



## **SCREENING CHAPTER 25 SCIENCE AND RESEARCH**

# **AGENDA ITEM 2: RESEARCH POLICY AND PROGRAMMES**

**Country Session: The Republic of TURKEY  
14 November 2005**



## **SCREENING CHAPTER 25 SCIENCE AND RESEARCH**

### **AGENDA ITEM 2: RESEARCH POLICY AND PROGRAMMES**

#### **RESEARCH POLICY**

**Country Session: The Republic of TURKEY  
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## OUTLINE

- **Science and Research Policy**
  - Institutions
  - Policy Making in Science and Research
  - Policies



# INSTITUTIONAL FRAMEWORK

## Main Actors of Policy Making

- Turkish Grand National Assembly (TGNA)
- Council of Ministers
- Supreme Council of Science and Technology (SCST)
- State Planning Organisation (SPO)
- Turkish Scientific and Technological Research Council (TUBITAK)
- Council of Higher Education (CoHE) and Universities



# INSTITUTIONAL FRAMEWORK

## Other Important Actors

- Ministry of Industry and Trade (MoIT)
- Ministry of Agriculture and Rural Affairs (MARA)
- Undersecretariat of Foreign Trade (UoFT)
- Undersecretariat of Treasury (UoT)
- Small and Medium-Sized Enterprises Development Organisation (KOSGEB)
- Turkish Atomic Energy Authority (TAEA)
- Turkish Academy of Sciences (TUBA)
- Turkish Technology Development Foundation (TTGV)



# POLICY MAKING IN SCIENCE AND RESEARCH

## Main Policy Framework

- Development Plan
- Medium-Term Programme
- SCST Decisions
  - National Science and Technology Strategy (2005-2010)

## Supplementary Policy Documents

- Vision 2023 Foresight Study
- Policy Documents of Related Sectors



## POLICY DOCUMENTS

### Development Plan

- Highest level policy document
- Endorsed and executed as a TGNA decision
- Prepared under the coordination of the SPO
- Specialized Ad-Hoc Committee is formed for stakeholder consultation
- Links the science and research policies with other sectoral policies
- 9th Development Plan will cover 2007-2013, under preparation



## POLICY DOCUMENTS

### **Medium-Term Programme (2006 - 2008)**

- Covers 3 years period in a rolling manner
- Converts framework policies of Development Plan into yearly policies
- Policies updated annually
- Prepared under the coordination of the SPO with other stakeholders
- Endorsed by the Council of Ministers
- Specifies measures, responsible institutions and cooperation framework for each policy headline





## POLICY DOCUMENTS

### **The Supreme Council of Science and Technology (SCST) Decisions**

- Highest body for designing science and research policy
- Chaired by the Prime Minister
- Composed of representatives of the government, universities, industry and NGOs
- Two meetings every year
- Provides advisory support to the government in formulation of long-term research policy
- TUBITAK functions as the secretariat to the SCST



## SUPPORTING POLICY DOCUMENTS

### **Vision 2023**

- Technology Foresight Project of Turkey
- Prepared under coordination of TUBITAK with all stakeholders
- Identification of strategic technologies
- Policy recommendations for identified technologies

### **Vision 2023 Project is composed of the following sub-projects:**

- Technology Foresight Project
- National Technology Competences Inventory Project
- Researcher Information System Project
- National Research Infrastructure Information System Project



## SUPPORTING POLICY DOCUMENTS

### Other Related Policy Documents

Prepared in line with Lisbon Strategy

- Industrial Policy for Turkey (towards EU Membership)
- SME Strategy and Action Plan
- Preliminary National Development Plan (2004-2006)



<b>POLICY DOCUMENT</b>	<b>COORDINATOR INSTITUTION</b>	<b>HOW IS IT DESIGNED?</b>	<b>UNDER WHICH LAW/ACT?</b>	<b>HOW OFTEN REVIEWED/UPDATED?</b>
<b><i>Development Plan</i></b>	<b>SPO</b>	<b>Stakeholder Consultation</b>	<b>TGNA Decision</b>	<b>Once every Five Years</b>
<b><i>Medium-Term Programme</i></b>	<b>SPO</b>	<b>Stakeholder Consultation</b>	<b>Decree of Council of Ministers</b>	<b>Once Every Year</b>
<b><i>SCST Decisions</i></b>	<b>TUBITAK</b>	<b>Stakeholder Consultation</b>	<b>Circular of Prime Ministry</b>	<b>Twice Every Year</b>
<b><i>National Science and Research Strategy 2005-2010</i></b>	<b>TUBITAK</b>	<b>Stakeholder Consultation</b>	<b>Circular of Prime Ministry</b>	<b>Mid Term</b>
<b><i>Vision 2023</i></b>	<b>TUBITAK</b>	<b>Stakeholder Consultation</b>		



## POLICIES

### 8th Development Plan (2001-2005)

*Main objective:* “with the aim of becoming an information society, achieving competitiveness at the international level by the use of scientific and technological development”

*Main Policy Priorities:*

- Increased university-public-private sector cooperation,
- Research Projects focused mainly on priority areas  
(advanced new materials, biotechnology, nanotechnology, IT, clean energy, nuclear, aerospace technologies and exploiting sea and underwater)
- Increased public support to research.

*Targets for 2005 :*

GERD as percentage of GDP = **1,5** (2002 value is 0.67%)

Number of R&D (full-time eq.)/10.000 labour force = **20** (2002 value is 13.6)



## POLICIES

### Medium-Term Programme (2006-2008)

**Main Objective:** “to increase the capacity of science, technology and innovation of Turkey and transform this capacity into socio-economic added value.”

