

# Benefiting through the European Commission Framework Programme to strengthen the innovation in the Baltic States

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## Overview

- Benefits for innovation and research from participation in EC funded projects
- Overview of the Framework Programme 7
- Success rate of the Baltic countries

## Cooperation through European Funding

- Types of cooperation,  
that lead to innovation in businesses
- **Research cooperation** with R&D organisations or/and enterprises
- **Development cooperation** for example problem solving or adaptation of research results
- **Purchase** of technological solutions or the acquisition of licenses
- Informal forms of cooperation: **learning through Good Practices, examples and role models**



## Benefits of Participating in European Cooperation

- Provision of **financial support** for your innovation
- Many opportunities for **new technologies** / products Part funding input
- Risk Spreading
- Productive partnerships
- **Access to missing capabilities** - Interdisciplinary research
- Expansion of horizons and markets
- **Forming Networks**
- New contacts – European (and World) wide
- Marketing Effects – public visibility

## Innovation through Cooperation

### Advantage

- Higher budgets possible
- Sharing of risks
- Partnerships with abroad European wide
- Access to Know-how & Ideas



### Disadvantages

- Cooperation needs a good management and coordination
- IPR shared
- Compromising in targets

## What is the Seventh Framework Programme?

- The Seventh Framework Programme (2007-2013) of the European Community for Research, Technological Development and Demonstration Activities
- Budget about 50 billion €
- Building the Europe of Knowledge
- The biggest public funded Research Programme in the World
- FP7 is designed to generate **new knowledge**, new innovative technologies and new intellectual property for Europe to compete with the most important Economy of the world, mainly USA and Japan



## The overall "Framework"

### COOPERATION

Collaborative trans-national  
research activities

Industry, universities, res.  
centres, public authorities

**10 Themes**

Cooperation

### IDEAS

Funding for **basic** or "frontier"  
research by individual teams  
competing at European level

*Creativity & dynamism:  
"investigation-driven research"*

Ideas

### PEOPLE

Initiatives in support of training,  
mobility and career  
development, to strengthen EU  
human resources.

"Marie Curie" actions

People

### CAPACITIES

Development of research  
infrastructures; Support to  
regional clusters; SMEs; Science  
in Society; International  
cooperation

