



The Czech Republic

ICT research potential for Call5

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WHY WE ARE HERE



- **Czech neighbours are prepared to cooperate**
- **Czech scientists and companies have expertise**
- **Where and how to find expertise**
- **Who can help**

ICT success in the Framework programme



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General information:

Book: www.tc.cz ; www.fp7.cz ⇒ in documents

„Assessment of participation of the Czech Republic in the EU Framework Programmes“ ..statistics, countries participation and comparison of budget share, eligible costs per 1M€ GDP, top 10 participants in IST (1.Fraunhofer Gesellschaft 239 - 27xCZ; 2.Centre National de la Recherche Scientifique 157 - 19xCZ).

IST - FP6:

137 Czech teams in projects

In most cases low budget share

2 projects coordinated by CZ

ICT - FP7:

call 1-3: 49 Czech participants, 0 coordinator

AT - CZ cooperation

IST - FP6



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Data for CZ+AT participants in project

- 34 projects - 38 CZ and 83 AT participants
- 1 CZ and 7 AT coordinators

Frequency	CZ	AT	
14	1	1	
7	1	2	
3	1	3	→ IP- AT coord. GRAZ + 2AT GRAZ; CZ Charles University
2	1	4	
1	1	5	
2	1	6	
1	1	8	→ IP-40partners AT coord., CZ SME
3	2	1	
1	2	2	

AT - CZ cooperation



ICT - FP7: call: 1-3; 613 projects in dB

- 49 CZ participants and 205 AT participants
13 projects with CZ+AT
- Coordination: 34 AT , 0 CZ
ONLY 4 AT have CZ partner in project

• CZ - AT cooperation:

Frequency	CZ	AT
8	1	1
4	1	2
1	1	3
<u>1</u>	<u>2</u>	<u>2</u>
14	15	21

Example of CZ - AT cooperation



FP7 STREP : KIWI 211932;

**AT coordination (Salzburg-Res.In.),
partners: 2AT, 2CZ, DE, DK:**

ICT-2007.4.2 Intelligent content and semantics;

CZ partners:

Czech Technical University and SUNmicrosystems

Sucess stories



2 IST FP6 project coordination:

IDS Scheer - Health-Plus - STREP

Improving Knowledge and Decision Support for
Healthy Lifestyles;

company expertise: bussines processes, knowledge
management, system integrator

Cross Czech - eMAPPS.com - STREP

Motivating active participation of primary
schoolchildren in digital online technologies for
creative opportunities through multimedia;

company expertise: cultural heritage, libraries,
musea, sustainable development

Some Key Players - Universities



- **Czech Technical University** (participation: IST-26; ICT-10)
http://www.cvut.cz/en?set_language=en
 - Faculty of Electrical Engineering - (No 1 is Department of Cybernetics) <http://www.fel.cvut.cz/en/>
- **Charles University in Prague:** <http://www.cuni.cz/>
 - Faculty of Mathematics and Physics <http://www.mff.cuni.cz/>
- **Brno University of technology:** <http://www.vutbr.cz/>
- **Masaryk University (Brno) :** <http://www.muni.cz/>
- **Technical University Ostrava:** <http://en.vsb.cz/>
- **Západočeská Universita v Plzni:** <http://www.zcu.cz/>
- **Palacký University Olomouc:** <http://www.upol.cz/en/>
- **Technical University of Liberec:** <http://en.vsb.cz/>

Some Key Players - Academy of Sciences



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- **Institute of Information Theory and Automation**
 - <http://www.utia.cas.cz/>
- **Academy of Sciences of the Czech Republic**
 - <http://www.cas.cz/en/institutes.php> .

Some Key Players - Companies

IBM: <http://www.ibm.com/cz/cs/> voice technologies 

IDS SCHEER: http://www.ids-scheer.cz/cz/index_cz.html

- Business processes, knowledge management, system integrator

CESNET: <http://www.ces.net/>

- Internet, computing, network infrastructure.....

HONEYWELL CZ: <http://www.honeywell.com/sites/cz/>

- aerospace, automation and control, transportation systems, materials

<http://cz.sun.com/> ; <http://www.delong.cz/> - control electronics, medical equipments, avionics, microscopy, SW...;

<http://www.crossczech.cz/> (cultural heritage, libraries, sustainable development); <http://www.mediumsoft.cz/> (integrated emergency services, crisis management, support for health and social services ...; <http://www.unis.cz/> control and information systems, embedded systems

COUNTRY INFORMATION

thematic ICT focal points



WHO CAN HELP:

NCP organization: Technology Centre AS CR:

ICT: hillerova@tc.cz

IDEALIST contact: UTIA kadlecov@utia.cas.cz

NINET: Czech National Information Network for
Framework Programmes: <http://www.ninet.cz/>

EEN: TC is the Coordinator:
<http://www.enterprise-europe-network.cz/>

COUNTRY INFORMATION

where to find partners - where to search:



Masaryk University in Brno:

- http://www.ctt.muni.cz/cz/site/info/download_pracoviste

CZECH RTD INFO:

- <http://www.czechrtd.info/>
Project of the Technology Centre AS CR
- RTD directories and full text search on WEB pages

CZECH RTD INFO:



- Directory to RTD institutions and directory according FP7 priorities
- Information on RTD in the Czech Republic: system of financing, organization,
- Documents in English:
 - Analysis of Czech RTD 2008; 2007; 2006
 - Assessment of Participation of CR in EU Framework Programmes (FP6; FP5)
 - Localisation Motives for Research and Development Investment of Multinational Enterprises
 - The White Paper on Research, Technologies and Innovation in the Czech Republic
 - National Innovation Policy 2005 - 2010 with annexes
 - National Research Programme II



**THANK YOU FOR YOUR
ATTENTION**

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