**Policy Priorities:**

- 1) Improve coordination and give the central role to private sector
- 2) Increase private sector's demand and capacity for R&D
- 3) Increase university-public and private sector cooperation
- 4) Effective use public procurement and other requirements to support R&D
- 5) Develop defence technologies and transfer the know-how to other areas.
- 6) Increase international cooperation, primarily with the EU
- 7) Increase of the awareness of science, technology and innovation in the society
- 8) Increase of flexibility in the R&D expenditures



## POLICIES

### SCST Decisions (2004-2005)

- **Policy Targets for 2010**  
GERD as percentage of GDP= **2** (%0.67 at 2002) and **1/2 from industry**  
Number of Researchers = **40,000** (2002 value is 23,995)
- Science and Technology Strategy 2005-2010
- Science and Technology Performance Indicators
- Formation of inter-institutional working group to improve the R&D statistics



# National Science and Research Strategy 2005-2010

## Strategic Objectives\*:

- To increase quality of life
- To find solutions to social issues
- To increase competitiveness
- To raise public awareness on S&T

## Main Targets\*:

- To increase demand for RTD
- To enhance quality and quantity of scientists, professionals and technical personnel
- To increase the share of RTD expenditure in GDP

(\* ) adopted at the 10th meeting of the Supreme Council for Science and Technology, dated 8 September 2004





## National Science and Research Strategy 2005-2010

**An Implementation Plan was introduced that ensures translation of those strategic elements into actions, defining 7 sets of action:**

- Enhancing awareness of science and technology
- Educating more scientists and enhancing their capabilities
- Supporting outcome-oriented and qualified research
- Making national science and technology management more effective
- Strengthening the RTD performance of private sector
- Improving research environment and infrastructure
- Enhancing national and international linkages

(\*) adopted at the 10th meeting of the Supreme Council for Science and Technology, dated 8 September 2004



## POLICIES

### Major Policy Instruments

- Supporting R&D projects of universities and public institutions
- Turkish Research Area (TRA) initiative and integration with ERA
- Participation in the Sixth Framework Programme
- Improving support for private sector to increase its capacity and demand for technology
- Technology Development Regions
- Human Resources Development Programs for R&D
- Supporting specifically targeted projects
- Supporting the establishment of centres of excellence in priority areas
- Technology foresight
- International cooperation



## CONCLUSION

### ***Achievements***

- Established policy making mechanisms
- Great motivation for integration with the ERA
- Numerous policy instruments in line with the EU
- A strategy for science and research is adopted and necessary actions are initiated.

### ***Constraints***

- Insufficiency in the quantity of researchers and need for improving skills
- Need for improving research infrastructure
- Brain drain
- Insufficient private sector involvement



**AGENDA ITEM 2:  
RESEARCH POLICY AND PROGRAMMES  
FUNDING**



## **FUNDING OF PROGRAMMES AND PROJECTS**

- **Mechanism of Allocation Funds from State Budget**
  - **Allocation of sources for public sector R&D**
    - **Public Institutions**
    - **Universities**
  - **Allocation of sources for private sector R&D**



## Total Public Support for R&D (Million Euro)

<b>Users of Funds</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
Public Sector	189	185	408
Private Sector	73	70	136
<b>TOTAL SUPPORT</b>	<b>262</b>	<b>255</b>	<b>544</b>

## Allocation of Resources for Public Sector R&D

- **Public Investment Programme** is the main document for allocating funds for public sector (universities and public institutions) R&D projects and support programmes
- Prepared by SPO yearly, in line with the policies in Medium-Term Programme
- Takes the form of a decree of the Council of Ministers
- Two related executive documents:
  - Public Investment Programme Preparation Guidelines
  - Decree on the Programme Implementation, Coordination and Monitoring

### Allocation for Public Sector R&D (Million Euro)

	2003	2004	2005
<b>Total</b>	189	185	408



## Allocation of Resources for Public Sector R&D

### Procedure for Public Investment Programming

- One call for proposals of public institutions and universities per year.
- Includes Projects and Programmes:
  - Projects submitted by public institutions, TUBITAK and universities.  
(centralised allocation by SPO)
  - Programmes with lump-sum budget. Projects are selected by responsible institutions (TUBITAK, TAEA, BOREN, MoIT) within the year.  
(semi-centralised allocation)
  - University Revolving Fund Projects selected by that university.  
(de-centralized allocation)





# Allocation of Resources for Public Sector R&D

## Funding Criteria for Public Investment Programme

- Socio-economic value-added
  - Cooperation with other research institutions and private sector
  - Relevance with Development Plan/Medium-Term Programme priorities
  - Research capacity of institution
  - Regional impact
  - Contribution to increased quality and quantity of researchers
- TUBITAK assists in technical appraisal of projects.



## **Allocation of Resources for Public Sector R&D**

### **Composition of Public Investment Programme**

- 1. Research Projects and Support Programmes of TUBITAK**
- 2. Research Projects of Universities**
- 3. Research Projects of Other Public Institutions**



## Public Investment Programme (M Euro)

	2003	2004	2005
TUBITAK-TRA (Public sector component)	-	-	136
TUBITAK (Own projects)	51	43	83
Universities	129	132	168
Public Institutions	9	10	21
<b>Total</b>	<b>189</b>	<b>185</b>	<b>408</b>



# 1. Research Projects and Support Programmes of TUBITAK

## Research Activities

- Applied research and technology development projects
- Joint Projects with private sector and universities
- Projects with high risk that can not be undertaken by industry
- Carried out within the research centres bounded to TUBITAK
  - Marmara Research Centre (MAM)  
(Research Institutes: Information Technologies, Energy, Chemistry and Food, Environment, Materials, Earth and Marine Science)
  - National Defence Industry R&D Institute
  - National Electronics and Cryptology Research Institute
  - Information Technologies and Electronics Research Institute
  - Basic Science Research Institute
  - Genetic Engineering and Biotechnology Research Institute



