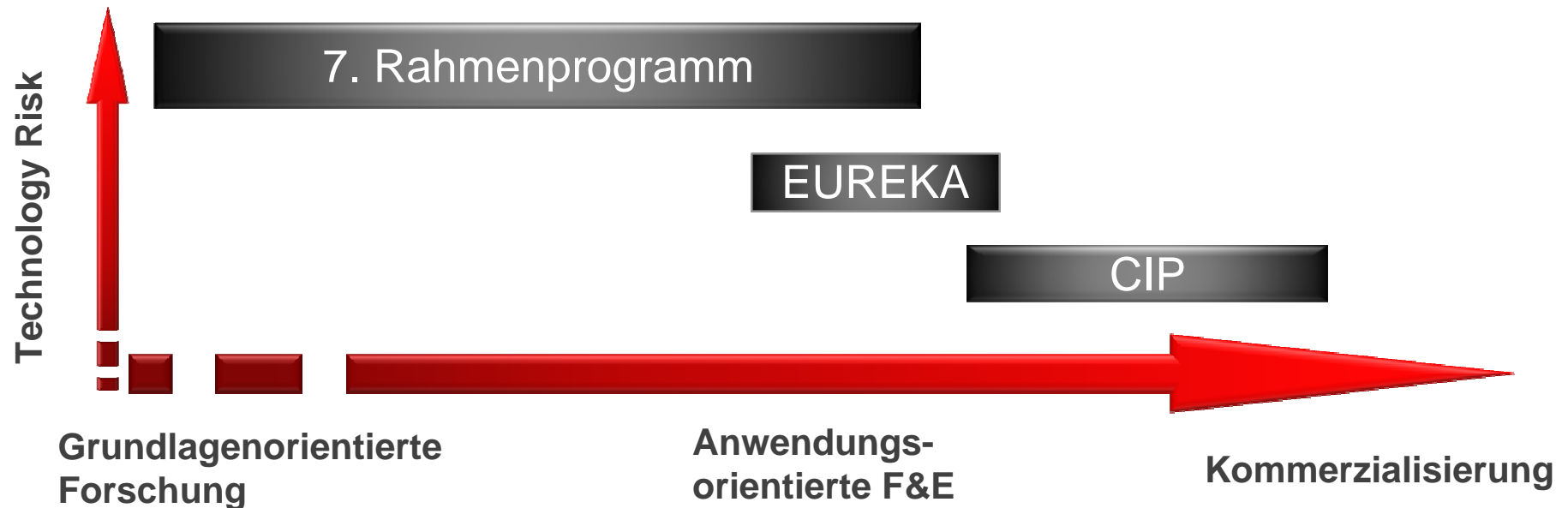


## 7. Rahmenprogramm der EU

DI Theodor Zillner  
Bundesministerium für Verkehr, Innovation  
und Technologie

# Im Überblick...

- 7. Rahmenprogramm: 50,5 Mrd Euro, ~6 Mrd Euro für KMU
- EUREKA: EUROGIA+ und Eurostars
- Rahmenprogramm für Wettbewerbsfähigkeit & Innovation (CIP): ~3,6 Mrd Euro