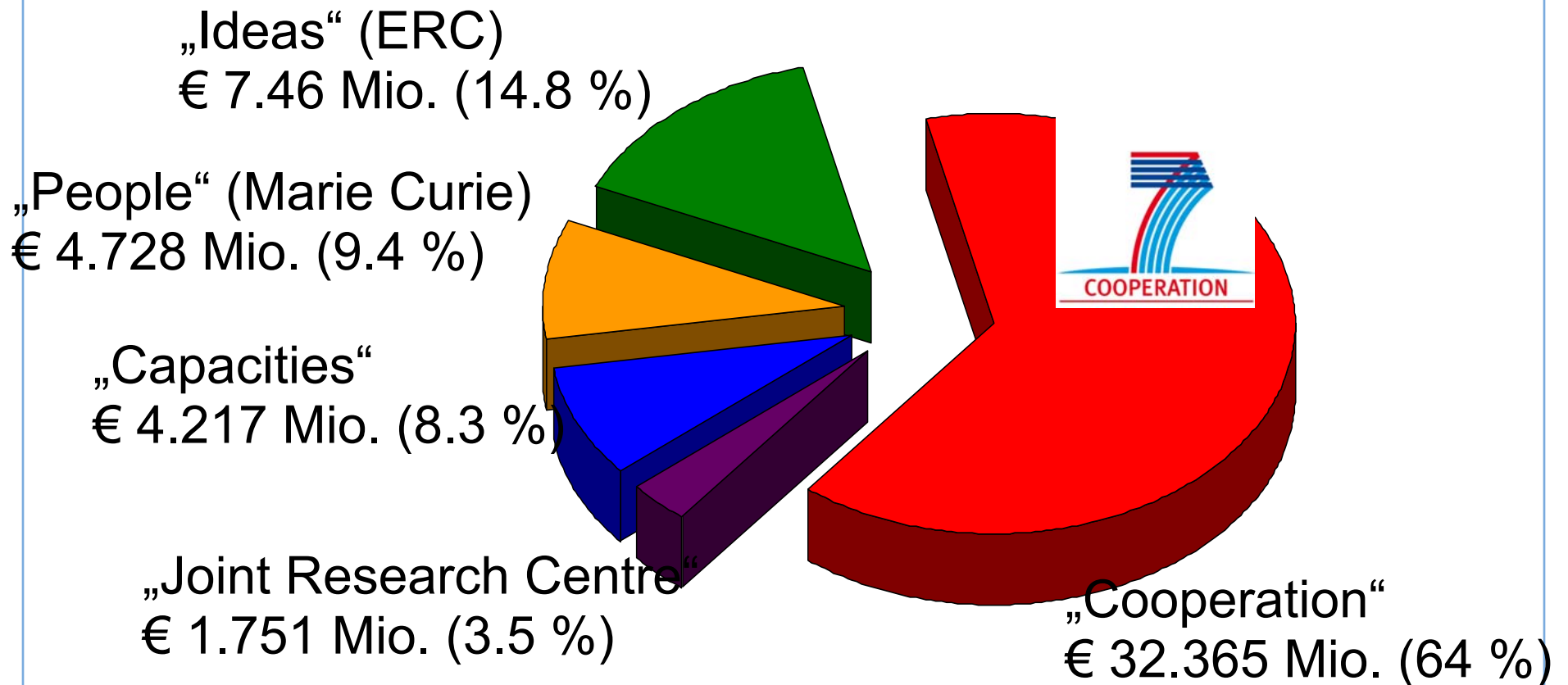
Capacities

Euratom

JRC

# Framework Programme

EURATOM CAPACITIES  
IDEAS SOCIETY  
COOPERATION



## FP7 - Specific Programmes

### COOPERATION – Collaborative research



- **Health**
- **Food, agriculture and biotechnology**
- **Information and communication technologies**
- **Nanosciences, nanotechnologies, materials and new production technologies**
- **Energy**
- **Environment (including climate change)**
- **Transport (including aeronautics)**
- **Socio-economic sciences and the humanities**
