



Government of the Republic of Serbia
Ministry of Science and Technological Development



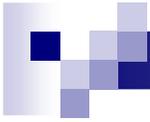
Participation of Republic of Serbia in FP7

**– Opportunity to improve International Cooperation in
Information Society and Science and Technology**

Mrs Bogdanovic Svetlana
CEI Focal point

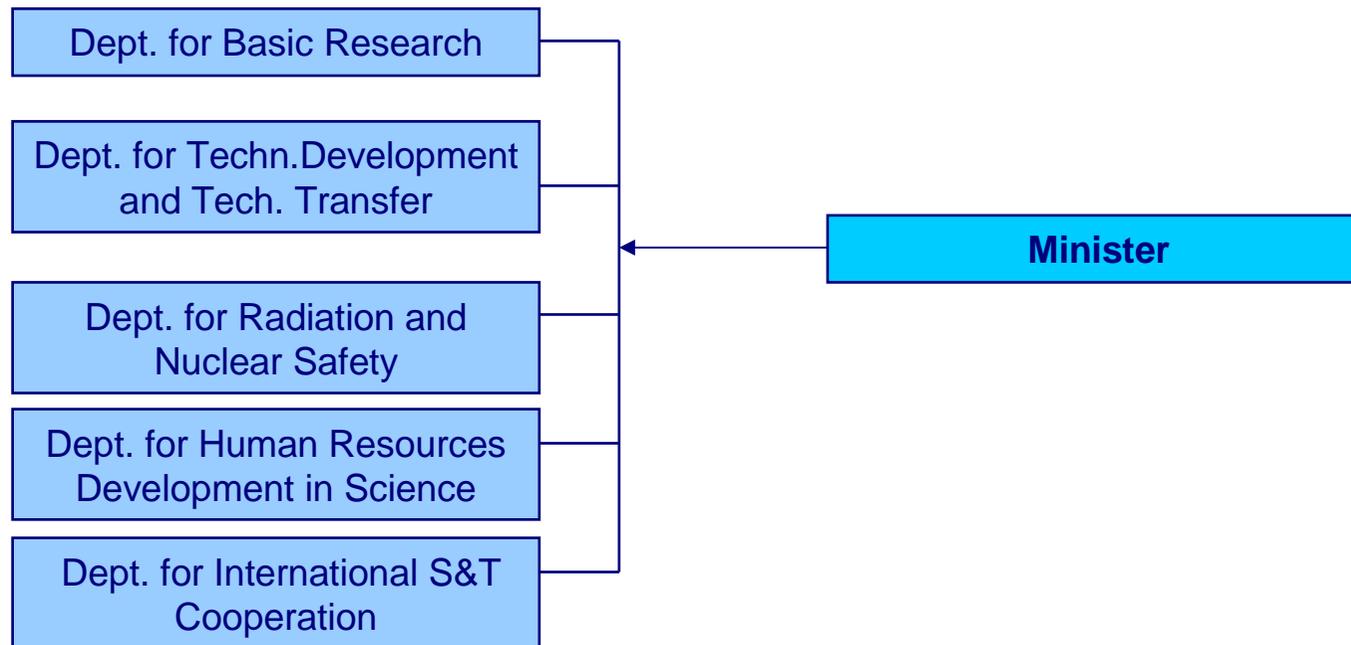
Chisinau, October 24th,
2008

Strengthening Cooperation towards a
Knowledge-based Society in CEI region



Structure of the Ministry

(<http://www.mntr.sr.gov.yu/>)



Department for Basic Research



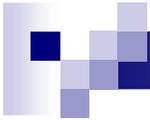
- Physics (44)
- Chemistry (75)
- Biology (59)
- Medicine (86)
- Astro and Geo Sciences (22)
- Mathematics and Mechanics (35)
- Social Sciences (64)
- History, Archaeology, Ethnology (46)
- Serbian Language and Literature (27)