# 1. Research Projects and Support Programmes of TUBITAK

## Other TUBITAK programmes

- Young Researcher Career Development Programme
- TUBITAK International Publications Support Programme
- Support for R&D Project Market Platforms
- Scientist Development Group Scholarship, Support and Competition Incentives
- Support for the Scientific Meetings
- Fast Support Programme
- Technology Awards
- National and International Science Olympics and Grants
- Project Competition for Secondary School Students
- International and Internal Master and Doctorate, Post-Doc and Research Grant Supports
- Foreign Citizens Doctorate and Research Grant Programme



# 1. Research Projects and Support Programmes of TUBITAK

## Turkish Research Area (TRA)

Executed by **TUBITAK**, aims at providing synergy among:

- Institutions carrying out R&D activities (universities, public research institutions, private firms)
- Institutions demanding R&D (private and public sectors)
- Institutions funding R&D activities (public and private sectors)
- Total resources of the programme in 2005 is 205 million Euro



## Allocation of Resources for Public Sector R&D

### Project Appraisal System of TUBITAK

- For composing the portfolio of programmes executed by TUBITAK
- For providing assistance to appraisal of other projects
- Three calls a year
- Criteria: Original Value, Widespread Effect and Applicability
- Method: Phrase Anchored Rating Scale
- Evaluator Composition: Ad-Hoc Expert Panel for each sub-sector
- Improved Project Monitoring System was developed in 2004.



## Distribution of the TRA Funds for Public Sector (2005)

<b>Components</b>	<b>Allocated Resources (M Euro)</b>
Academic R&D	53
Defence and Space Programmes	30
Public Institutions	30
Researcher Development	15
Science and Society	8

\*Plus 69 M Euro will be allocated to the private sector research projects





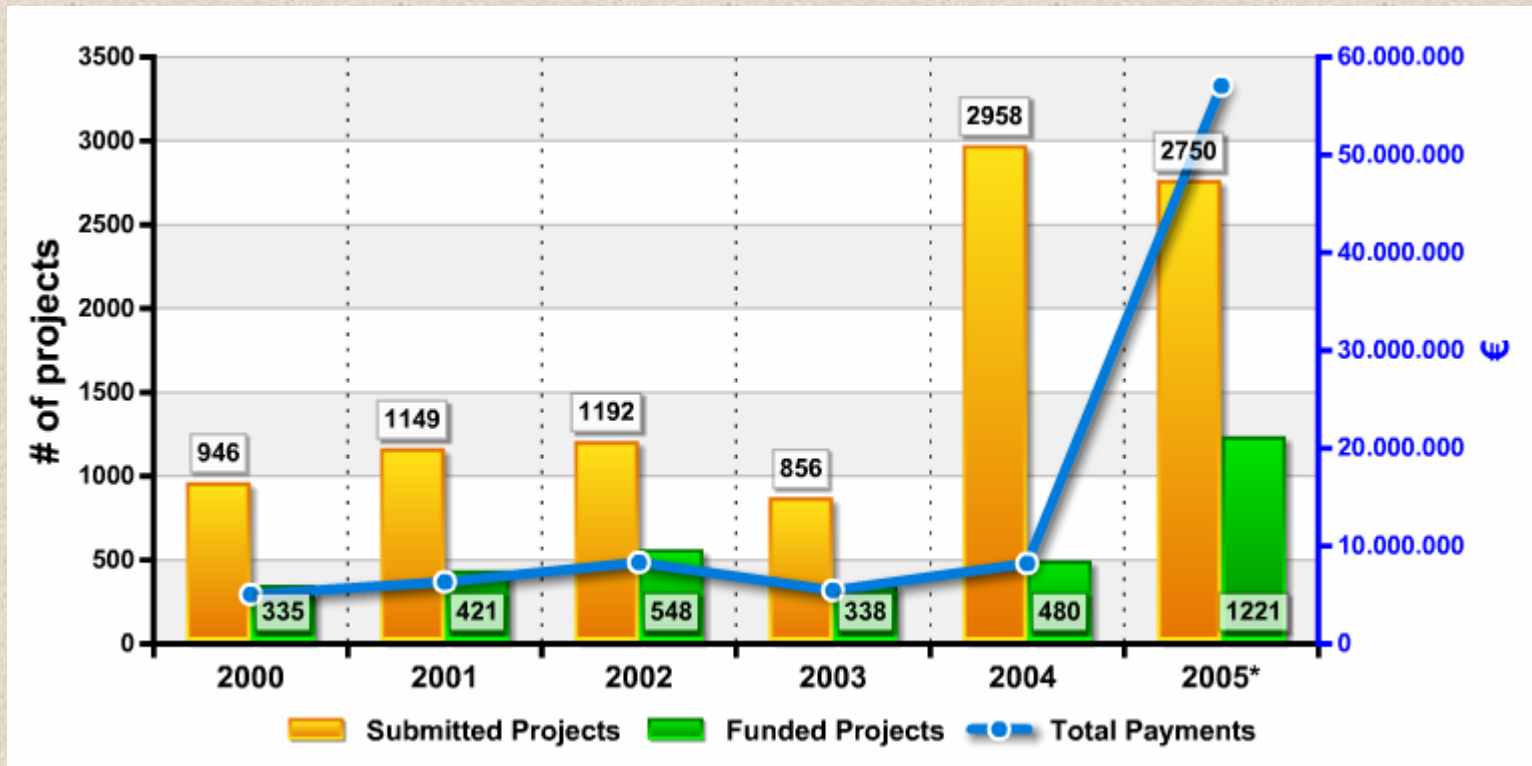
# 1. Research Projects and Support Programmes of TUBITAK