# Das 7. EU-RP - Struktur



## ‘Cooperation’

1. Health

2. Food, Agriculture and Fisheries, and Biotechnology

3. Information Communication Technologies

4. Nanosciences + Nanotechnologies, Materials + new Production Technologies

5. Energy (~2,35 Mrd. €)

6. Environment (incl. climate change)

7. Transport (incl. Aeronautics)

8. Socio-economic sciences + the Humanities

9. Space

10. Security

## ‘Ideas’ -Frontier Research

Single Teams, Criteria Excellence, European Research Council

## ‘People’

Mobility and Career Development of People

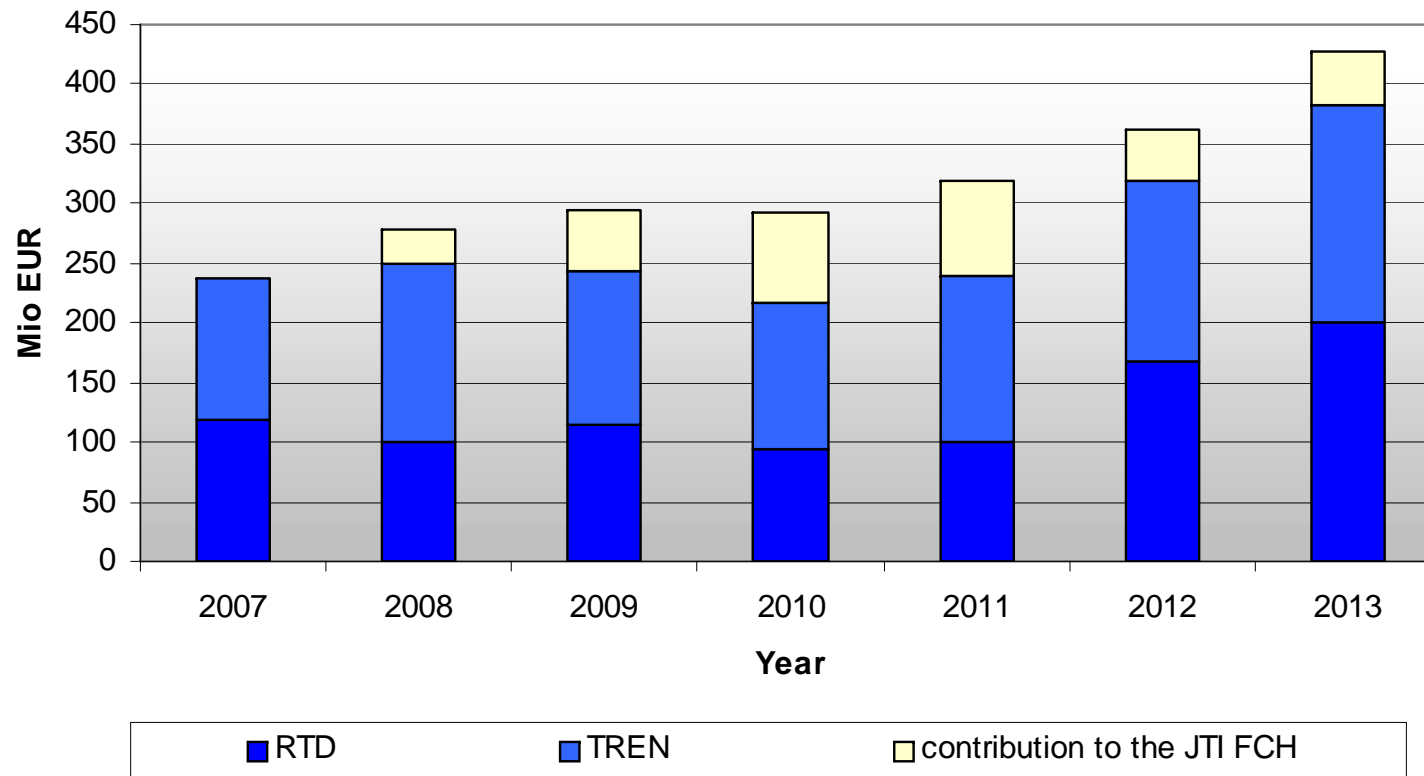
## ‘Capacities’

- Research Infrastructure
- Research for the benefit of SMEs
- Regions of Knowledge Research Potential
- Science in Society
- Coherent development of research policies, International cooperation