- **Space**
- **Security**

## **FP7 - Specific Programmes**

### **IDEAS – Frontier Research**

- **Frontier research**
- **Support to individual teams, to promote excellence through Europe-wide competition**
- **Simplified grant mechanism**

## **FP7 - Specific Programmes**

### **PEOPLE – Human Potential**

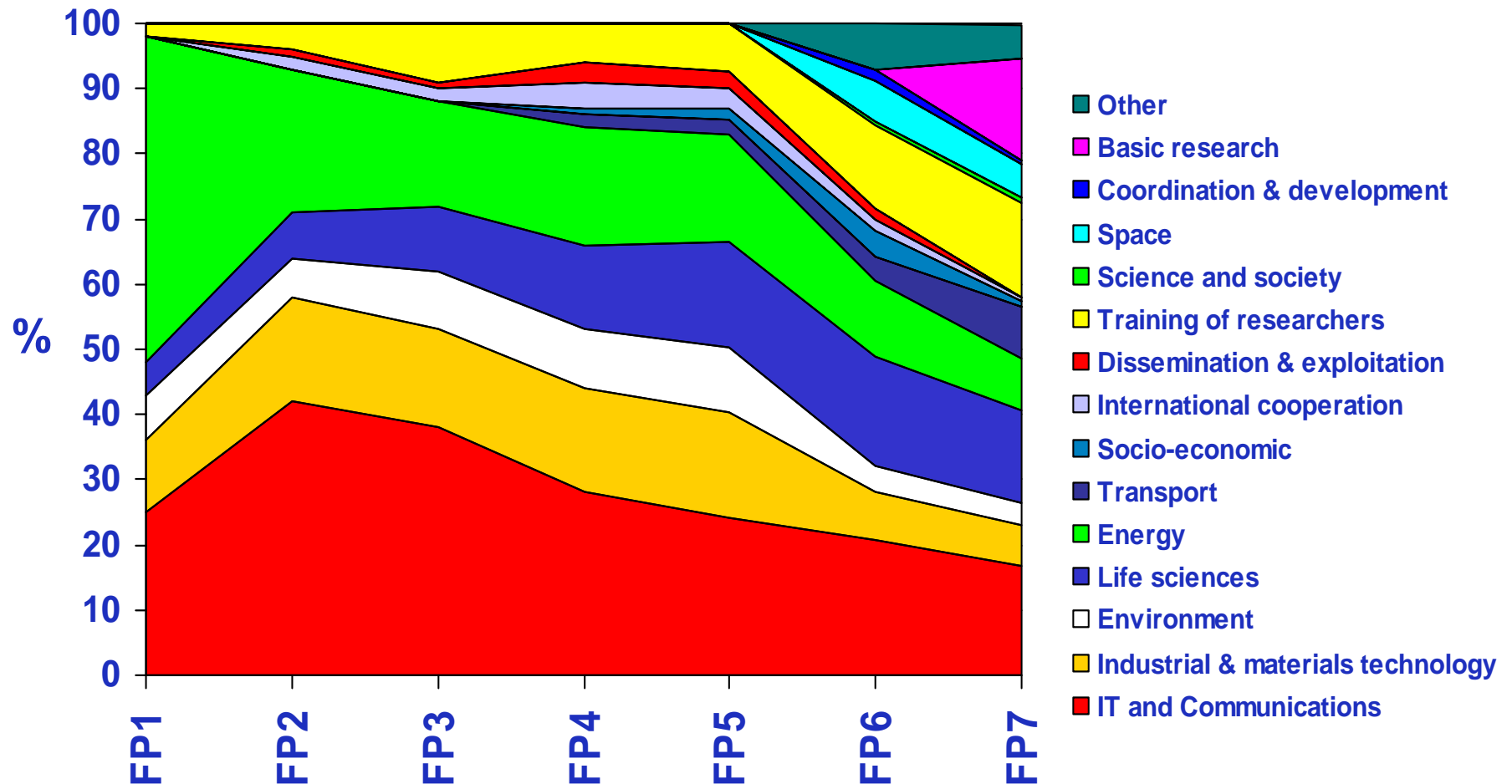
- **Initial training of researchers**
- **Life-long training and career development**
- **Industry-academia pathways and partnerships**
- **International dimension**
- **Specific actions**

