



Republic Of Turkey
Ministry of Science, Industry and Technology



MINISTRY OF SCIENCE, INDUSTRY AND TECHNOLOGY & ITS ACTIVITIES ABOUT TTOs



New Ministry & New Role For the Ministry

**In June 2011 Ministry of Science Industry & Technology
was Found instead of Ministry of Industry & Trade**

**In terms of science, technology and innovation policies,
the Ministry will:**

- Determine, implement and coordinate the science, technology, R&D and innovation policies with related institutions
- Encourage R&D and innovation programs and projects in terms of industry
- Support activities and investments within the framework of R&D and innovation directed to industry
- Take incentive measures and implement them



Main Service Units of the Ministry

DG for Industry

DG for Science and Technology

DG for Industrial Zones

DG for Metrology and Standardisation

DG for Safety and Audit of Industrial Products

DG for Productivity

DG for European Union and Foreign Affairs



Functions, Mandates and Responsibilities

- Develop and implement industrial policies and strategies,
- Keep the registry of industrial enterprises, produce industrial statistics and analysis,
- Determine, implement and coordinate S&T&I policies, support R&D and innovation programmes and projects,
- Work towards establishment and functioning of organized industrial zones, industrial zones and small industrial estates,



Functions, Mandates and Responsibilities

- Develop and implement metrology policies and strategies and conduct technical regulations,
- Conduct market surveillance and inspection for the product safety of industrial products,
- Prepare policies and strategies for productivity, carry out research on procedures to improve the productivity in public and private sector enterprises,
- Execute relations with international institutions, European Union and foreign countries in the field of Ministerial activities.



Affiliated, Related and Relevant Institutions

Turkish Patent Institute (TPE)

The Scientific and Technological Research Council of Turkey (TÜBİTAK)

Turkish Standards Institution (TSE)

The Turkish Academy of Sciences (TÜBA)

Small and Medium Enterprises Development Organization (KOSGEB)

The Turkish Sugar Authority



Science & Technology Directorate General

Aim to increase the innovativeness of Turkish private sector and its cooperation with the universities.

Under the framework of Law No:5746 provides a range of fiscal incentives for R&D and innovative activities by the private sector.



Science & Technology Directorate General

Technology Development Zones (TDZs)

Industrial Thesis Supporting Program (SAN-TEZ)

R&D Centres

Technological Entrepreneurship Capital Support Program



Technology Development Zones (Technoparks)

Supports and Exemptions Provided by the Law on TDZs

1) For Managing Companies

- Financial support shall be provided by the Ministry within the scope of the law.
- The managing company shall be exempt from the stamp duty and charges on the relevant transactions.
- Income received within the scope of this Law shall be exempt from tax until 31.12.2023



Technology Development Zones

2) For Entrepreneurs

- VAT Exemption
- Incentives for Withholding Income Tax
- Deduction from Corporate Tax and Income Tax in R&D Expenditures
- Support for Insurance Premiums
- Investment and Production License

3) For Academicians

- Academicians can establish a company/become partners of a company and/or be involved in the management of a company in the Zone.
- It is ensured that the personnel of public administrations and universities may be assigned to work for the managing companies, if their services are required in administrative positions in the Zone.



Technology Development Zones

As of June 2013;

- 52 TDZs have been established, 37 of them are operational
- 2247 R&D companies, 71 of which are foreign companies, 277 incubation companies
- 19.786 R&D staff and 3.259 technical support personnel
- 5.768 R&D projects being carried out, while 9.966 completed
- 322 patent (applied/accomplished)
- 897 million \$ export volume
- 683 million \$ FDI
- Main Sectors: Software & IT, Electronic, Defense, Advanced materials, Industrial design, nanotechnology, biotechnology, automotive, medical technologies and Renewable Energy



Technology Development Zones

Sectoral Distributions

- 54 % Software and IT Sector
- 8 % Electronics
- 5 % Defense Industry
- 4 % Industrial Design
- 3 % Renewable Energy
- 3 % Medical and Bio-medical
- 3 % Health
- 20 % Others (Advanced Materials, Automotive etc.)



Industrial Thesis Programme (SAN-TEZ)

Industrial Thesis (San-Tez) is a programme that supports R&D and innovation projects conducted by university-industry collaboration. Within the scope of programme, graduate or PhD thesis studies specified in accordance with the needs of the industry are supported. Purpose of programme is development of new product or production methods with high added value that will commercialize the academic researches

SAN-TEZ programme has been launched in 2006.





Industrial Thesis Program

The goals of this project;

- To increase R&D personnel for industry
- To foster new and innovative firms
- To commercialize academic research
- To improve university-industry collaboration
- To increase competitiveness of the country



Technology Transfer Office (TTO)

Focuses on R&D and Technological Development;

Function of TTOs are defined with TDZ Law (No:4691, No:6170);

- To share knowledge
- To establish coordination (connect)
- To guide companies for research
- Promoting new R&D companies to be built
- Protecting, commercializing and marketing Intellectual Property
- Managing the profit made from commercializing IP



Technology Transfer Office (TTO)

Managing Company (Definition in TDZ Law):

- Dealing with planning about the Zone with projects
- Implementing infrastructure, superstructure services
- Establishing incubation centres and TTOs
- Managing the zone as defined with laws



Technology Transfer Office (TTO)

MoSIT's Role (Definition in TDZ Law):

- Building places for TDZs
- Partial support to Managing Company for:
 - R&D and innovation activities
 - Incubation programs
 - TTO services and technology cooperation programs
 - Establishing incubation centres and TTOs
 - Managing the zone as defined with laws



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TUBITAK SUPPORTS TTOs

Which Activities are Supported?

- Processing and developing R&D projects
- Supplying logistics to R&D
- Protecting, recording, marketing and commercializing IP rights
- Entrepreneurship projects
- Establishing incubation centres
- Providing business guidance, consultancy and education services
- TTOs informative activities and broadcastings

TUBITAK SUPPORTS TTOs

How to Support?

- **TTOs will be supported for 10 years**
- **First 5 years with a rate of 80 %**
- **Following 5 years with a rate of 60 %**
- **Supports are limited to 1 Million TL**
- **Project application calls are published**
- **Supported projects are evaluated by evaluation committee in 6-month periods**

TUBITAK SUPPORTS TTOs

What Kind of Expenses?

- **Staff**
- **Transportation**
- **Incidentals & Accommodation**
- **Tools & Devices**
- **Software**
- **Publication**
- **Service (Domestic or International Consultancy and Education)**
- **Meeting, Publicity & Organizations**
- **Certified Public Practitioner**
- **On costs**

TUBITAK SUPPORTS TTOs

Proposals

Previous call for proposal was made in November 2012

39 application was made 10 TTO was supported:

- Yıldız Technical Uni., Boğazici Üni., Koç Uni.,
Sabancı Uni., Özyeğin Uni. (İstanbul)
- Middle East Technical Üni., Gazi Üni, Hacettepe Üni.
(Ankara)
- Ege University (İzmir)
- Selçuk University (Konya)

TUBITAK SUPPORTS TTOs

Proposals

- A new call for proposal is open for new applications till 15th of October
- Entrepreneurship and Innovation is a must to apply
- Top 50 Universities in Entrepreneurship and Innovation Index of 2012's or 2013's list can apply
- At the end of evaluations another 10 TTOs will be supported



IPA PROJECTS

Financed by European Union (Max: 85 %) and Turkey Republic

Regional Competitiveness

Now Supports 3 TDZs (in Gaziantep, Kayseri-Yozgat, Elazig) for:

- Works
- Consultancy (Engineering for Works)
- **Technical Assistance**
- Supply

