


**istBONUS**  
Information Society Technologies

# istBONUS

Supporting Research Excellence  
in ICT for business


**Preparation Towards Successful  
Participation in FP7-IST  
Research Action Plans**

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## FP7 Facts

- ... 1<sup>st</sup> Call to be published end 2005 or early 2006
- ... Almost double budget available per year
- ... Better chances to win compare to FP6-IST calls 5 & 6
- ... The same instruments will be available (i.e. STREPs, IPs, NoE, SSAs, CAs)
- ... Increased participation of NMS & ACC is expected and will be encouraged
- ... More evaluators from NMS & ACC (most probably)

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## Events for FP7-IST ...

- ... IST Event (organised by the EC) in **Elsinki (Finland) – 22-24/Nov/06**
- ... IST-BONUS NETWORKING event in **e-Challenges conference in Barcelona (Spain) – Late Oct/06**


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## IST-BONUS services towards FP7:

- (PR) Research Profiles** – demonstrate your research focus and competence
- Research Action Plans** – set your research strategy & objectives and create your roadmap to success in FP7-IST
- Monitoring and support** – implement effectively your action plans

**+ Workshop in Brussels or Elsinki**  
...networking with EU research leaders and EC Officials

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**SIR & IDC**

### SOFTWARE RESEARCH & DEVELOPMENT CENTER

Name of organization: Software Research & Development Center (SIR&D)  
Name of organization: Middle East Technical University (METU)  
Legal address: SIR&D is a research center in METU (39080 Ankara)  
Country: Turkey  
Web site and e-mail: [www.sirdc.metu.edu.tr](http://www.sirdc.metu.edu.tr)  
E-mail addresses: [info@sirdc.metu.edu.tr](mailto:info@sirdc.metu.edu.tr)  
Web addresses: [www.sirdc.metu.edu.tr](http://www.sirdc.metu.edu.tr)  
Languages: Turkish, English

**SHORT DESCRIPTION**  
The Software Research and Development Center (SIR&D) is a research center operating under the Faculty of Engineering in the leading technical university in Turkey - The Middle East Technical University (METU). SIR&D is established by the Scientific and Technical Research Council of Turkey (TUBITAK) in October 1993. The aim of this center is to build a real large scale software research and development projects and to foster international co-operation.

**RESEARCH ACTIVITY AREAS**  
METU-SIR&D has a wide expertise on semantic web technologies, web services, ontologies languages and semantic interoperability fields. Our main research activity areas include:  
- Semantic Web  
- e-Health  
- e-Business  
- Grid and Languages & Semantic Mediation  
- Web Services and Web Service Registries  
- P2P Systems and GRID Systems

**REFERENCE PROJECTS**  
METU-SIR&D has in total participated in 8 projects funded by European Commission, 3 of them as a co-ordinator. In addition METU-SIR&D has been involved as a member of research and development projects supported by the government, industrial companies and international organizations.  
- **SARIS**: Developing semantic based interoperability infrastructure for integrating web service platforms to Peer-to-Peer Networks. Role: Coordinator. 02/2004 - 02/2006.  
- **ARTISTS**: A semantic web services based interoperability framework for the health care domain. Role: Coordinator. 02/2004 - 02/2006.  
- **HEMARE**: Accompanying the IT Needs activities of the European Commission by developing demonstrators and organizing workshops in the cultural domain. Role: Scientific and technical coordinator. 12/2003 - 02/2004.  
- **Agile4**: Academic: Developing an integrated environment for e-building and improving intelligence in newly created areas through the use of Data Mining techniques. Role: Partner. 09/2003 - 09/2005.  
- **HEMARETEC**: Developing a methodology of the concept of office space, no longer interpreting it as an aggregation of separate functions, but as a series of social and productive "interactions", with the objective of providing business manufacturers with suggestions for new ways to organize the challenges posed by changes in communications technology. Role: Partner. 02/2003 - 03/2005.

