



EUROPEAN  
COMMISSION

Community research

**The **Seventh**  
Framework  
Programme  
2007-2013**

**TRANSPORT**

**Programme**

**Committee**

**4 July 2006**

# Specific Programmes – 54,244 M€

***Cooperation*** – (Collaborative research) – 32,203 M€

***Ideas*** – (Frontier Research) – 7,532 M€

***People*** – (Human Potential) – 4,577 M€

***Capacities*** – (Research Capacity) – 4,121 M€

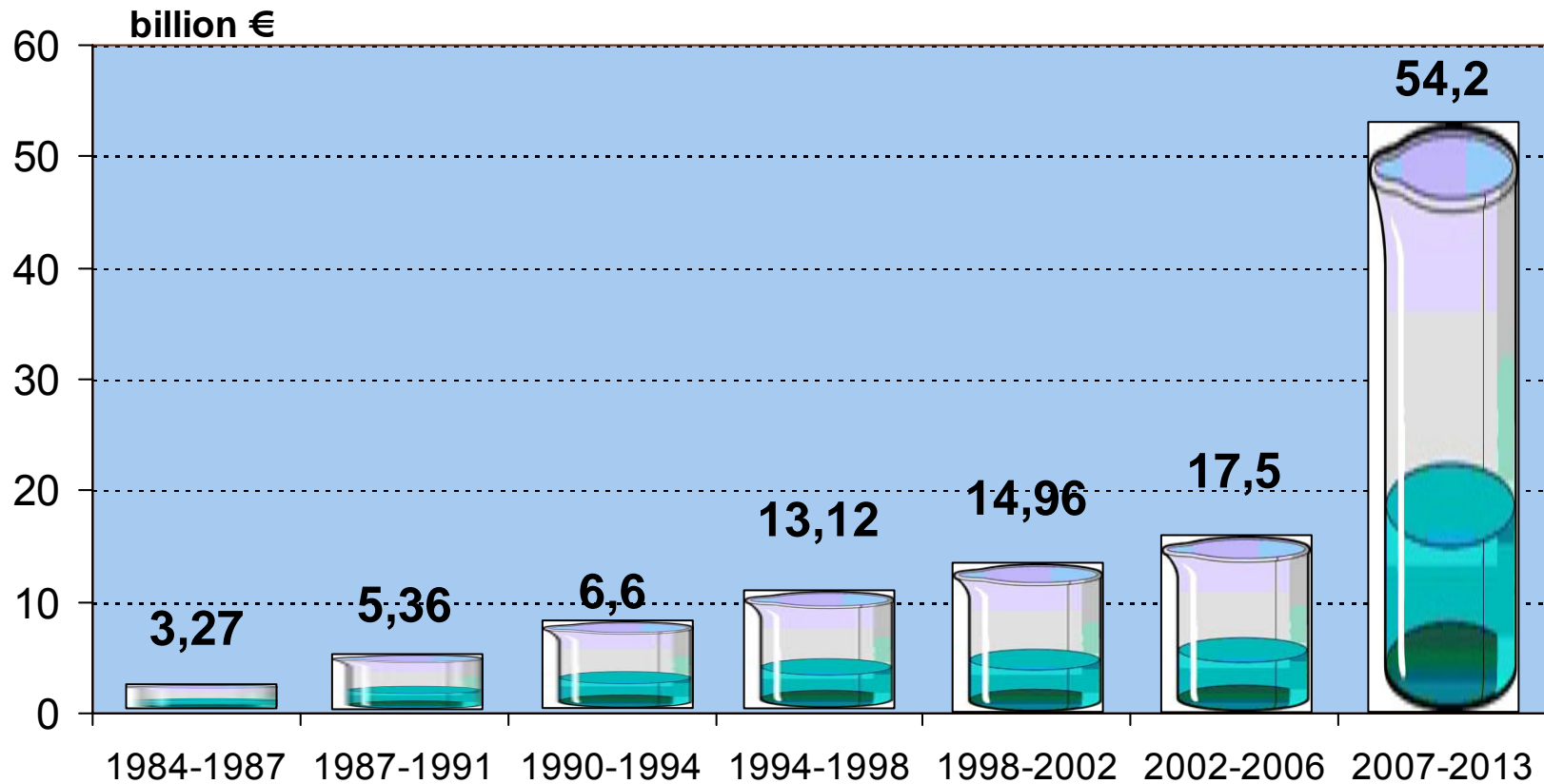
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JRC – FP7 (direct action) – 1,749 M€