## TUBITAK Supports for Academic Research

- During the last decade, approximately one thousand scientific research proposals were received annually. On-going projects were approximately 1300.
- However after new S&T strategy, annual submissions reached 4000 and on-going projects exceeded 2000.
- Research Grant Committees (RGC):
  - Agriculture, Forestry and Veterinary
  - Basic Sciences
  - Environment, Earth, Marine and Atmospheric Sciences
  - Electrical, Electronics and Informatics
  - Health Sciences
  - Engineering
  - Defence and Security Technologies
  - Space Technologies
  - Social Sciences and Humanities



## TUBITAK Supports for Academic Research\*



(\* ) October 2005



# 1. Research Projects and Support Programmes of TUBITAK

## Public Research Programmes

- Public agencies were called to submit their R&D proposals for TUBITAK funding, aiming to address their particular needs - related to their basic functions and services that can be matched with customer driven research.
- The project may be carried out within their own departments or in collaboration with universities, other research institutions, and the private sector or in the form of consortia.
- More than 200 proposals were received in response to the first call. Over 100 have been evaluated so far, more than 30 have been awarded, many requiring multimillion Euro funding.



## 2. Research Projects of Universities

### Funding of University Research Projects

- State Budget (Public Investment Programme)
  - Individual Basic and Applied Research Projects
  - Centres of Excellence and Strategic Research Institutes
  - Researcher Development Programmes (RDP)
  - Integrated National and International Projects (INIP)
  - TUBITAK Academic Research Programmes (including TRA sources)
  - TAEA Nuclear Research Projects Supporting Programme
  - BOREN Boron Research Programme
- Revolving Funds
- Contract Research Projects (national and international)
- Sixth Framework Programme

## 2. Research Projects of Universities

### Major University Projects:

- Centres of Excellence and Strategic Research Institutes (2001)
  - Nanotechnology, biotechnology, advanced materials, supercomputing, MEMS, automotive, agriculture, aerospace...
  - Researcher development component (850 new researchers involved)
- Research Development Programme (RDP)
  - Network of universities,
  - Central university provides PhD for partners' academician nominee,
  - METU(2001, 21 univ.), Ankara (2005, 14 univ.) and Ege University (2005, 7 univ.)
  - About 1200 new researchers by 2010 on priority research areas
  - Industrial PhD (Anadolu University – Ceramics Programme)
- Integrated National and International Projects (INIP)
  - High socio-economic value, multilateral, new technology and product oriented
  - 10 projects, 85 institutions, 36 universities and >500 researchers since 2004



### 3. Research Projects of Other Public Institutions

- Research Projects of
  - Ministry of Agriculture and Rural Affairs
  - Ministry of Health
  - Ministry of Public Works and Settlement
  - Ministry of National Defence
  - Ministry of National Education
  - Ministry of Industry and Trade
  - TAEA
  - TUBA
  - BOREN

are supported from the State Budget

- TRA public institutions component



# Supports for Private Sector

## Composition of Supports

### •Grants and Credits for Private Sector Research Projects

UoFT

UoT

TUBITAK

TTGV

KOSGEB

### •Tax Benefits

Ministry of Finance



## Supports for Private Sector

### Grants and Credits for Private Sector Research Projects

- Undersecretariat of Foreign Trade (UoFT)
  - Provides funding for private sector research projects with the “State Support for R&D Programme”
- Undersecretariat of Treasury (UoT)
  - Provides loans to industry under the “Support for R&D Investment Programme” covering 50% of machinery, equipment and software expenses





## Supports for Private Sector

### Grants and Credits for Private Sector Research Projects

- TUBITAK
- Provides grants up to 60% of R&D projects



## Supports for Private Sector

### Grants and Credits for Private Sector Research Projects

- Turkish Technology Development Foundation (TTGV)
  - Provides credit R&D and innovation projects of industrial companies
  - 50% support for project budget and payback in 4 installments
  - Utilises UoFT fund and its own income. (Until 2005 also World Bank Credit)
- KOSGEB R&D Project Support
  - Provide support for research projects of SMEs



## Supports for Private Sector

### •Tax Benefits

- Ministry of Finance executes tax incentives.  
(40% of annual R&D expenses can be deducted from the declared income.)
- TUBITAK provides assistance in appraisal.



## Supports for Private Sector R&D (Million Euro)

<b>PROVIDER OF SUPPORT</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
<b>TUBITAK-TRA</b>	-	-	69
<b>UoFT</b>	42	51	32
<b>MoF (Tax Incentives)</b>	28	7	20
<b>MoIT-KOSGEB</b>	3	12	15
<b>TOTAL SUPPORT</b>	73	70	136



## **SCREENING CHAPTER 25 SCIENCE AND RESEARCH**

# **AGENDA ITEM 2: RESEARCH POLICY AND PROGRAMMES**

## **IMPLEMENTATION OF EU RESEARCH FRAMEWORK PROGRAMMES**

**Country Session: The Republic of TURKEY  
14 November 2005**



## **TURKEY'S STATUS AT EU RESEARCH FRAMEWORK PROGRAMMES**

Turkey has participated in the FP4 and FP5 on project basis and is an associated country to the FP6 and is already a full partner of the EU in science and research.



## FP6 NATIONAL COORDINATION SYSTEM IN TURKEY



## FP6 NATIONAL COORDINATION SYSTEM IN TURKEY

- TUBITAK is the National Contact Point Organisation for EU Framework Programme.
- Its mission is to facilitate the Turkish participation in EU Programmes and the integration of the Turkish Research Area (TRA) with the European Research Area (ERA).





