperation with the FP7 thematic areas
- **ICT based e-infrastructures** in support of scientific research

580 M€
2007-2013

420 M€
2007-2013





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FP7 will also increase support to new research infrastructures

- **Design studies:** to support the conceptual design for new facilities or major upgrades, of clear European dimension and interest
 - through bottom-up calls
- **Support to the Construction of new infrastructures and major upgrades to existing ones**
 - Preparatory phase
 - Construction phase

70 M€
2007-2013

530 M€
2007-2013

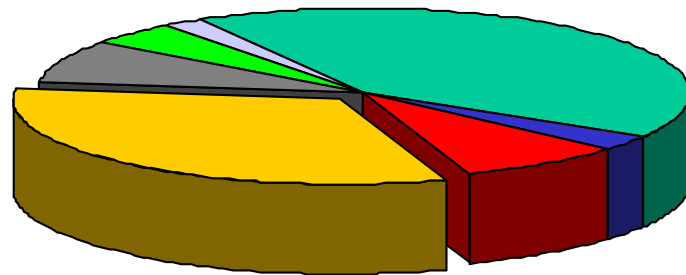




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Research for the benefit of SMEs



SMEs
1336 M€

Almost 50%
increase compared
to FP6





Research for the benefit of **SMEs**

Four complementary pillars of SME support in FP7			
Community Actions			Member States initiative
Optimized participation of SMEs	Dedicated scheme with special emphasis on SMEs	Budget increase for the two SME specific measures	Article 169 for research performing SMEs
"Cooperation"	"People"	"Capacities"	"Capacities"
Research performing SMEs	Mainly research performing SMEs	Research outsourcing	R&D performing SMEs
Thematic areas	Ind-academia pathways	Bottom-up approach	Market oriented, bottom-up





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SMEs specific actions

Target groups

Research for SMEs:

- Mainly low to medium technology SMEs (with little or no research capability)
- Research intensive SMEs that need to **outsource** research to complement their core research capability

Research for SME associations:

- SME associations which are normally best placed to know or identify the common technical problems of their members





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SME specific actions

Coordination & support actions

- Dissemination and exploitation of results; identification and exchange of good practice;
- **EUROSTARS: article 169 initiative;**
- ERA-NET targeting the co-ordination of national/regional programmes targeting SMEs in a similar way to Research for SMEs and Research for SME associations;
- Support to national schemes providing financial means to prepare proposals for actions under 'Research for the Benefit of SMEs' ("exploratory awards");
- Transnational cooperation among NCPs

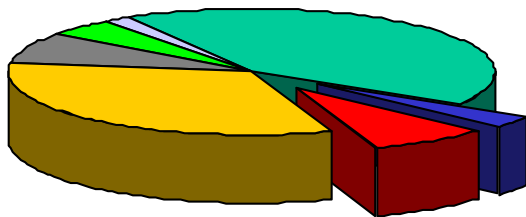




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The Regional Aspects under FP7



**Research
Potential
340 M€**

**Regions of
Knowledge
126 M€**





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Increased Research Capacity of European Regions

- aim:
- * to intensify role of RTD in economic development
 - * to invest in research

actions:

- * to improve links between stakeholders
- * to foster transnational cooperations
- * to enhance mutual learning of regional actors
- * to exchange experience and best practice
- * to *develop joint action plans*





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Two lines of action...

... but NO funding of research

“Regions of Knowledge”

- for **ALL** European regions
- to encourage and support the **development of « regional research driven clusters »**

“Research Potential”

- for **Convergence & Outermost** regions
- to unlock and develop their research potential
- to help researchers to successfully participate in research activities at EU level
- specific actions for WBC





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Expected Impacts

Regions of Knowledge:

- **Regional economical growth** in selected domains
- **Response to the needs** of regional communities
- **Mobilisation** of local, national and community funds to implement defined ***regional "action plans"***

Research Potential:

- **Optimisation** of international exposure and recognition, leadership potential, quality of scientists
- **Increase** of visibility of their research groups and of participation in the ERA/FP

