



FFG

**The 7<sup>th</sup> EU Framework Programme for  
Research, Technological Development and  
Demonstration  
(FP7 2007-2013)**

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Division European and International Programmes (EIP)



**Information meeting on programs  
for cooperation in higher education  
and research between the  
European Union and the United  
States of America**

City University of New York  
October 24, 2006



# Content



- The Division of European and International Programmes at FFG
- Basis for future Cooperation
- Programmes and Funding Opportunities
- RTD Cooperation USA – Austria
- Austrian Research Landscape
- Next steps

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# About FFG – Division of European and International Programmes (EIP)



- Established in 2004
- Largest Austrian Funding Agency, app. 420 Mio Euro 2006
- 4 Divisions, one of them EIP: European and International Programmes (previously BIT)

# Division of European and International Programmes (EIP)



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- Objectives: Strengthening the Austrian participation in international R&D Programmes (FP!!)
- Activities: Awareness, Information, Consultation, Coaching, international Networking (Consortium building), Representation of Austrian interests in the network of National Contact Points (NCP), Monitoring of Austrian participation in FP.
- Measures: Information and Training events, Workshops and Seminars, One-on-one meetings, Cooperation with intermediary organisations
- Kick-off and launch conference and campaign for FP7

## Where do we stand at the end of FP6



- >35.000 proposals submitted incl. >300.000 teams
- 6500 proposal retained for funding incl. 60.000 teams
- Success rate app. 20%
- Participating organisations:
  - 34% HEI
  - 24% companies (14% SMEs)
  - 26% research organisations
  - 14% others

## AT Results in FP6 (March 2006)



- 114% return on investment in FP participation, app. 300 Mio Euro
- app. 1040 proposals suggested for funding, incl. 1650 participations of which 170 AT coordinated proposals.
- Types of organisations:
  - 38% HEI
  - 24% companies (16% SMEs)
  - 21% Research Organisations



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## 7<sup>th</sup> Framework Programme – most importantly



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- Duration: 2007 - 2013
- Annual budget EUR 4,5 billion to 7 billion