458 projects to be financed 2006-2010

International peer review system

~ 5500 researchers

25 M€/year



Department for Technological Development, Transfer of Technologies and Innovation System



Bottom-up (200) programs

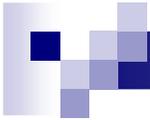
- Information technologies
- Materials and Chemical Technologies
- Mechanical Engineering and Software Industry
- Transport and Civil Engineering
- Biotechnology
- Energy

Top-down programs

- Energy Efficiency (100)
- Biotechnology and Agroindustry (50)
- Water Management and Protection (15)

• SPECIAL PROJECTS OF NATIONAL INTEREST

~ 3500 researchers
18 M€/year



Technology Transfer and Innovation System



Support to companies for:

- Feasibility studies for technological improvements,
- Technological improvements,
- Fostering courses of business education for employing new technologies.

Programs aimed to:

- Encouraging innovations in high-tech companies and their commercialization,
- Fostering innovations in the research organizations through incubators, innovation centers and technology transfer centers,
- Initiating science and technology parks development,
- Defining innovation and research policy,
- Supplying equipment to research laboratories.

Department for human resources development in science



Financial support for:

- Young scientists to complete their M.Sc. and Ph.D. theses,
- Including young researchers into existing RTD projects,
- Fellowships for best graduate Ph.D students, postdoc abroad,
- Organization of scientific conferences, publishing proceedings,
- Participation of scientist to the conferences abroad,
- Visits of foreign scientists,
- Membership in international scientific organizations,
- International university co-operation
- Publishing scientific results (monographs, essays)
- Co-financing of scientific journals
- Scientific societies, science popularization and promotion.

Department for International S&T Cooperation



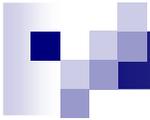
- International science and technology bilateral and multilateral cooperation,
- EU programs and projects in R&D,
- Cooperation with UN organizations and agencies,
- Cooperation with foreign government and non-government scientific and professional organizations,
- Cooperation with Serbian scientists and experts abroad,
- Establishing programs of international S&T cooperation,
- Preparing agreements, contracts, conventions and other documents related to the S&T cooperation.

Department for International S&T Cooperation



■ Consultative Bureau for International Projects

- Improving the quantity and the quality of Serbian participation in research EU programmes (particularly FP7)
- Providing information on financial possibilities, current opportunities for scientific and technological co-operation at the European level and on available results of Community research
- Offering assistance and training to universities, research centres and other organisations interested in participating in FP7



EU programmes and projects in R&D

- **COST**

National COST Co-ordinator and administration

Promotion and support

Co-financing:

- one meeting travel costs per Action

- + membership in Technical Committees

- + overhead for Action management

Total COST participation: **65 actions**

- **EUREKA**

National EUREKA Office

Promotion and support

Total financed **26 EUREKA projects:**

-with participation of 72 organizations

Regional initiatives



Central European Initiative – **CEI** (period 2003 - 2007)

- **6 CEI Co-operation Activities in S&T**
- **8 CEI Co-operation Activities in Information&Media**
- **3 Regional Projects through CEI Know – How Exchange Programme (SMEs Development)**
- **CEI University Network (5 Joint Programme)**
- **CEI Award - “From Research to Enterprise”**
- **CEI Award for Innovative SMEs**

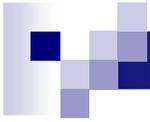


Framework Programme Activities

- Promotion, information dissemination, info-days,
- NCP network,
- Active assistance in proposal preparation (EU/International project management courses)
- Assistance in negotiation phase,
- Assistance in administrating and audit preparation,
- Co-financing: **10%** of the budget allocated by the EC,
- **1000 €** awards for every relevant proposal (min 17.5 points in ESR)
- Results: **83 FP6** registered participations,
- Total budget obtained: **13.1 Mio €**

Best FP6 results:

- **8 out of 10 CoE in the WBC 2005 INCO Capacity Call (2.5 M€)**
- **7 out of 20 CoE in the WBC 2006 INCO Capacity Call (2.1 M€)**
- Ministry's participation in specific actions and ERA.NET projects