# Where are we?

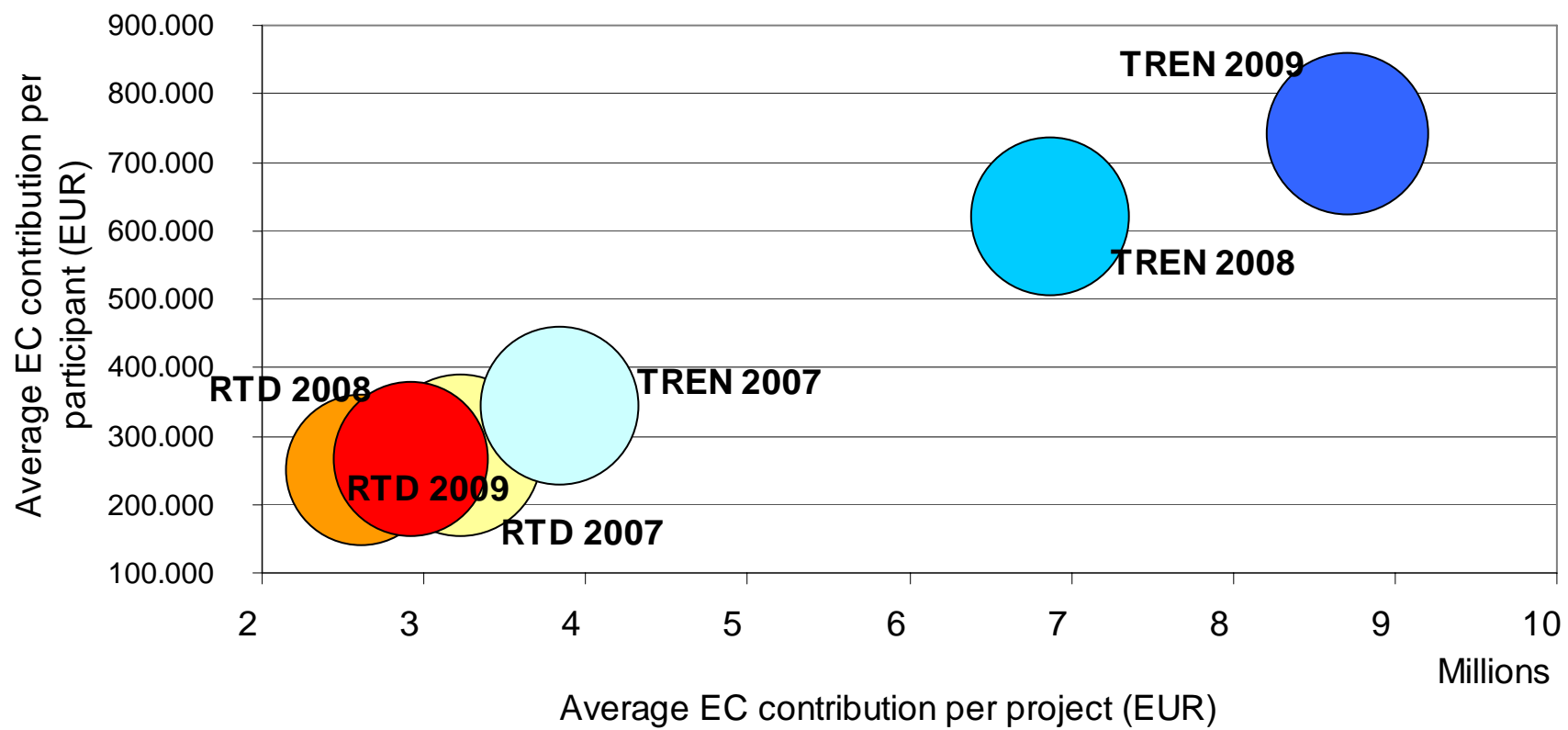


## Annual budget of the FP7 Energy Theme



# Project characteristics

Development of project characteristics (RTD and TREN)



## Status Quo

- Arbeitsprogramm steht ganz im Zeichen des SET-PLANS
- Topics mit Fokus auf die Europäischen Industrieinitiativen (EII)
- Call-Eröffnung **20. Juli 2010**
- Deadline 7. April 2011 (1-stufige Demo-Projekte)
- Budget: rund 137 Mio. Euro

- **Alle Dokumente finden Sie unter:  
<http://rp7.ffg.at/energie>**

# Ausschreibungsüberblick

## 2 Hauptcalls + 6 kleinere Calls



Call/ activity	RTD M €	ENER M €	Submission procedure
<b>FP7-ENERGY-2011-1</b>	73	1	two stage
<b>FP7-ENERGY-2011-2</b>		137	single stage
<b>FP7-ENERGY-2011-JAPAN</b>	5		single stage
<b>FP7-OCEAN-2011</b>	5		single stage
<b>FP7-ENERGY-2011-EXCHANGE</b>	3		single stage
<b>FP7-2011-NMP-ENV-ENERGY-ICT- EeB</b>		20	single stage
<b>FP7-ENERGY-NMP-2011</b>	10		single stage
<b>FP7-ERANET-2011-RTD</b>	4		single stage

**Renewable electricity generation**

**Energy savings and energy efficiency**

**Renewable fuel production**

**CO<sub>2</sub> capture and storage for zero emission power generation**

**Renewables for heating and cooling**

**Clean coal technologies**

**Smart energy networks**

**Hydrogen and fuel cells  
(über JTI Call ausgeschrieben)**

**Knowledge for energy policy making (closed)**

**Horizontal programme actions**



- **Unterstützung der Industrieinitiativen:**
  - Solar Europe Initiative
  - European Wind Initiative
  - European Bioenergy Initiative
  - European Smart Cities Initiative
  - European CCS Initiative
  - Electricity Grids Initiative
- **Cross thematic approaches**
  - PV manufacturing – joint call mit NMP
  - PPP Energy Efficient Buildings (very low energy buildings)
  - Ocean of tomorrow (e.g. multi-use of off-shore platforms)
- **Fokus auch auf Internationale Kooperation!**
  - EU-Japan coordinated Call (Concentration PV)
  - NEU: Pilot Action „Researcher Exchange“ mit US + Japan

# Energy Call Part 2



- **Call identifier:** FP7-ENERGY-2011-2
- **Date of publication:** 20th July 2010
- **Deadline:** 7th April at 17.00.00, (Brussels local time)
- **Indicative budget:** EUR 137 million from the 2011 budget