## **FP7 - Specific Programmes**

### **CAPACITIES – Research Capacity**

- **Research Infrastructures**
- **Research for the benefit of SMEs**
- **Regions of knowledge**
- **Science and Society**
- **Activities of international cooperation**

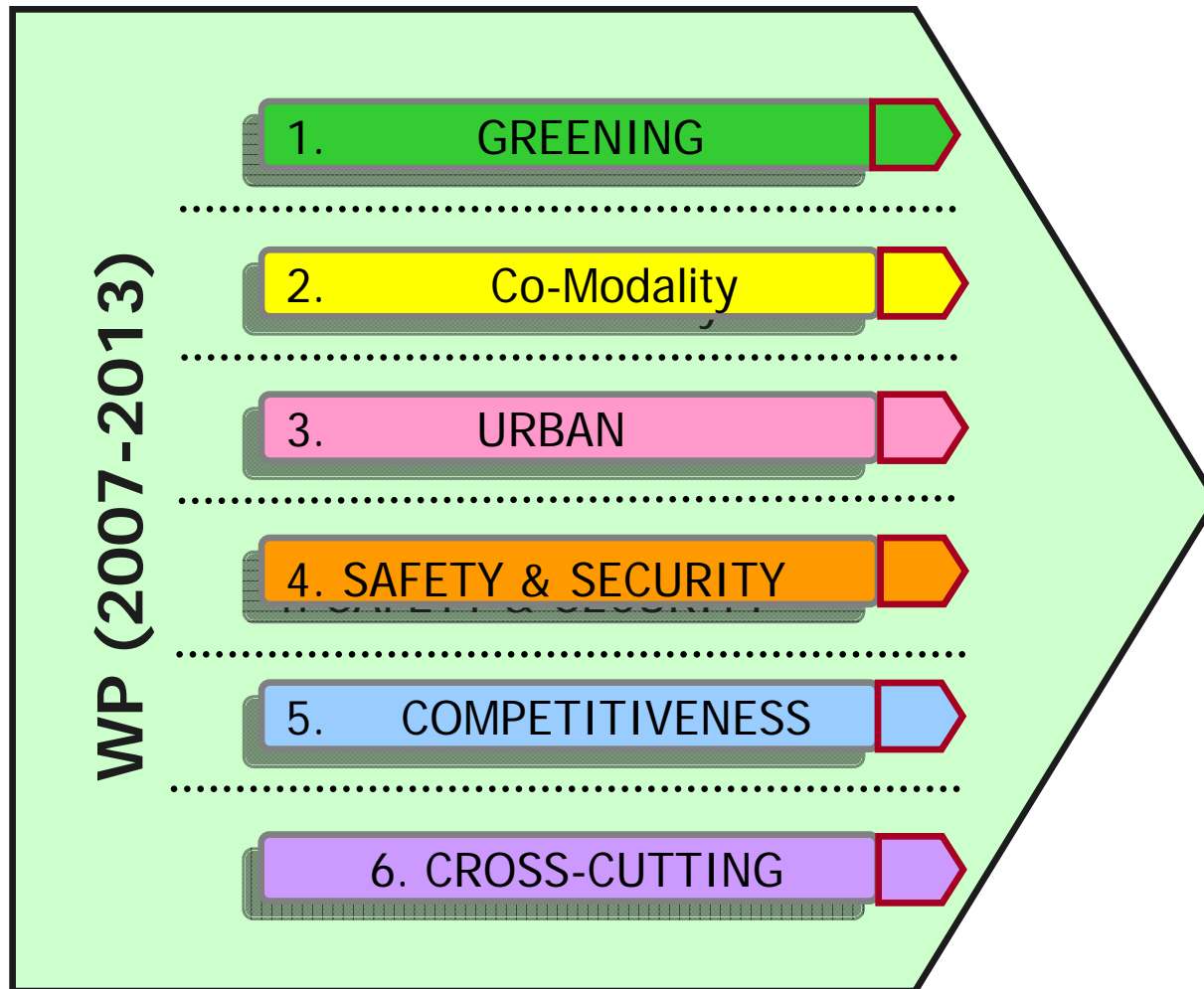
## EU research: changing priorities



## FP 6 Maritime Related Projects (around 70 projects)

- Efficient, environmentally friendly and safe shipping
- Environment.
- Emissions
- Ballast water management
- Oil spill response
- Prevention
- Data collection and analysis
- Decision Support Systems.
- Surveys and maintenance
- Port management
- Design
- Gas terminals
- Shipping routes and navigation safety.
- Efficient shipping

## FP7 THIRD CALL (WP2010) 30 JULY 2009



- **Greening** of surface transport
- Encouraging **co-modality** and **decongesting** transport corridors
- Ensuring sustainable **urban mobility**
- Improving **safety and security**
- Strengthening **competitiveness**

## Success rate in Framework Programme 7 for Baltic countries (2007-2009)

<https://webgate.ec.europa.eu/e-corda>

Framework Programme 7 (1st and 2 call)	Estonia <b>EE</b>		Latvia <b>LV</b>		Lithuania <b>LT</b>	
	Projects	Partners	Projects	Partners	Projects	Partners
Submitted proposals	676	805	396	486	627	755
Retained for financing	90	107	46	66	60	66
Coordinators	15		6		0	
EC funding, €	18 900 827		6 799 238		63200142	
Financed rate	13 %		12 %		10 %	