## FP6 NATIONAL COORDINATION SYSTEM IN TURKEY

The link to the actors of the research and innovation system is established by two mechanisms:

- ***The NCPs:*** The coordination activities within FP6 are mainly carried out by NCPs working at the National Coordination Office (NCO) at TUBITAK.
- ***The Institutional Contact Points (ICPs):*** They are responsible for the dissemination of official information. ICPs establish a bridge between the researchers of their own organization and the members of outside bodies and the NCPs.



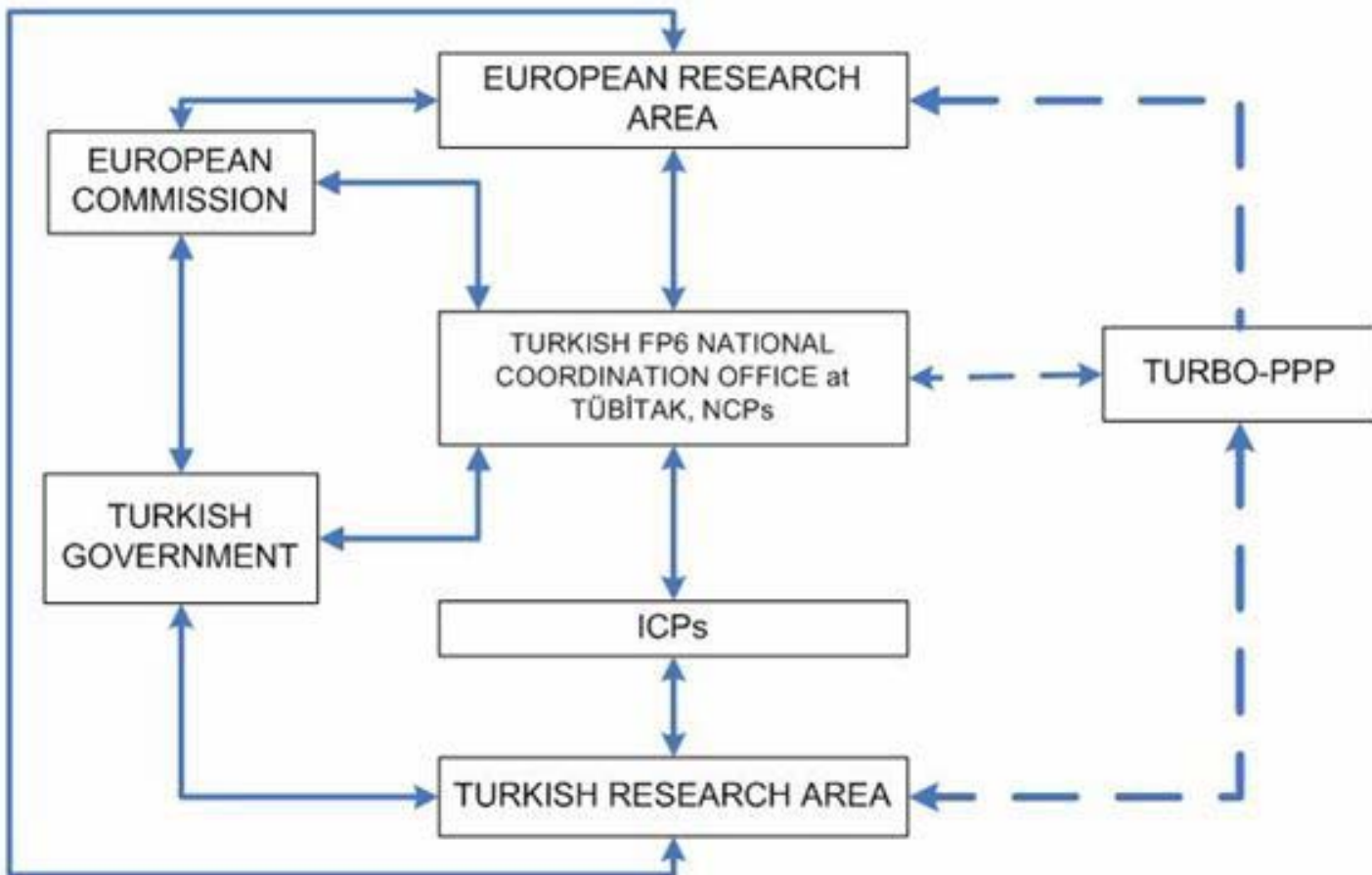
## FP6 NATIONAL COORDINATION SYSTEM IN TURKEY

### Turkish R&D Liason Office in Brussels

- TuR&Bo-ppp office located in Brussels is another initiative that facilitates the relationship of Turkish agencies and the individual researchers with the representatives of the Commission and their counterparts in participating countries in the EU Framework Programme.
- As a member of IGLO, TuR&Bo-ppp is a public-private partnership formed by TUBITAK, TOBB, KOSGEB and TESK.