Regional FP6 projects

- **SEE-ERA.NET**
Coordination of bilateral programmes
Consortium members: AUT, BUL, FRA, GER, GRE, HUN, SLO, ROM
Target countries: ALB, BiH, CRO, FYRoM, MON, SRB
- **ERA-WESTBALKAN, ERA-WESTBALKAN+**
NCP training and networking
Consortium members: AUT, GRE, SLO
Target countries: BIH, FYRoM, MON, SER (CRO, ALB)
- **IDEALIST7FP** 50 partners - MS, AS, 3rd and Mediterranean
Countries

F Programme 6 -“Integrating and Strengthening the European Research Area, Specific Measures in Support of International Cooperation (INCO)” - FP6-2004-INCO-WBC/SSA-3



Acronim	Institution	Budget requested(€)	Budget approved(€)	Equipment(€)	Duration (months)
C X-CMCS	Institute of Physics	337000	330000	55000	36
IPB-CNP	Institute of Physics	311000	310000	155000	36
NANOLAB FOR	Faculty of Physics	323000	310000	180000	36
NEUROIM AGE	Faculty of Biology	507400	450000	120000	36
VINCENT	VINCA Institute	342400	300000	135000	36
HISERBS	Institute for Medical Research	320500	300000	154500	36
QPON	Institute of Physics	290000	250000		36
OPSA	Institute of Physics	450000	400000		36

8 Centres of excellence



Centre of excellence for computational modeling of complex system

Reinforcing Experimental Center for-Non-equilibrium Studies with Application in Nano-technologies, Etching of Integrated Circuits and Environmental Research

Reinforcing nanostructure laboratory

Reinforcing a center for laser microscopy and cell profiling for regional networking

Increasing research excellence, industrial utilization and education of the public by reinforcing National centre for knowledge-based materials in Serbia and Montenegro

Health improvement in Serbia through reinforcement of biomedical science and technology

Reinforcing research center for quantum and optical metrology

Centre of excellence for optical spectroscopy applications in physics, material science and environmental protection

F Programme 6 -“Integrating and Strengthening the European Research Area, Specific Measures in Support of International Cooperation (INCO)” - FP6-2005-INCO-WBC/SSA-3



Acronim	Institution	Budget Requested (€)	Budget Approved (€)	Duration (months)
Web4WeB	PUPIN Institute		231360	30
ReCIMiCo	Faculty of Technical Sciences	349000	310000	36
CROPWAT	Faculty of Agriculture	361000	324960	36
REP-LECOTOX	Faculty of Biology	319000	290000	36
SERB PARZON	Institute for Medical Research	330000	283000	36
RRCSD INNCODE	Mechanical Engineering Faculty	374000	300000	30
PPR-CMEP	Faculty of Sciences	328000	299400	33
CECRA	Faculty of Sciences	350000	315000	30

Location of Centres of Excelences in Serbia



Another 7 Centers of excellence



Reinforcing of the centre for Integrated Microsystems and Components - Novi Sad

A Centre for Sustainable Crop-Water - Belgrade

Reinforcing of research potential of laboratory for Ecotoxicology Belgrade

Reinforcing of the Serbian Centre for Parasitic Zoonoses-Belgrade

Reinforcing of research Capacity in Software Development and innovative Collaborative Design and Engineering in Serbia- Kragujevac

Reinforcing of research potential in center for meteorology and Environmental Predictions – Novi Sad

Reinforcing of Laboratory for Environmental Protection at the Faculty of Science of the University of Novi Sad as a Centre of Excellence for Environmental Chemistry and Risk Assessment

EU programmes and projects in R&D (cont...) Framework Programme 7



CAPACITIES	Submitted	Mainlisted	Success rate %
Activities of Inter. Cooperation	14	2	17.39
Regions of Knowledge	3	0	0
Research for the benefit of SMEs	23	1	5,13
Research Infrastructures	8	3	44.44
Research Potential	132	14	11.69
Science in Society	7	2	25
TOTAL	187	22	11.7

EU programmes and projects in R&D (cont...)