JRC – Euratom (direct action) – 750 M€

Euratom (indirect action) – 3,312 M€

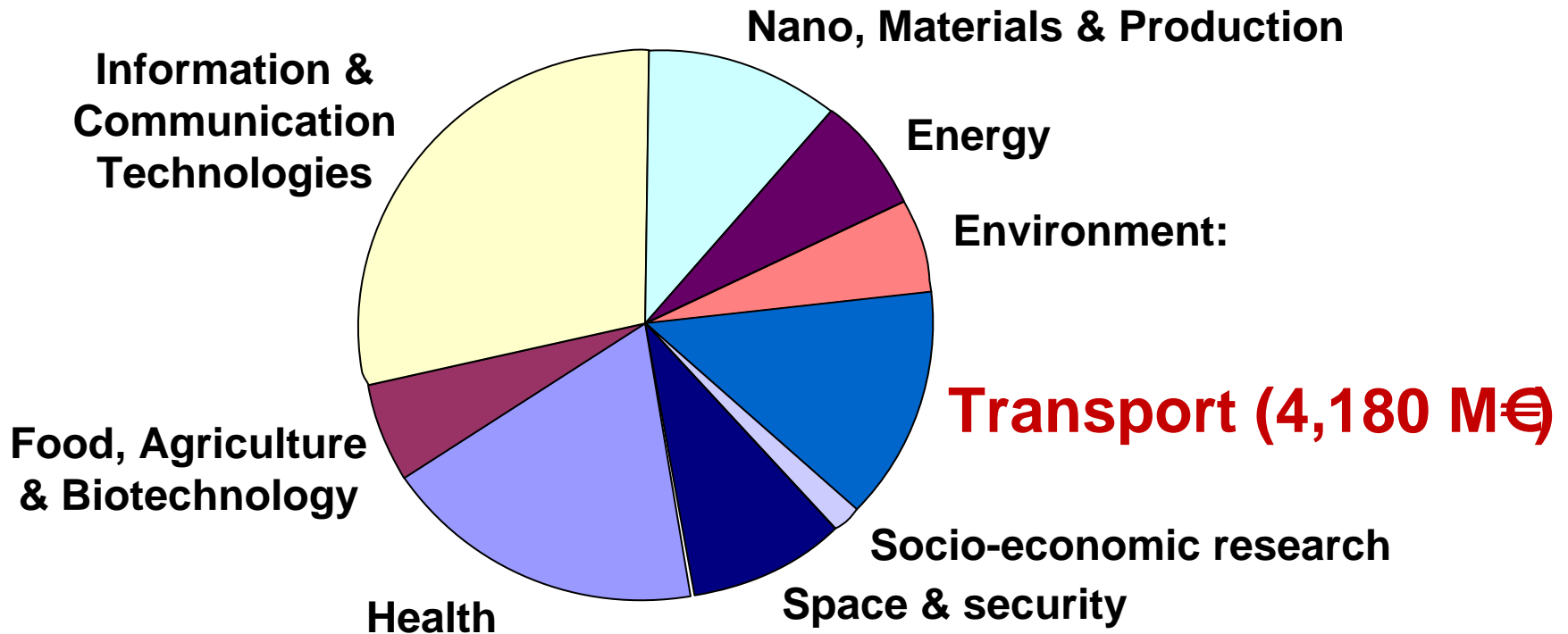
# Budget of Framework Programmes



# Cooperation – 9 themes

- 1. Health – 5,984 M€**
- 2. Food, Agriculture and Biotechnology – 1,936 M€**
- 3. Information & Communication Technologies – 9,080 M€**
- 4. Nano-sciences, Nanotechnologies, Materials & New Production Technologies – 3,467 M€**
- 5. Energy – 2,236 M€**
- 6. Environment (including Climate Change) – 1,886 M€**
- 7. Transport – 4,180 M€**
- 8. Socio-economic Sciences and Humanities - 607 M€**
- 9. Security and Space – 2,858 M€**