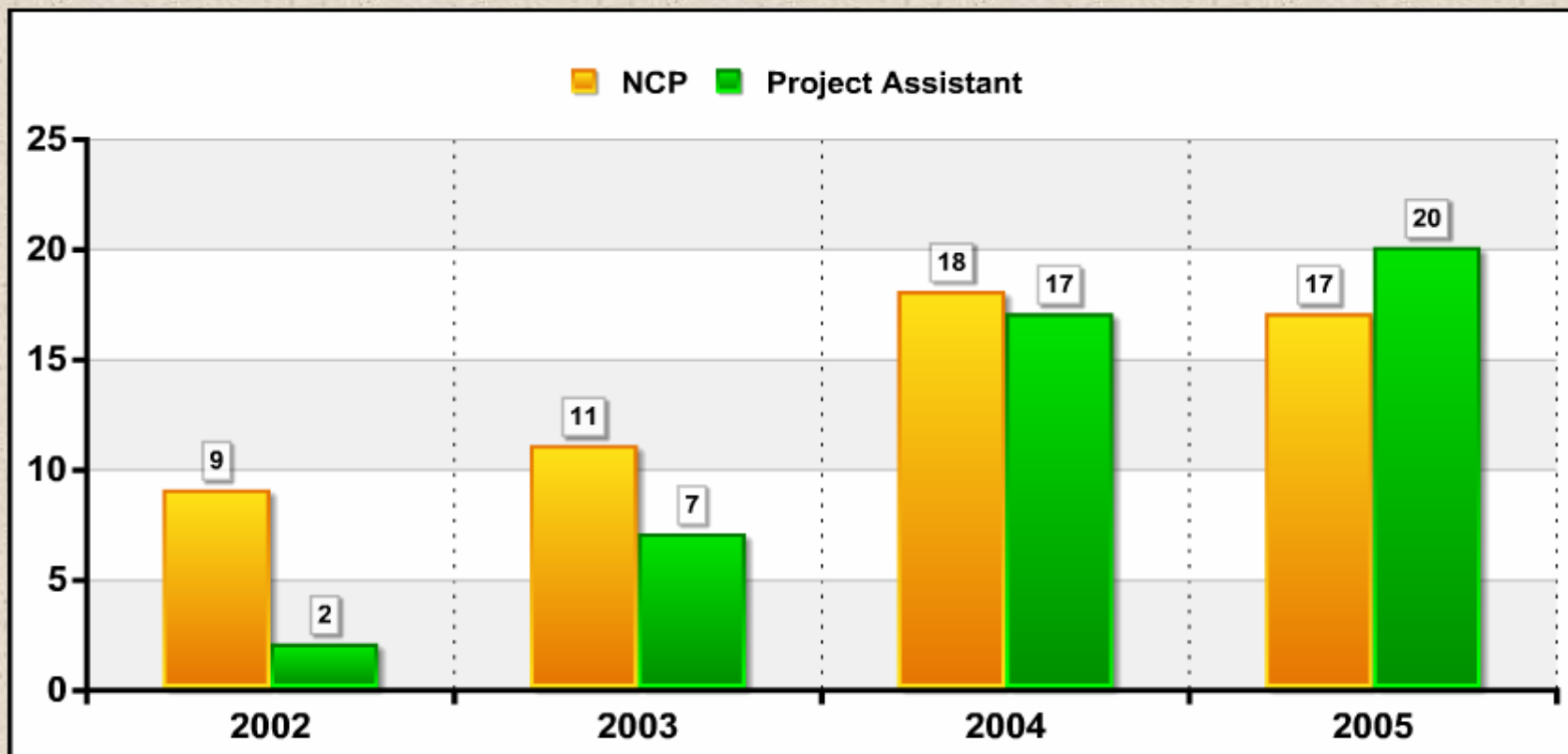
# FP6 NATIONAL COORDINATION SYSTEM IN TURKEY





## FP6 NATIONAL COORDINATION SYSTEM IN TURKEY

- Increase in number of FP6 related staff (17 NCPs, 20 other staff)
- 542 Institutional Contact Points





## FP6 NATIONAL COORDINATION SYSTEM IN TURKEY

To facilitate the Turkish participation in EU RTD programmes and integration of the TRA with the ERA, Turkish National Contact Point Organisation promotes greater awareness among groups of potential participants. This mission is achieved through:

- Providing information and assistance to all interested parties,
- Initiating and fostering networks in thematic and horizontal areas,



## FP6 NATIONAL COORDINATION SYSTEM IN TURKEY

- Developing strong relationships with counterpart organizations and providing partner search services,
- Representing the Turkish research community in EU FP6 programme committees, EU platforms and international fora,
- Monitoring the Turkish participation and carrying out statistical analysis and studies in order to determine the needs and measures to be taken by the related governmental organisations and TUBITAK.



## FP6 NATIONAL COORDINATION SYSTEM IN TURKEY

- Most of the FP6 related activities within the NCO are financed either directly by TUBITAK or by the Specific Support Actions projects funded by the EC and carried out by TUBITAK.
- TR-ACCESS Project: An example for an awareness raising action
  - Formation of a nation-wide information network,
  - Release of a comprehensive web-page and instructive booklets/bulletins,
  - Organisation of coordination meetings, information days, workshops and thematic conferences,
  - Introduction of new calls and work programmes,
  - Support for research infrastructure, as well as research activities of industry and SMEs.



## **FINANCIAL AND LEGAL REGULATIONS CONCERNING THE USE OF EU FP FUNDS**





## FINANCIAL AND LEGAL REGULATIONS CONCERNING THE USE OF EU FP FUNDS

Initiated by TUBITAK, a steering committee and a working group have been formed with the participation of high-level officials from related organisations. Following the meeting on 30 March 2004, some concrete steps have been taken:

- The use of project budget from FP6 and similar grants were regulated (*Law No. 5234, Article 32*)



## FINANCIAL AND LEGAL REGULATIONS CONCERNING THE USE OF EU FP FUNDS

- “The Principles and Procedures regarding the Accounting and Spending of the Project Grants Transferred from the Sources of the EU and International Institutions to Public Administrations” (*Official Gazette No. 25766*)
- “The communiqué regarding the application of exemptions on VAT, excise duties, stamp tax, inheritance tax on delivery of goods and services-transactions within the context of EU funded or Turkey-EU funded projects, activities and actions under Turkey-EU Framework Agreement” (*Official Gazette No. 25820*)



## **SUPPORT ACTIONS TO INCREASE TURKISH PARTICIPATION IN FP6**

# SUPPORT ACTIONS TO INCREASE TURKISH PARTICIPATION IN FP6

## FP6 Info Days



- 203 events have been organised at 31 different cities which are active in terms of industrial capacity and research all over the country.
- Approximately 13,000 attendees.