Framework Programme 7

COOPERATION	Submitted	Mainlisted	Success rate %
Energy	17	3	13.64
Environment	24	1	3.23
Food, Agriculture, & Biotechnology	35	6	18,18
Health	44	2	3.92
Information and Communication Technologies	43	5	14.29
NMP	6	3	50
Security	9	0	0
Socio-economic Sci & Humanities	31	1	2.54

EU programmes and projects in R&D (cont...) Framework Programme 7



COOPERATION	Submitted	Mainlisted	Success rate %
Transport (incl. Aeronautics)	12	2	12.50
Space	1	0	0
TOTAL	226	23	10.1
PEOPLE	11	1	7.69
Marie-Curie Actions			
IDEAS	38	0	0
TOTAL	426	46	10.88

FP7 participation – The “normal way”



1. You found a Call
2. Some objectives were **interesting** in the Call
3. Now you have to find the **partners**
4. Begin writing the **proposal**
5. Get the **economy** right
6. Partners have to be **selected** and they should **contribute**
7. Some partners can help **more**
8. At last you can **submit** the proposal



There is another way



Best suited for any organization who has

minor experience in managing R&D projects

&

major experience and skill in a technological area



This is not a brand new way



**It's (just) another way of thinking
and acting**



The new way of thinking



The right solution for you is either
an EU **project**
or an EU **participation**

This is what we're talking about



“Project”

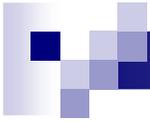


Participation”

The other way is...



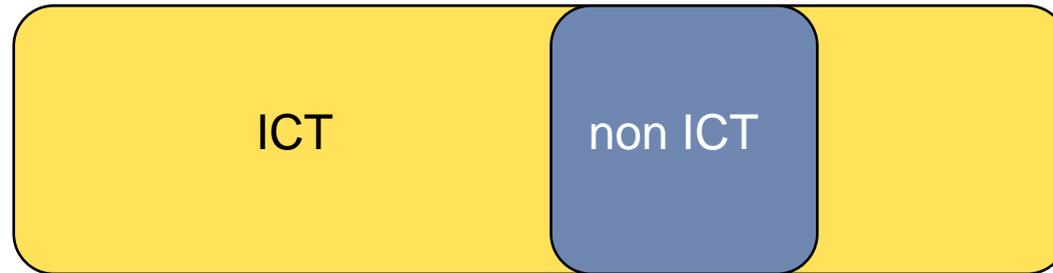
- Find a project looking for your *expertise*
- Even if you are an ICT expert don't only look for ICT projects
- Look as well into the other themes
ICT knowledge is **NEEDED** in all R&D projects!



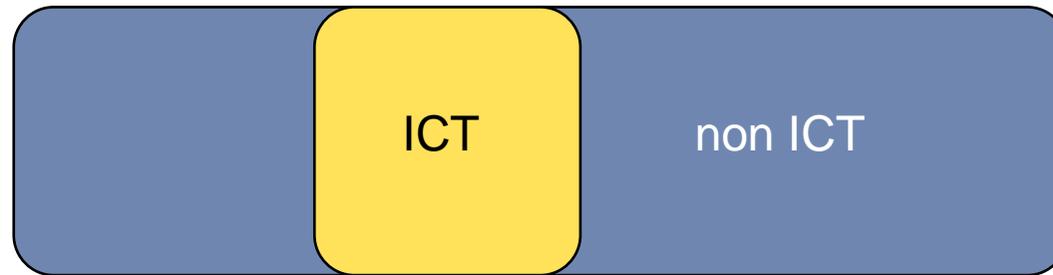
The need for ICT solutions



Thematic areas:



ICT



Life, Food, Nano, Bio, Energy, etc.

Find a project to participate in



Get in touch: www.ideal-ist.net



Thank you
for your attention!

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