



PUBLIC RESEARCH INFRASTRUCTURES IN TURKEY

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Agenda

- Ministry of Development
- R&D and Innovation Policy in the 10th Development Plan
- Public funding for R&D
- Research Infrastructures
 - Public funding of RIs
 - The Reform for RIs

Ministry of Development

- Established as State Planning Organization - 1960
- Restructured in 2011 as a Ministry

Main Duties:

- Directing and coordinating economic, social and cultural development efforts in Turkey
 - Planning and overseeing national policies and their implementation
 - Prioritizing and allocating public resources to fixed capital investments
 - Establishing and directing regional development agencies

R&D and Innovation Policy in the 10th Development Plan

- **Focus:** Private sector and commercialization
- **Innovation system:** Cluster and entrepreneurship oriented
- **Public research centers:** Sustainability through collaboration and better management
- **International competitiveness:** Effective R&D and innovation support system
- **Public procurement system:** Innovative domestic products, technology transfer and entrepreneurship
- **Regional and global cooperation**

Public Funding for R&D and Innovation

- Public research infrastructures in universities and other public institutions (€100 million in 2015)
- Support Programs (€500 million in 2015)
 - TÜBİTAK - TARAL Program
 - MSIT - SANTEZ
 - MSIT - Technology Development Zones
 - ...

Public Funding for RIs

- Increased funding in the last decade
- € 1.1 billion allocation
- To build new centers and improve existing ones
- By competitive project calls

Project Calls for RIs

- Open to all research institutions
- Assessed by scientific panels
- Assessment criteria:
 - National priorities and strategic importance
 - Capability of the applicant institution
 - Collaboration with stakeholders
 - Sustainability

Research Infrastructures

Advanced and Thematic Research Centers

- Specialized in a certain scientific area
- In relatively developed institutions in terms of R&D capability

~ 110 centers established or improved

Central Research Laboratories

- In all state universities
- Fundamental research infrastructure

94 labs built

Reform: The New RI Law

- **The Need:**
 - Increase economic and social benefits of RIs,
 - Ensure financial and managerial sustainability
- Participation of all stakeholders
- Enacted in July 2014
- Secondary legislation related to implementation adopted

What Does The Law Offer?

New Institutional Structure

- Research Infrastructures Council (RIC)
- Committee and Sub-committees for M&E

Better Management

- Board of Directors
- Advisory Board
- Professional Managers

Certification

- Legal entity status
- Assessed every 5 years

Personnel Regime

- Competitive, performance based salaries for researchers
- Part-time employment

What Does The Law Offer?

Financial Sustainability

- Performance based government funding
- Tax exemptions and incentives

Private Sector Partnership

- Opportunity for joint centers
- Setting up companies and partnering with established ones

Open Access

Open to all researchers

Conclusion

Research infrastructures:

- Qualified human resources,
- Sufficient financial resources,
- Collaboration with national and international stakeholders,
- Better managerial capacity,

To enhance the effectiveness of the national research and innovation system.

Thank you!

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