# SUPPORT ACTIONS TO INCREASE TURKISH PARTICIPATION IN FP6

## Grants

### Encouragement Prize for Submission of Eligible Proposals

- 387 project proposals have received prizes.

### Support for Project Meetings and Travels

- 135 Turkish Researchers have been supported.

### Internal Researcher Mobility Fellowships

- Fellowships are granted to support the internal mobility of our researchers. The number of applications made for the first period was 61 and 44 for the second period.



# **SUPPORT ACTIONS TO INCREASE TURKISH PARTICIPATION IN FP6**

## **Actions for SMEs**

### **Training Programmes on Project Evaluation and FP6 Proposal Preparation**

- Training of 350 experts for knowledge transfer to their respective organizations

### **Identification of High-R&D Capacity SMEs**

- To identify 2500 SMEs with high R&D capacities
- To raise the partnerships of SMEs under FPs



# SUPPORT ACTIONS TO INCREASE THE TURKISH PARTICIPATION IN FP6

## EU FP6 Web Based Instruments

- Database for researchers and research centres
- Announcement Lists
- Database Industrial Institutions

## Publications, Newsletters and Training-Information Documents

- Periodic Publications
- Brochures and Books
- Web based training tools
- Publications to encourage FP6 participation through media

The screenshot shows the website www.fp6.org.tr, titled "Avrupa Birliği Altıncı Çerçeve Programı Ulusal Koordinasyon Ofisi". The page features a navigation menu with options like "Mevzuat", "Ortak Ara", "eDoküman", "Yardım", "İletişim", "Sözlük", and "Arama".

Key news items include:

- Yeni** Türkiye'nin 10 Ağustos 2005 itibarıyla Avrupa Birliği Altıncı Çerçeve Programı'ndaki durumunu görmek için tıklayınız.
- Yeni** Türkiye - Avrupa Birliği Çerçeve Anlaşması Uyarınca Avrupa Birliği Tarafından veya Türkiye - Avrupa Birliği Tarafından Ortaklaşa Finanse Edilen Projeler, Faaliyetler ve Eylemler Kapsamındaki Mal ve Hizmet Teslimleri, İşler ve İşlemlerde Katma Değer Vergisi, Özel Tüketim Vergisi, Damga Vergisi ile Veraset ve İhtikar Vergisi İstisnalarının Uygulanması'na yönelik Maliye Bakanlığı tarafından hazırlanan tebliğ, 20 Mayıs 2005 tarihli ve 25820 sayılı Resmî Gazete'de yayımlanmıştır.
- Yeni** Avrupa Birliği ve Uluslararası Kuruluşların Kaynaklarından Kamu İdarelerine Proje Karşılığı Aktarılan Hibe Tutarlarının Harcanması ve Muhasebeleştirilmesine İlişkin Esas ve Usuller" 25 Mart 2005 tarihli ve 25766 sayılı Resmî Gazete'de yayımlanarak yürürlüğe girmiştir.
- Tebliğ ve Esaslar'a "Mevzuat" başlığından ulaşabilirsiniz.
- Yeni** Vergi Muafiyetlerinden yararlanmak isteyen AT yüklenicisi ve AT Sözleşmesi Hakkındaki bilgi notu için tıklayınız.

The page also features a table with two columns: "ÇAĞRILAR" and "GÜNCEL".

ÇAĞRILAR	GÜNCEL
<p>FP6-2004-Science-and-Society-14 FP6-2004-Science-and-Society-15 FP6-2004-Science-and-Society-17 FP6-2005-IST-5 FP6-2002-Aero-2 FP6-2005-TREN-4-Aero FP6-2002-Transport-2 FP6-2005-Transport-4 FP6-2005-Global-4 FP6-2004-INCO-MPC-3 FP6-2004-INCO-DEV-3 FP6-2002-INCO-COMultilatRTD/SSA-5 FP6-2002-INCO-Russia+NIS/SSA-4 FP6-2002-INCO-MPC/SSA-2 FP6-2002-INCO-DEV/SSA-1 FP6-2005-Mobility-1 FP6-2004-Mobility-11 FP6-2004-Mobility-12 FP6-2004-NMP-NI-4 FP6-2004-NMP-TI-4 FP6-2004-NMP-SME-4</p>	<p>* Avrupa Birliği Araştırma ve Teknolojik Gelişme Programlarında Nasıl Değerlendirici Olunabilir? .pdf dosyası için tıklayınız.</p> <p>* Proje sunacak araştırmacılara destek olmak amacıyla TR-ACCESS projesi kapsamında daha önce hazırladığımız araçlara bir yenisi eklenmiştir. Yeni hazırlanan araç "Proje Teklifi Sunumu Kontrol Aracı" başlığını taşımaktadır. Proje kapsamında hazırlanan tüm araçlara, sayfaya üye girişimizi yaptıktan sonra, ana sayfadaki "Araçlar" başlığından ulaşabilirsiniz. TR-ACCESS sayfasına ulaşmak için lütfen tıklayınız.</p> <p>* "TR-ACCESS MOBILITY BURSLARI"na başvurabilirsiniz, devamı... Ayrıntılı bilgi için: Prof. Dr. MEHMET ZEYREK ve DİCLE TANTEKİN <a href="mailto:ncpmob@tubitak.gov.tr">ncpmob@tubitak.gov.tr</a></p>
DUYURULAR	ETKİNLİKLER
<p><b>Yeni</b> ...</p>	<p>* EP-IST Protesi Bilgi Toplumu Teknolojileri e-Health ve e-</p>



