

# Restructuring Czech Research and Development

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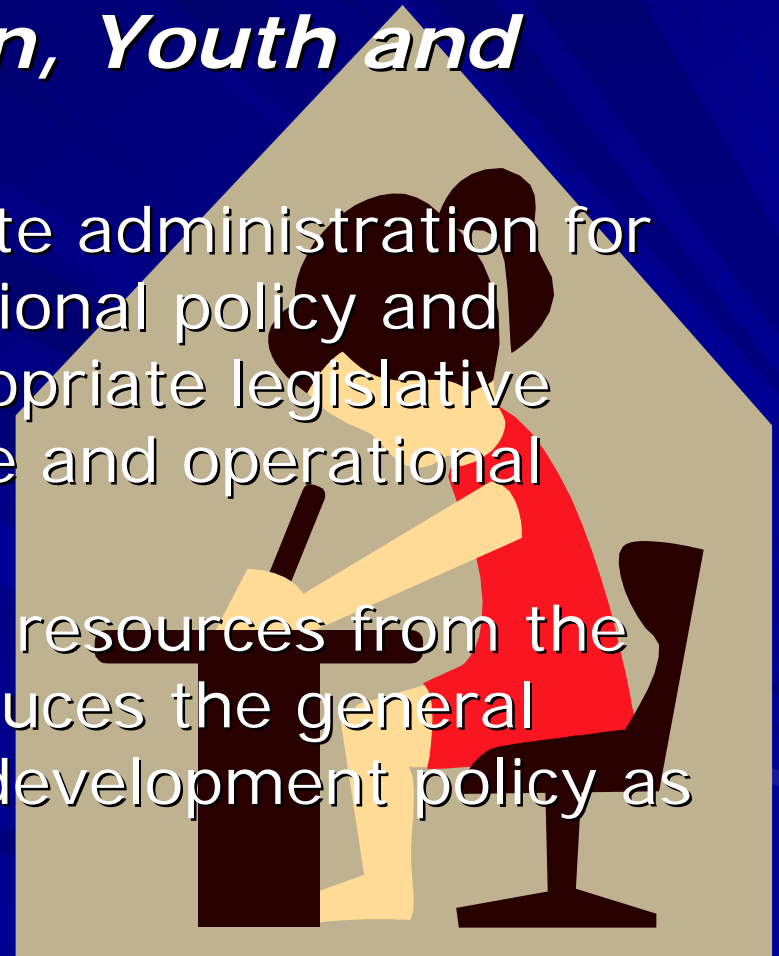
# Contents

- **Current Institutional Framework for R&D**
  - State Administration
  - Research Institutions
- **Legislation**
- **Strategic Documents**
- **Funding**
- **Restructuring Research Now**

# State Administration I

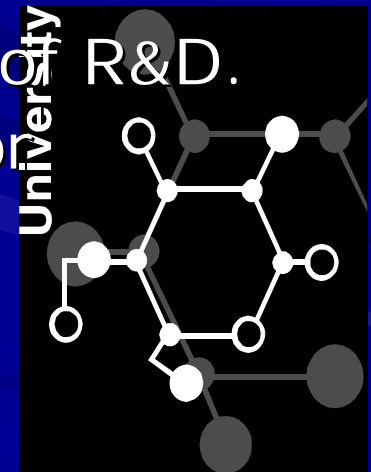
## ■ *Ministry of Education, Youth and Sports*

- Central authority of State administration for overall strategy, educational policy and the preparation of appropriate legislative standards and executive and operational activities.
- Distributes the financial resources from the State budget and introduces the general scientific research and development policy as well.



# State Administration II

- ***Research and Development Council***
  - Advisory body to the government in R&D.
  - Chair: Deputy Prime Minister for Economy
  - Members: Min. of Education, Min. of Industry
  - Draws up long-term fundamental trends and schemes for R&D.
  - Processes analyses and assessments of R&D.
  - Develops a mid-term draft forecast for research and development support.
  - Proposes the state budget for R&D.



# State Administration III

- ***Other Ministries***
  - Administer budget chapters; partly finance R&D.
- ***Grant Agency of the Czech Republic***



# Research Institutions

- **Academy of Sciences of the Czech Republic** (has its own budget)
- **Universities** (24 in number, financed mainly through the Ministry of Education)
- **Other higher education institutions**, private R&D institutions, governmental institutions



# Legislative Framework

- **Act No. 130/2002 Coll.** on the Support of Research and Development from Public Funds
- **Government Regulations:** 267/2002 Coll., 461/2002 Coll., 462/2002 Coll., 28/2003 Coll.
- **Higher Education Act** No. 111/1998 Coll.
- **Act No. 283/1992 Coll.** on the Academy of Sciences of the Czech Republic
- **Act on Public Research Institutions** (under discussion at the Parliament)



# Strategic Documents

## ***National R&D Policy 2004-2008***

- Mid-term governmental strategy for R&D
- Thematic priorities
  - Energy
  - Information & knowledge society
  - Quality of life
  - New materials and technologies
  - National needs in the social and economic areas
- Horizontal priorities
  - Human resources
  - International co-operation in R&D
  - Regional aspects of R&D
  - Utilisation of R&D in practice
  - Evaluation of research
- Long-term fundamental trends and schemes for research (newly in 2005)

## ***National Innovation Policy (new)***

# Funding I

## Key R&D Instruments

### ■ *Institutional Funding*

(ASCR, universities, governmental institutions, private institutions)

- Research Objectives
- Specific University Research
- International Co-operation of CR in R&D

### ■ *Targeted Funding* (programmes, grants, projects, public contracts, research centres)



# Funding II

## ■ Key R&D Programmes

### Implementing National R&D Policy

- *National R&D Programme I* (2004-2009)
- *National R&D Programme II* (2006-2011)
  - Focus on applied research.
  - 2 administrators only: Ministry of Education, Ministry of Industry and Trade.
  - Simple structure: 4 thematic and 3 horizontal programmes.
  - Priorities (selected): Energy, Environment, New Materials, Transport, Chemistry, Nanotechnologies, ICT, Ageing Society, Human resources for R&D, Intl. co-operation.



# Restructuring Research Now I

## ■ Current problems

- Funding (2004): 1.27 % GDP  
(0.74 % private + 0.53 % public)
- Complex Administration:  
14 ministries, 6 other central  
authorities, GACR, ASCR
- Technology transfer
- Applied vs. Fundamental Research

# Restructuring Research Now II

## ■ Ways Out

- Taking the Lisbon Strategy seriously
- Simplifying administration
- Concentrating financial resources
- National Research Programme II
- New scheme of institutional funding
- New scheme of research centres
- Transformation of ASCR
- Research at universities: competition, excellence
- Promoting applied and industrial research
- Promoting co-operation of research institutions (universities, ASCR, industry)
- CZELO

**Thank you very much for  
your attention**