**EU TOTAL 37 698/187 532 (3 551/21 497) 6 652 034 290 - 9 %**

## Success rate in Framework Programme 7 for Baltic countries (2007-2009)

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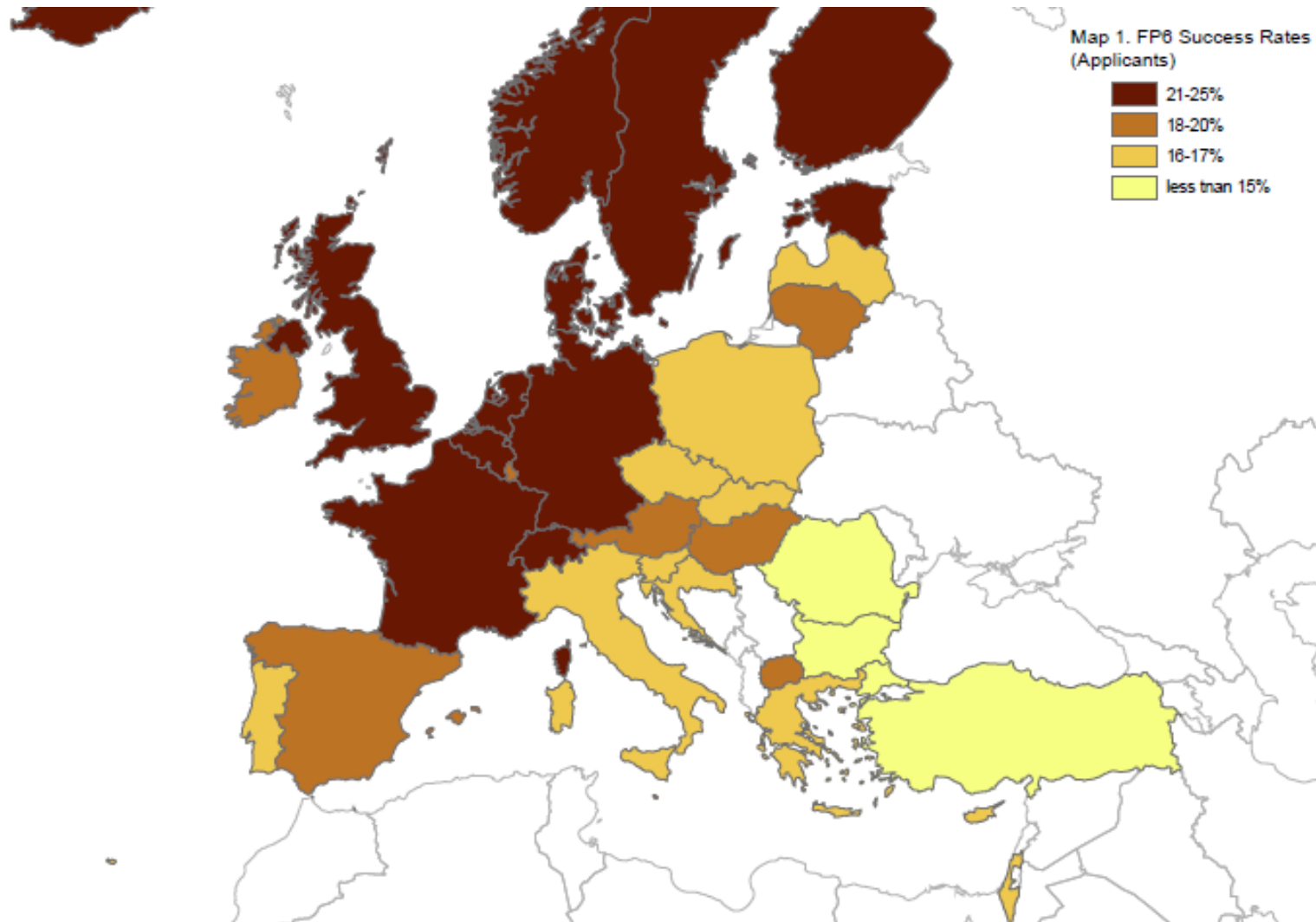
Framework Programme 7 (1st and 2 call)	Estonia <b>EE</b>	Latvia <b>LV</b>	Lithuania <b>LT</b>
<b>MAINLIST*</b>	<b>143</b>	<b>76</b>	<b>104</b>
RESERVE	31	25	34
REJECTED	442	265	439
<b>INELIGIBLE</b>	<b>18</b>	<b>17</b>	<b>16</b>
Not finalised	42	13	34
Total number of projects submitted	<b>676</b>	<b>396</b>	<b>627</b>
<b>Success rate</b>	<b>21 %</b>	<b>19 %</b>	<b>17 %</b>

## Success rate in Framework Programme 6 for Baltic countries (2002-2006)

<https://webgate.ec.europa.eu/e-corda>

Framework Programme 6	Estonia <b>EE</b>		Latvia <b>LV</b>		Lithuania <b>LT</b>	
	Projects	Partners	Projects	Partners	Projects	Partners
Submitted proposals	1509		1027	1205	1335	1598
Retained for financing	90	107	217	240	279	354
EC funding, €	33 815 199		21 394 545		27 060 122	
Success rate	<b>22%</b>		<b>21 %</b>		<b>22%</b>	

## Framework Programme 6 success rate per country



# Benefits for Riga Technical University Institute of Materials and Structures from FP-5; FP-6 and FP-7 projects



<b>FP-5</b>	1998	1999	2000	2001	2002	2003							
<b>FP-6</b>					2002	2003	2004	2005	2006	2007	2008	2009	
<b>FP-7</b>										2007	2008	2009	

**FP-5: 3 EC funded projects**

**FP-6: 11 EC funded projects**

**FP-7: 3 EC funded projects**

adVanced composite  
**sandWich**  
steel structures



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