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# **ACTIONS TO INCREASE TURKISH PARTICIPATION IN JOINT RESEARCH CENTRES (JRC) ACTIVITIES**

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## **ACTIONS TO INCREASE TURKISH PARTICIPATION IN JRC ACTIVITIES**

- The JRC activities carried out in Turkey aim at contributing to the improvement of interaction between Turkish researchers and JRC.
- Active participation of Turkish researchers is achieved in activities specified in the annual plan of JRC which are mainly targeting the NMSs and CCs.
- Under the sponsorship of TR-Access Project coordinated by NCO, 11 local JRC events have been organised since October 2004.
- More than 600 researchers participated in these events.



# ACTIONS TO INCREASE TURKISH PARTICIPATION IN JRC ACTIVITIES

- Turkish web portal was established for providing updated information on JRC opportunities

The screenshot shows the website for the Joint Research Center Activities (JRC) under the EU Sixth Framework Programme. The page includes a navigation menu with options like 'General Information', 'Success Stories', 'CV Pool', 'News & Events', 'Knowledge Pool', 'Useful Links', and 'Frequently Asked Questions'. A central section titled 'FOR NEW MEMBERS' features a map of Europe with logos of various institutes (IRMM, IPSC, IES, IHCP, ITU, IE, IPTS) and a call to action: 'In order to be informed about the JRC activities and events please fill in our form!'. Below this, there are sections for 'CALLS FROM JRC' and 'OUR ACTIVITIES', with specific announcements for '29-12-2004 Kocatepe University/ Afyon TRACCESS/ FP6 INFODAY' and '28-12-2004 Uludag University/ Bursa TRACCESS/ FP6 INFODAY'. A sidebar on the right lists 'JRC Institutes', 'JRC Priorities', and 'Work opportunities'. Contact information for JRC National Contact Points is provided at the bottom left.

[http://www.fp6.org.tr/\\_etkinlikalanlari/jrc](http://www.fp6.org.tr/_etkinlikalanlari/jrc)



**As a result of promotion actions the number of Turkish researchers who benefit from JRC actions is increasing with a sharp trend:**

- Currently, 10 Turkish researchers are working in the JRC institutes with an upward trend\*.
- 150 Turkish experts participate in over 100 workshops aiming at the uptake of the “acquis communautaire” with participants from accession and candidate countries.\*
- The 2005 Enlargement and Integration Action comprises five workshops in Turkey, e.g. Black Sea Day was held in Istanbul from 13 to 15 June.\*

\*[www.jrc.cec.eu.int](http://www.jrc.cec.eu.int)



Notable participation in JRC workshops and other actions from several universities and research institutes from all over Turkey.





## EXAMPLES FOR COLLABORATIONS BETWEEN TURKISH RESEARCH AREA AND DG JRC\*

- Bright solar energy future for Turkey
- Contribution of research and innovation in the context of the Lisbon Strategy
- Reliable scientific measurements are important for the internal market, for the environment and for food safety and health
- Environment - monitoring maritime pollution

\*[www.jrc.cec.eu.int](http://www.jrc.cec.eu.int)



## OTHER ACTIONS



## ESTABLISHMENT OF TURKISH EXCELLENCE CENTRES

- Following the call FP6-2004-ACC-SSA-2, 11 projects out of 138 applications from Turkey were funded by the Commission.
- 16 projects have been granted 5.6 million Euro by TUBITAK (All passed the evaluation threshold, but were not funded by the Commission due to budget limitations).
- TUBITAK also awarded two graduate (MSc or PhD) scholarships to each of the first 11 projects.



## ENCOURAGING THE MOBILITY OF RESEARCHERS IN ERA

- Turkey participates in ERA-MORE Network with TR-MONET Project (Turkish Mobility Portal) that is conducted under the coordination of TUBITAK
- 6 Pilot Centres are identified.







# INTRODUCING TURKEY'S RESEARCH POTENTIAL IN EU'S RESEARCH NETWORKS

- TURBO-UKRO “Turkey-UK R&D Cooperation Day” (May, 18, 2005, Newcastle)
- NATO Workshop (May, 15-20, 2005, Bulgaria)
- ESF Meeting (June, 24, 2005, Hungary)
- TURBO-COST Seminar (July, 5, 2005, Brussels)
- JRC Enlargement and Integration Workshop (May, 18-19, 2005, Spain)
- Communicating EU Research (14-15 November, 2005, Brussels)





## COMMON PAPER BY BULGARIA, ROMANIA AND TURKEY

- A joint paper of Turkey, Bulgaria, and Romania, prepared with the collaboration of TUBITAK and these countries' Permanent Representations to the EU, has been presented to the European Commission Directorate General for Research (21 December 2004).
- The paper includes suggestions and comments on improvement and facilitation of the participation of Turkey, Bulgaria and Romania in the Framework Programmes.



## TURKEY'S FP6 PERFORMANCE



## TURKEY'S FP6 PERFORMANCE

As gathered by the National Coordination Office, Turkey's performance in the Sixth Framework Programme as of October 26, 2005, is as follows:

- Total application: 1464 projects / 2203 Turkish Partners
- Total accepted: 260 projects / 330 Turkish Partners
- Success rate of the Turkish Researchers: 15 %



# TURKEY'S FP6 PERFORMANCE

**# of participants in the submitted projects**    **# of participants in the successful projects**    **Success Rate**