# Überblick Areas/Topics (1)



Activity/ Area	Topics called	Funding Schemes
<b>ACTIVITY ENERGY.2: RENEWABLE ELECTRICITY GENERATION</b>		
<b>AREA ENERGY.2.1: PHOTOVOLTAICS</b>	ENERGY.2011.2.1-3: Productivity and cost optimization issues for the manufacturing of photovoltaic systems based on concentration	Collaborative Project with a predominant demonstration component
	ENERGY.2011.2.1-4: Development and demonstration of standardized building components	Collaborative Project with a predominant demonstration component
<b>AREA ENERGY.2.3: WIND</b>	ENERGY.2011.2.3-1: Demonstration of innovative off-shore wind electricity generation structure	Collaborative Project with a predominant demonstration component

# Überblick Areas/Topics (2)



Activity/ Area	Topics called	Funding Schemes
<b>ACTIVITY ENERGY.4: RENEWABLES FOR HEATING AND COOLING</b>		
<b>AREA 4.1: LOW/MEDIUM TEMPERATURE SOLAR THERMAL ENERGY</b>	ENERGY.2011.4.1-2: Low/Medium temperature solar thermal systems for industrial process heat	Collaborative Project with a predominant demonstration component
	ENERGY.2011.4.1-3: Materials for thermal storage systems	Collaborative Project
	ENERGY.2011.4.1-4: Advanced compact storage systems	Collaborative Project

# Überblick Areas/Topics (3)

## ACTIVITY ENERGY.5&6: CROSS-CUTTING ACTIONS BETWEEN ACTIVITIES ENERGY.5 AND ENERGY.6

<b>AREA ENERGY.5&amp;6.2: CROSS CUTTING AND REGULATORY ISSUES</b>	ENERGY.2011.5&6.2-1: Optimising the integration of CO <sub>2</sub> capture into power plants	Collaborative Project with a predominant demonstration component
	ENERGY.2011.5&6.2-2: Improving efficiencies and reducing GHG emissions through CO <sub>2</sub> capture in industrial applications other than power generation	Collaborative Project with a predominant demonstration component
	ENERGY.2011.5&6.2-3: Support to the European CCS Demonstration Project Network	Coordination and support action (Supporting Action)

# Überblick Areas/Topics (4)



<b>ACTIVITY ENERGY.7: SMART ENERGY NETWORKS</b>		
<b>AREA ENERGY 7.3: CROSS-CUTTING ISSUES AND TECHNOLOGIES</b>	ENERGY.2011.7.3-2: Storage and balancing variable electricity supply and demand	Collaborative Project with a predominant demonstration component
<b>ACTIVITY ENERGY.8: ENERGY EFFICIENCY AND SAVINGS</b>		
<b>AREA 8.1: EFFICIENT ENERGY USE IN THE MANUFACTURING INDUSTRY AND BUILDING SECTOR</b>	ENERGY.2011.8.1-2: Energy efficiency demonstration in manufacturing industry	Collaborative Project with a predominant demonstration component
	ENERGY.2011.8.1-3: Energy efficiency in low-carbon industrial parks	Coordination and Support Action (Coordinating Action)



<b>Challenge 6: ICT for a low carbon economy</b>		
<p><b>Objective ICT-2011.6.1 Smart Energy Grids</b>                      Call publication: July 2011                      Call deadline: January 2012                      (Budget: 30 M€)</p>	<p>successful combination of smart processes (e.g. demand side management) and smart technologies (e.g. smart meters)</p>	<p>Small or medium-scale focused research projects, Coordination and Support Action</p>
<p><b>EeB.ICT.2011. 6.5 ICT for energy-positive Neighbourhoods</b>                      Call publication: July 2011                      Call deadline: December 2011                      (Budget: 30 M€)</p>	<p>management and control systems/decision-support systems addressing the dynamics of energy supply and demand in neighbourhoods and extended urban/rural communities</p>	<p>Collaborative Projects (STREP)</p>

## Weitere Infos



- Cordis FP7 Energy  
[http://cordis.europa.eu/fp7/energy/home\\_en.html](http://cordis.europa.eu/fp7/energy/home_en.html)
- DG Research Energy  
[http://ec.europa.eu/research/energy/eu/index\\_en.cfm](http://ec.europa.eu/research/energy/eu/index_en.cfm)
- DG Energy  
[http://ec.europa.eu/energy/index\\_en.htm](http://ec.europa.eu/energy/index_en.htm)
- Strategic Energy Technology Plan (SET Plan)  
[http://ec.europa.eu/energy/technology/set\\_plan/set\\_plan\\_en.htm](http://ec.europa.eu/energy/technology/set_plan/set_plan_en.htm)
- Strategic Energy Technologies Information System (SETIS) <http://setis.ec.europa.eu>





## KONTAKT

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- **FORSCHUNG  
WIRKT.**

- >> [www.ffg.at](http://www.ffg.at)