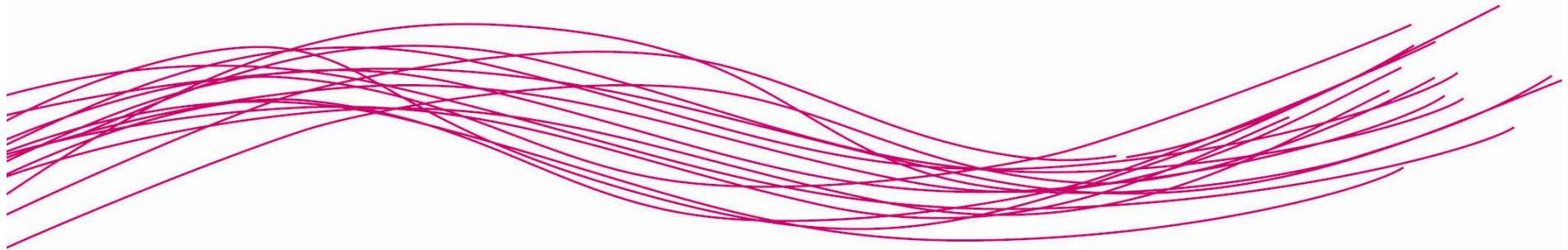




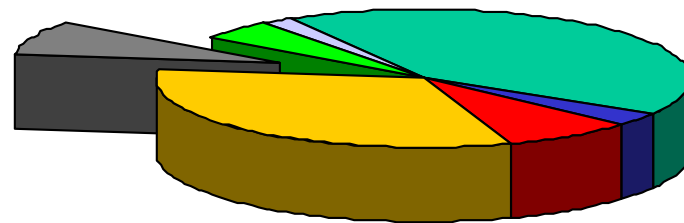
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Science in Society



**Science in
Society
330M€**





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Science in Society

Science in Society - 3 Action Lines

1. A more dynamic governance of the science and society relationship

- more direct focus on social needs and interests
- richer forms of engagement of citizens and organised civil society in research and research-based policies





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Science in Society

Science in Society - 3 Action Lines

2. Strengthening potential, broadening horizons

- boost gender equality in research
- take up of science studies and science careers by young people

3. Science and Society communicate

- how scientists and wider society communicate with each other
- address the feelings of citizens as regards potential benefits of science



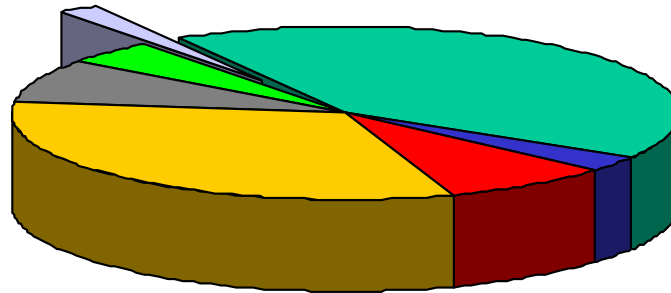


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Coherent development of policies