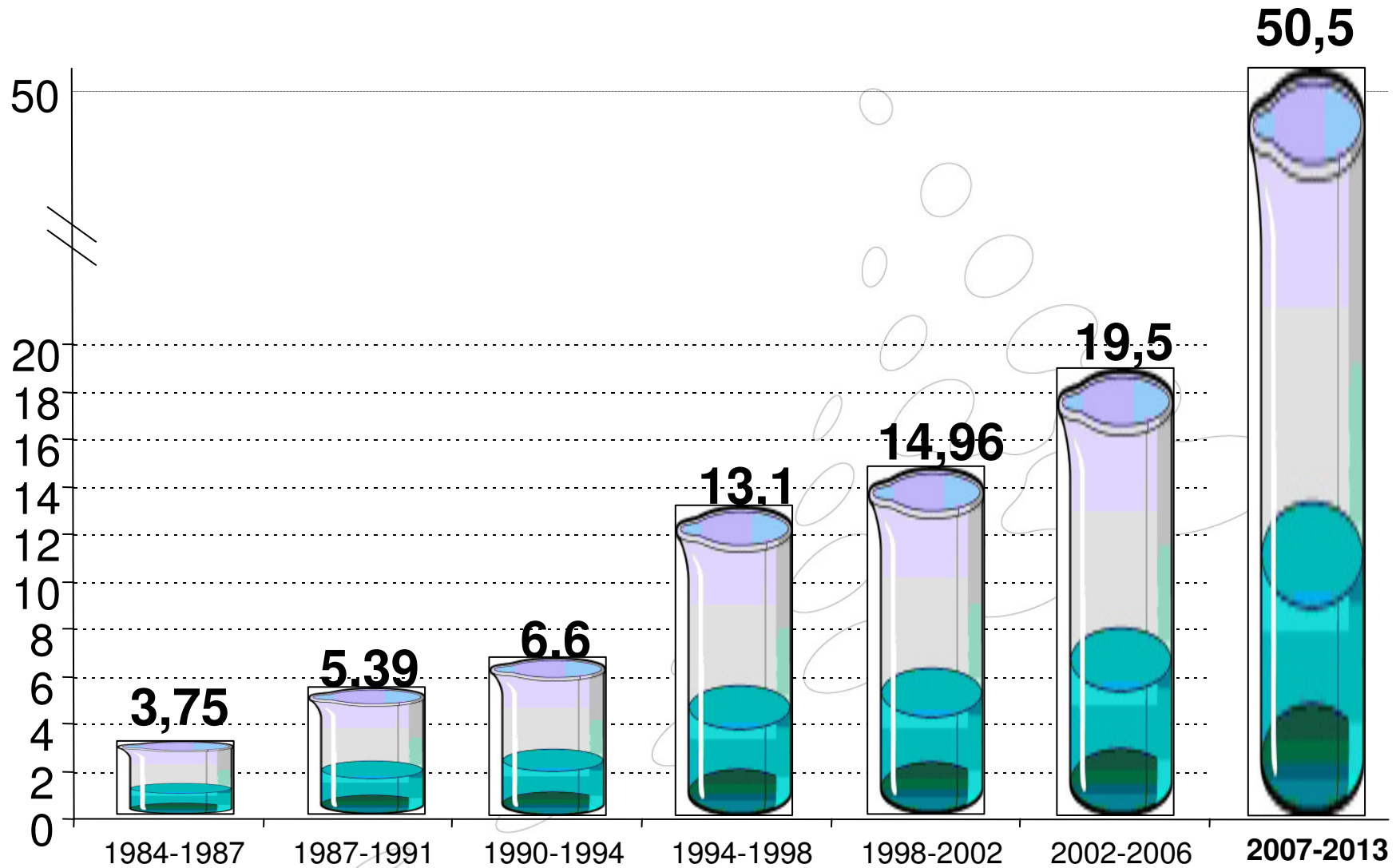
### **New in FP7:**

- „Excellence Strategy“
- Frontier Research (1 billion EUR p.a.) and European Research Council
- EIT – European Institute of Technology
- Simplification
- New dimension of cooperation with industry: technology platforms and joint technology initiatives.
- Additional Topics: Security Research

# Development of FP Budgets



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# FP7 Structure



***COOPERATION*** – Collaborative research

***IDEAS*** – Frontier Research

***PEOPLE*** – Human Potential

***CAPACITIES*** – Research Capacity

# FP7 Budget



## Cooperation

**32.365**

Health

6.050

Biotech, Food, Agriculture

1.935

Information Society

9.110

Nanomaterials Production

3.500

Energy

2.300

Environment

1.900

Transport

4.180

Socio-economic Research

610

Security and Space

2.780

## Ideas

**7.460**

## People

**4.728**

## Capacities

**4.217**

**Total: 50.521 Mio. EUR**

(incl. Joint Research Centre 1.700 Mio. €)

# FP7/6 Budget: Comparison



	<b>total</b>	<b>%</b>
<b>Cooperation</b>	<b>32.342</b>	<b>+35</b>
Health	6.050	+24
Biotech, Food, Agriculture	1.935	+34
Information Society	9.110	+19
Nanomaterials Production	3.500	+26
Energy	2.300	+31
Environment	1.900	+28
Transport	4.180	+36
Socio-economic Research	610	+28
Security and Space	2.780	+175
<b>Ideas</b>	<b>7.460</b>	
<b>People</b>	<b>4.728</b>	<b>+56</b>
<b>Capacities</b>	<b>4.217</b>	<b>+61: SMEs</b>

# „COOPERATION“



More than 50% of budget into thematic priorities

10 themes:

- Health
- Food, Agriculture and Biotechnology
- Information and Communication Technologies
- Nanosciences, Nanotechnologies, Materials and new Production Technologies u.a.
- Energy
- Environment
- Transport (incl. Aeronautics)
- Socio-economic Sciences and the Humanities
- Security
- Space

# „PEOPLE“



## Marie Curie Actions

Mobility, Career development for young and experienced researchers

Interaction of academia and industry

## Activity lines:

- Initial training of researchers: training networks: young researchers, chairs, training courses
- Life long training and career development: individual trans-national intra-European training, co-funding to training & mobility programmes
- Industry-Academia partnership and pathways
- International dimension



## „Instruments“



most importantly:

- Collaborative Research: IPs, STREPs,
- Networks of Excellence (NoE)
- Instruments relating to the European Research Council
- Instruments relating to Mobility
- SME specific measures (CRAFT)
- Coordination actions (CA)
- Support actions (SSA)

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# Programmes and Funding Opportunities (1)



## 6<sup>th</sup> EU Framework Programme for Research, Technological Development and Demonstration

### 1. Thematic priorities - 285 Mio Euro

Russian organisations can receive funding for R&D in IT, biotech, nanotech, space and aeronautics, food tech., sustainable development, socio-economic research

### 2. INCO Programme - 315 Mio Euro (international cooperation)

Specific funding opportunities for EU- Russia Cooperation: topics: health and environment

### 3. Marie Curie fellowships - total 1,58 Bio Euro

Fellowships for individual researchers for exchange USA - EU (Austria)