# SP1- Cooperation (32,203 M€)





# 7. Transport

(4,180 M€)

**Aeronautics & Air Transport**

**Surface Transport (Rail, Road & Waterborne)**

**Support to the European global satellite navigation system (Galileo)**



# Overall Objectives

- Develop **integrated**, “**greener**” and “**smarter**” pan-European transport systems for
  - *the benefit of all citizens and society*
  - *respecting the environment and natural resources*
- Secure and further develop the **leading role of European industry** in the global market



# Surface Transport

## *Proposed Objective-Oriented Research Themes*

1. Creating **greener** surface transport
2. Encouraging **modal shift** and decongesting transport corridors
3. Ensuring sustainable **urban mobility**
4. Improving **safety and security**
5. Strengthening **competitiveness**





# Surface Transport Research Themes

## ***1. 'Greening' Surface Transport***

- Development of clean and efficient engines
- Reduction of environmental and noise pollution
- Development of advanced low-mass materials, structures and components for optimal environmental performances
- End of life strategies for vehicles (dismantling, recycling, re-use)

# Surface Transport Research Themes

## ***2. Encouraging modal shift & decongesting transport corridors***

- Innovative, intermodal and interoperable transport networks
- Infrastructures and systems in Europe
- Internalisation of external costs
- Interactions between vehicle and infrastructure
- Optimisation of infrastructure capacity

# Surface Transport Research Themes

## ***3. Ensuring sustainable urban mobility***

- Innovative organisation schemes
- Safe and non-polluting means of transport (for people and goods)
- Improved public transport modes
- Rationalisation of private transport
- Communication and information infrastructure

# Surface Transport Research Themes

## ***4. Improving safety & security***

- Design of vehicles for safety and security
- Intelligent safety
- Integrated safety (including human-machine interfaces)
- Post-crash rescue
- Training systems

# Surface Transport Research Themes

## ***5. Strengthening competitiveness***

- New production organisations
- Competitive product development
- Cost effective manufacturing and maintenance
- Advanced and low cost infrastructure construction concepts
- Innovative product concepts

# SP1- Cooperation

- ***Collaborative research*** largely expected to continue along lines of FP6 with ***similar instruments***
- Discussions concerning ***financial rules*** underway with an emphasis on simplification
- ***Budget*** are expected to be ramped with first calls being at FP6 levels



# **SP1 - Cooperation**

## ***Instruments of Implementation***

### **Collaborative research**

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

### **Joint Technology Initiatives**

**(Article 171)**

### **Coordination of non-Community research programmes**

**(ERA-NET; ERA-NET+; Article 169)**

### **International Cooperation**

# FP7 “Transport” Budget Breakdown

- **Total for FP7: 54,244 M€**
- **Total for “Cooperation”: 32,203 M€**
- **Total for “Transport”: 4,180 M€ (7,65%)**
  - DG TREN: 1,054 M€
  - DG RTD: 3,096 M€
- **Aeronautics / Surface Transport: similar to FP6**



# FP7 Timetable

April 2005	Commission's proposal
September 2005	Specific programmes' proposal
May 2006	First reading at European Parliament
September 2006?	Common position at Council
October 2006?	Second reading and approval at EP
<b>November 2006?</b>	<b>Adoption of Framework Programme</b>
January 2007?	First calls for proposals
<b>February 2007</b>	<b>Launch conference</b>