**Additional projects:**  
- **Mediatica**: Semantics, NARS/FLAM, LEVER, Virtual Enterprise Support of UICD Register, A Platform for Semantically Enriched Mobile Services, A Web Service based P2P interoperability Platform for Medical Information Systems.  
- **CO-OPERATION PARTNERS**  
- **AZITEC** - IT company in Greece  
- **OSISI** - Collaborating Research and Development Institute for Information Technology Tools and Systems  
- **Sigra Telekom** - IT company in Turkey  
- **MAIN ACHIEVEMENTS**  
- METU-SIR&D has been awarded with the following awards:  
- 2004 ISTBONUS Excellence Award  
- 2004 eChallenges Best Exhibition Stand Award with the SATINE Project  
- **COLLABORATION INTERESTS**  
SIR&D is interested in participating in the projects under IST programmes as well as other international cooperation in the fields related to our research areas. Especially we are interested in research projects in areas of:  
- semantic web technologies  
- web services  
- ontology languages  
- semantic interoperability  
- e-Health  
- e-Business  
Our possible co-ordinators, major partners or technology providers:

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This profile has been developed under IST-BONUS project (www.ist-bonus.net)

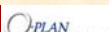
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## RAPs Objective

... to help research organisations and enterprises in setting their research objectives and planning their actions towards successful participation in FP7-IST

**RAPs will tell you where to focus (areas and sectors of IST), your training needs, your networking strategy, from where and how you can raise funding, etc.**

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## Steps for the Elaboration & Monitoring of the RAPs

1. Selection of beneficiaries (organisations).
2. Collect available information concerning the selected organisations
3. Adapt the audit questionnaire
4. Perform the audit
5. Produce a draft / incomplete version of the Research Action Plan.
6. Input by Q-PLAN N.G. and Scientific Partners
7. Final check
8. Comments by the organisation & finalisation
9. Implementation of the actions
10. Monitoring implementation and provision of guidance

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## RAPs Contents (1/7)

- > SECTION A: ANALYSIS OF EXISTING SITUATION
- > SECTION B: PROPOSED ROADMAP FOR SUCCESSFUL PARTICIPATION IN FP7-IST

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## RAPs Contents (2/7)

### SECTION A: ANALYSIS OF EXISTING SITUATION

- ✓ 1. Analysis of the Internal Environment
- ✓ 2. Analysis of the External Environment
- ✓ 3. Organisation SWOT analysis

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## 1. Analysis of the Internal Environment (3/7)

- ✓ 1.1 Identity of the organisation & Domains of excellence
- ✓ 1.2 Resources
- ✓ 1.3 Networking level
- ✓ 1.3 Experience in research
- ✓ 1.4 Main achievements
- ✓ 1.5 Organisation vision & targets
- ✓ 1.6 Conclusions of the analysis of the internal environment

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## 2. Analysis of the External Environment (4/7)

- ✓ 2.1 State-of-the-art
- ✓ 2.2 Sources of funding
- ✓ 2.3 Overview of the competition / market
- ✓ 2.4 Conclusions of the analysis of the external environment

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## RAPs Contents (5/7)

### SECTION B: PROPOSED ROADMAP FOR SUCCESSFUL PARTICIPATION IN FP7-IST

- ✓ 1. Research Strategy and Objectives
- ✓ 2. Action Plans
- ✓ 3. Monitoring Process


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## 1. Research Strategy and Objectives (6/7)


- ✓ 1.1 Proposed Research Strategy
- ✓ 1.2 Matching FP7-IST priorities with organisation's needs
- ✓ 1.3 Overall approach for implementing the research strategy
- ✓ 1.4 Overall required and available resources and organisational level


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## 2. Action Plans (7/7)


- ✓ 2.1 Analysis of Action Plans
- 3-4 Action Plans will be analysed.
- 1 Action Plan per (main) research target: description, timetable, required actions / activities, specific timetable, funding opportunities – roadmap, resources / means, responsibilities.


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## Timeframe

- Selection of organisations that will benefit from the service: **February 2006 – June 2006**
- Audits: **April 2006 – July 2006**
- Elaboration of the RAPs: **May 2006 – September 2006**
- Monitoring the implementation of RAPs: **September 2006 – February 2007**

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## Expected Number of RAPs

Country	Research Action Plans
Bulgaria	3
TOTAL	
	24

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