# Programmes and Funding Opportunities (2)



## 7<sup>th</sup> EU Framework Programme for Research, Technological Development and Demonstration

### 1. Ten Research Themes

Russian organisations can receive funding for R&D in Health, Food, Agriculture & Biotechnology, Information & Communication Technologies, Nanosciences & -technologies, Energy, Environment, Transport (including aeronautics), Socio-economic Sciences & Humanities, Security & Space

### 2. INCO Programme

(International Cooperation)

Specific funding opportunities for EU- USA Cooperation in the frame of „Specific Support Actions“ and „Coordination Actions“

### 3. Marie Curie Fellowships

Fellowships for individual researchers for exchange (incoming/outgoing)  
USA - EU (Austria)

## Weblinks



### **FP7 – Seventh Framework Programme**

=> <http://cordis.europa.eu/fp7/home.html>

### **The European Union in the World**

=> <http://ec.europa.eu/comm/world>

### **The EU's relations with USA**

=> [http://ec.europa.eu/comm/external\\_relations/us/intro/index.htm](http://ec.europa.eu/comm/external_relations/us/intro/index.htm)

### **Delegation of the European Union to the USA**

=> <http://www.eurunion.org>

### **Office of Science & Technology at the Embassy of Austria in Washington, D.C.**

=> <http://www.ostina.org>

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# EU RTD Cooperation USA – Austria



## FP6 Projects with Austrian and USA partners

FP6 Programme	Projects	Participations		Coordinators	
		AT	USA	AT	USA
LIFESCIHEALTH	6	8	6	2	-
IST	13	15	14	-	-
NMP-IST	-	-	-	-	-
NMP	-	-	-	-	-
AERO	-	-	-	-	-
SPACE	-	-	-	-	-
FOOD	-	-	-	-	-
ENERGY	5	7	9	-	-
HYDROGEN	-	-	-	-	-
TRANSPORT	-	-	-	-	-
GLOBAL	6	9	9	-	-
CITIZENS	4	5	4	1	-
INCO	-	-	-	-	-
MOBILITY	4	4	5	1	-
SME	1	1	1	-	-
INFRA	3	5	9	-	-
NEST	-	-	-	-	-
SCS	4	5	5	1	-
SSP	1	1	1	-	-
ERANET	-	-	-	-	-
EURATOM	-	-	-	-	-
	<b>47</b>	<b>60</b>	<b>63</b>	<b>5</b>	<b>0</b>

# EU RTD Cooperation



## FP6 Projects with Austrian or USA partners

FP6 Programme	Projects						
	submitted	positively evaluated	funding rate	AT positively evaluated	AT funding rate	USA positively evaluated	AT funding rate
LIFESCIHEALTH	1.544	393	25,5%	87	22,1%	21	5,3%
IST	5.940	999	16,8%	250	25,0%	42	4,2%
NMP	2.302	344	14,9%	77	22,4%	10	2,9%
NMP-IST	517	90	17,4%	19	21,1%	2	2,2%
AERO	363	111	30,6%	16	14,4%	1	0,9%
SPACE	83	26	31,3%	5	19,2%	1	3,8%
FOOD	884	154	17,4%	33	21,4%	7	4,5%
ENERGY	913	192	21,0%	60	31,3%	11	5,7%
TRANSPORT	641	194	30,3%	63	32,5%	1	0,5%
GLOBAL	994	176	17,7%	53	30,1%	17	9,7%
HYDROGEN	14	7	50,0%	3	42,9%	0	0,0%
CITIZENS	838	140	16,7%	54	38,6%	8	5,7%
SSP	640	242	37,8%	40	16,5%	10	4,1%
NEST	1.313	124	9,4%	10	8,1%	7	5,6%
SME	3.880	474	12,2%	85	17,9%	1	0,2%
INCO	1.719	290	16,9%	33	11,4%	3	1,0%
INNOV	525	186	35,4%	28	15,1%	0	0,0%
MOBILITY	16.319	3.088	18,9%	124	4,0%	84	2,7%
INFRA	498	146	29,3%	25	17,1%	11	7,5%
SCS	799	120	15,0%	18	15,0%	5	4,2%
ERA-NET	208	97	46,6%	41	42,3%	0	0,0%
CDRP	115	17	14,8%	3	17,6%	0	0,0%
ACC/SSA	483	56	11,6%	4	7,1%	0	0,0%
EURATOM	216	133	61,6%	14	10,5%	3	2,3%
<b>Total</b>	<b>41.748</b>	<b>7.799</b>	<b>18,7%</b>	<b>1.145</b>	<b>14,7%</b>	<b>245</b>	<b>3,1%</b>



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# Austrian Research Landscape:



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