

CZELO – position within the structures

Links and affiliation with official Czech executive structures:

- Government Office (Vicepremier Mr.Jahn) + Council for Sciences and Research
- Ministry of Education, Youth and Sports
(*contract re CZELO : 4 years, full financing 2 years*)
- **Technology Center of Czech Academy of Sciences** (created by the institutes of CAS)
- CZELO (part of TC CAS)

Cooperation with other Czech institutions in Brussels:

- Czech Representation to European Union – Attaché for R & D (official representation and official tasks)
- Czech Deputies to European Parliament (Committee)
- CzechInvest
- CEBRE

CZELO – staff and basic data:

Mr. Ivo Šanc – Head of CZELO

Mrs. Hana Sobotková – Assistant and Information Officer

Mrs. Marie Karlíková – Life Sciences, PR Activities, Mobility & Research Infrastructures

Mr. David Kolman – Nonlife Sciences, Technology & Innovation, Web and IT Support

Mrs. Marie Kolmanová – Socioeconomic Sciences, Financial tools, Innovative SMEs

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INTRODUCES ITSELF

Opening Ceremony – 27 June 2005

Main tasks and goals of CZELO

- Supplying actual information related to financing of R & D within framework programs of EU as well as out of it (e.g. COST, EUREKA)
- Organization of information actions about Czech R & D for the professionals from European institutions in Brussels and for representatives from liaison offices and other institutions which participate in the building of ERA
- Set up of the appointments of Czech researchers with relevant officials of European Commission and negotiation about research projects
- Informal hearing with EC related officials, to project proposals
- Providing basic infrastructure for the talks of Czech researchers with potential project partners
- Gathering of information related to participation and succes rate of Czech participation in international projects
- Lobbying for the benefit of Czech R & D
- Systematic promotion of Czech R & D and its results, capacities and offers for concrete cooperation
- Active engagement in IGLO

Concrete plans of CZELO – quick overview:

Core activities :

- Creation of the database of partners
- Establishment of contacts for consorcia
- Support actions for Czech researchers (both in B and CZ)
- Preparation to the transformation of CZELO

Supplementary works :

- Material and logistic arrangement
- Gathering of information in Brussels
- Creation of contacts in Brussels, incorporation into IGLO
- Promotional materials
- Web pages
- Systematic marketing among Czech institutions

Brief SWOT analysis of CZELO

Strengths:

- Political and financial support from Czech Government, TC and CAS
- Interest of progressive and prestigious researchers
- Favourable EC policies
- Support by partners and existing structures in Brussels (IGLO)
- Emerging systems and policies in CZ (Structural Funds etc.)

Weaknesses:

- Handicaps of new institution (necessity to create all links and contacts) , but can be an advantage in the same time
- Lack of general awareness among Czech R & D institutions about CZELO

Opportunities:

- Chance to participate on ambitious EC programs (FP7)
- Good timing from the point of view of Czech National Policy of R & D
- Chance to bring finances and knowledge

Threats:

- Isolation from Czech reality – lack of interest from Czech side (bad marketing)
- Exaggerated demands and expectations
- Usual performance risks (bad management, bad set up of priorities, too ambitious expectations)

General conditions and circumstances – critical view / 1

Position of R & D in Czech society

- Public view and reputation
- Political interest and support
- Interest and motivation of young people

Situation of Czech R & D

- Impact of the transformation (thousands of scientists left)
- Low level of the transfer of the results of R & D into industry
- Lack of financial mechanisms until our entry into EU
- Lack of motivation to be more active (EC projects etc.)
- Minimal industrial (applied) research (institutes disappeared during privatization)
- Inefficient system of financing
- Insufficient system of evaluation
- Lack of experience to prepare and coordinate large projects

INTRODUCES ITSELF

Opening Ceremony – 27 June 2005

Domestic R&D expenditure according to the sectors (milions CZK; 1€ = 30 CZK)				
Sector / Year	2000	2001	2002	2003
Business sector	13 564	14 866	15 876	16 590
General government sector	11 789	12 351	12 433	13 488
Other national	833	627	801	1473
Rest-of-the-world sector	301	493	442	696
Domestic R&D expenditure, total	26 487	28 337	29 552	32247

**R & D expenditures according to disciplines :
(2003; millions CZK; 1€ = 30 CZK)**

	total	public resources
Natural sciences	7874	4847
Engineering & Technology	18577	4164
Agriculture	2398	1640
Medicine	1610	1194
Social sciences and humanities	1883	1643

Number of R & D employees in Czech Republic (full-time equivalent, end of 2003)	
Business sector	13711
Government sector	7977
High education sector	5987
Non-profit sector	282
Total	27957

General conditions and circumstances - critical view / 2

Situation of Czech economy – **need of economy of knowledge**

Currently the success of Czech economy is based on:

- Foreign investment (mostly based on foreign knowhow)
- Industrial traditions since 19th century
- Existing technical infrastructure
- Human resources (relatively good qualification of manual workers, but lack of engineers...)
- Cheap labour power – comparative advantage (soon will disappear)
- Some natural resources (energy, agriculture)

Minimum based on innovations, research and development !

INTRODUCES ITSELF

Opening Ceremony – 27 June 2005

Czech external trade in high-tech products						
CZK million (1€ = 30 CZK)						
<i>Products (goods)</i>	2000		2002		2003	
	<i>Imports</i>	<i>Exports</i>	<i>Imports</i>	<i>Exports</i>	<i>Imports</i>	<i>Exports</i>
Goods, total	1 241 924	1 121 099	1 325 671	1 254 860	1 441 202	1 371 810
High-tech products, total	177 526	89 523	212 534	155 637	228 717	170 621
<u><i>Product groups :</i></u>						
<i>Aviation and astronautics</i>	9 424	2 462	6 742	3 727	10 689	4 702
<i>Computers and office machines</i>	41 825	18 718	68 748	76 970	67 066	86 045
<i>Electronics and telecommunication equipment</i>	69 221	20 652	83 187	40 221	91 979	45 761
<i>Pharmaceuticals</i>	8 662	2 067	9 862	2 152	11 059	2 043
<i>Scientific devices</i>	16 147	5 919	19 003	8 400	20 953	10 169
<i>Electric machines</i>	10 284	22 334	6 817	9 599	5 900	8 162
<i>Chemicals</i>	8 204	3 824	8 997	3 014	9 796	2 988
<i>Non-electric machines</i>	13 198	9 784	8 617	9 129	10 054	8 541
<i>Weapons</i>	560	3 764	560	2 425	1 222	2 210

Specific conditions and circumstances of the work of CZELO

- Preparedness of CZELO staff
- Backing by TC (TC as NCP, NICER, CIRC, Foresight and Society, Euro-Trans, Nanoroadmap, Eur. Learning Network, Integrating ACC, ENVITEX, EMTECH, SMEs for Food and another projects for Czech Gov.)
- Relations to other R & D institutions in Czech Republic



IS LOOKING FORWARD TO
COOPERATE WITH YOU !!

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