Coherent
development
of policies
70M€

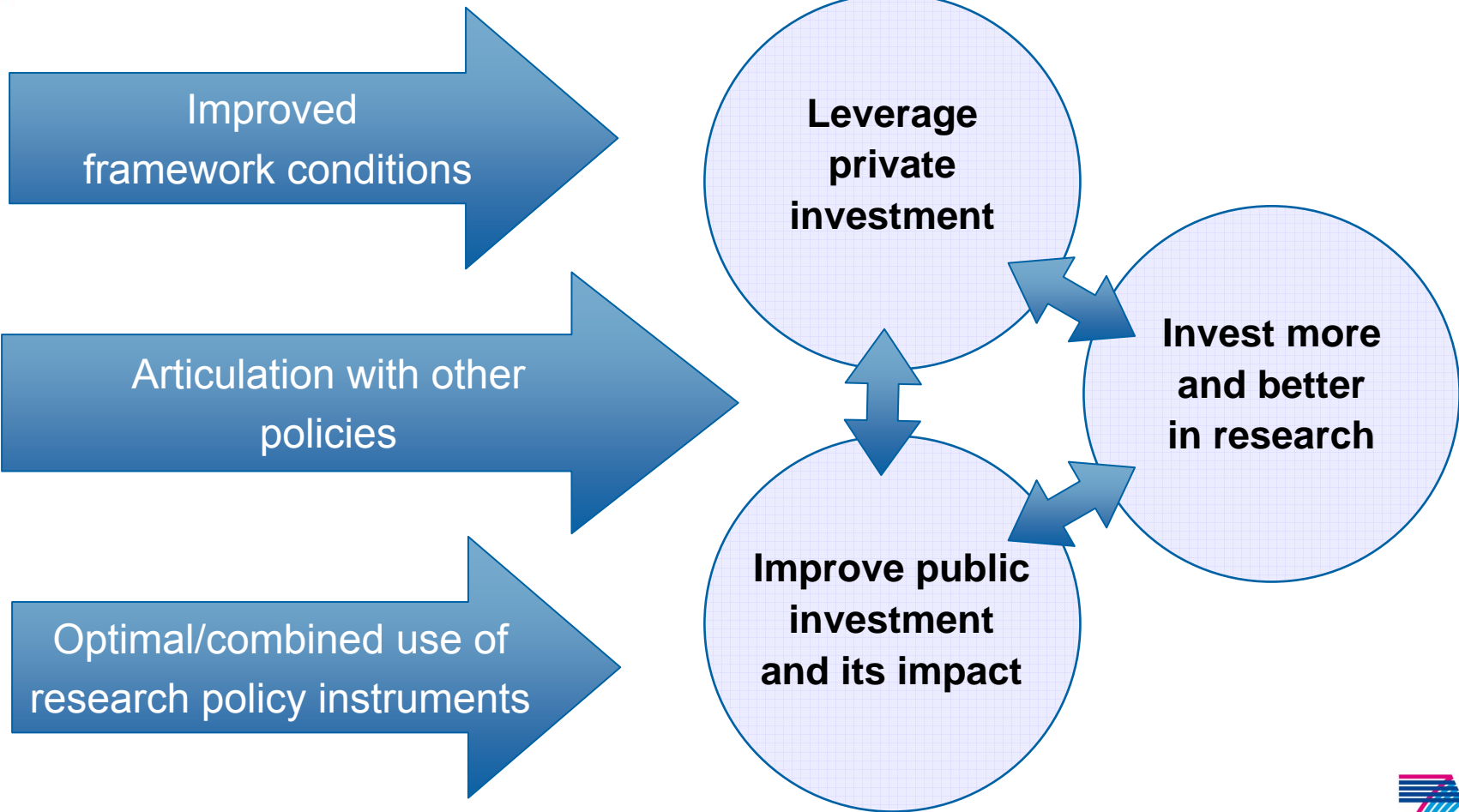




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Coherent development of policies: objectives





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Coherent Development of Research Policies

Monitoring and analysis of research related public policies/industrial strategies:

- Information and intelligence service (ERAWATCH)
- Industrial research investment monitoring
- Indicators on research activity and its impact on the economy

Coordination of research policies:

- Implementing the Open Method of Coordination
- Bottom-up initiatives undertaken by several countries and regions (OMC-NET)



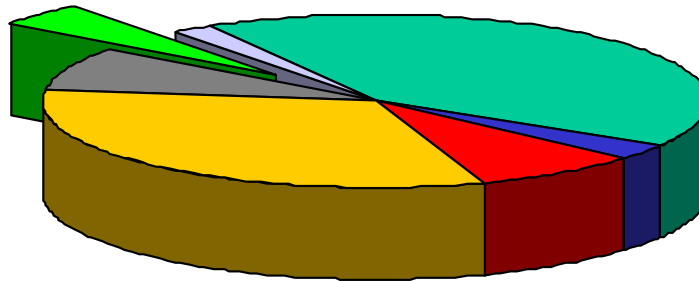


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International Cooperation

**International
Cooperation
180M€**





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CAPACITIES - International Cooperation

Aim :

- Coordination of the international cooperation actions under the different Specific Programmes and across Cooperation Themes
- Ensure a coherent approach and develop synergies with other Community policies (RELEX, DEV, Trade, ENV...)





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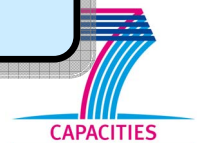
CAPACITIES - International Cooperation

Work Programme 2007-2008, 3 activities are proposed:

Bi-regional Coordination of S&T Cooperation
(INCO-NET)

Bilateral S&T Cooperation Partnerships

Coordination of National INCO Policies
and Activities (ERA-NET)





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Thank you for your attention!

Robert-Jan Smits

