Online ITEA PO Preparation Days 2021
Information Session of Turkey

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ITEA Cluster National Contact Point
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Roles of TÜBİTAK

INNOVATIVE, GUIDING, PARTICIPATING AND COOPERATING INSTITUTION IN SCIENCE, TECHNOLOGY AND INNOVATION

1. Performing R&D
2. Funding R&D and Innovation
3. STI Human Resources Development
4. Science and Society Activities
5. International ST&I Cooperation
Targeted Increases in R&D Expenditure and R&D Personnel

**R&D Expenditures as a Share of Gross Domestic Product (%)**
- **2017**: 0.96
- **2023**: 1.8
- **Increase**: 88%

**Number of R&D Personnel in Full-Time Equivalents (FTE)**
- **2017**: 153,552
- **2023**: 300,000
- **Increase**: 95%

**Number of FTE R&D Personnel with Doctoral Degree per Million Capita**
- **2017**: 352
- **2023**: 863
- **Increase**: 145%

**Source**: Strategy and Budget of the Presidency of Republic of Turkey, Eleventh Development Plan of Turkey (2019-2023)
Global View of Bilateral / Multilateral Scientific and Technological Cooperation

- **Bilateral Cooperation with 64 Countries – 91 Institutions**
  - Joint Research and Innovation Projects, Scientific Activities, Researcher Exchange
- **Additional cooperation with 100 countries through multilateral unions and platforms**

<table>
<thead>
<tr>
<th>International Scientific and Technological Cooperation</th>
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<tr>
<td>Activities for Internationalisation in STI</td>
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**Bilateral Cooperation**
- 64 Countries – 91 Institutions Joint R&D&I Projects Scientific Events, Researcher Exchange

**Multilateral Cooperation**
- International Platforms: EUREKA, PRIMA, COST.

**International Organisations**
- UN, OECD, ANSO, ICO, D8, BSEC, EMBO, APSCO, WAITRO etc.

**Science Years**
- Turkish-German Year of Science
- Turkey-UK Year of Science and Innovation (Newton-Katip Çelebi Fund)

**Science Diaspora**
<table>
<thead>
<tr>
<th>Sector</th>
<th>Total Number of Calls</th>
<th>2019</th>
<th>2020</th>
<th>Total Number in 2019</th>
<th>1st Term</th>
<th>2nd Term</th>
<th>Total Number in 2020</th>
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<tr>
<td></td>
<td></td>
<td>1st Term</td>
<td>2nd Term</td>
<td>Total Number in 2019</td>
<td>1st Term</td>
<td>2nd Term</td>
<td>Total Number in 2020</td>
</tr>
<tr>
<td>ICT</td>
<td>43</td>
<td>13</td>
<td>13</td>
<td>26</td>
<td>9</td>
<td>8</td>
<td>17</td>
</tr>
<tr>
<td>Health</td>
<td>24</td>
<td>7</td>
<td>5</td>
<td>12</td>
<td>5</td>
<td>7</td>
<td>12</td>
</tr>
<tr>
<td>Machinery Manufacturing</td>
<td>20</td>
<td>7</td>
<td>7</td>
<td>14</td>
<td>4</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>Automotive</td>
<td>18</td>
<td>5</td>
<td>3</td>
<td>8</td>
<td>5</td>
<td>5</td>
<td>10</td>
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<tr>
<td>Agriculture and Food</td>
<td>17</td>
<td>4</td>
<td>5</td>
<td>9</td>
<td>3</td>
<td>5</td>
<td>8</td>
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<tr>
<td>Energy</td>
<td>16</td>
<td>2</td>
<td>4</td>
<td>6</td>
<td>6</td>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td>SSH</td>
<td>6</td>
<td>1</td>
<td>3</td>
<td>4</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Other (Chemistry, Materials, Mining)</td>
<td>10</td>
<td>3</td>
<td>3</td>
<td>6</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Toplam</td>
<td>154</td>
<td>42</td>
<td>43</td>
<td>85</td>
<td>35</td>
<td>34</td>
<td>69</td>
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TEYDEB 1509

International Industrial R&D Funding Programme
Eligibility criteria & national priorities – Turkey

- Funded by TÜBİTAK TEYDEB (Technology and Innovation Support Programmes Directorate)
- International Industrial R&D Funding Program – 1509
- No budget limit for the projects
- No limit for duration of the project
Who can apply?

- **Individual Application is allowed**
  - SMEs
  - Large Companies
  - Project Partner

- **Individual Application is not allowed**
  - Universities
  - Research Centers
  - Service Provider
SMEs and Large Companies are eligible for funding

- SMEs can receive 75% of all eligible R&D costs
- Large companies can receive up to 60%

All fund is given as grants

Online application tool: [http://eteydeb.tubitak.gov.tr](http://eteydeb.tubitak.gov.tr)
Evaluation process

01. ITEA Call
02. ITEA Evaluation
03. Label
04. National Evaluation
05. Monitoring by ITEA and TUBITAK
Evaluation process

1. Project Application to 1509 Program
2. External Evaluation by Independent Experts
3. Evaluation Committee
4. Contract
Which projects?

- Development of new product
- Development of new techniques to lower the cost and to increase standards
- Increasing product quality & standards
- Development of new production technologies

Role of Turkish partners is critical
Eligible activities

- Conceptual development
- Technological/technical and economic feasibility studies
- Laboratory studies to be conducted in the process of transition from conceptual development to design
- Design and development
- Prototype production
- Establishment of pilot plant
- Test run
Turkish participation in ITEA
Turkish ITEA participation between 2003-2020

- **214** Number of TUR projects that submitted PO
- **99** Number of labelled TUR projects (labelled+running+completed)
- **28** Number of currently running projects (Aug-2020)
- **46%** Success rate
Last two call statistics

- Call 6
  PO: 36 total/ 26
  FPP: 22 total/ 17
  Labelled projects Turkey involved in consortium: 15

- Call 7
  PO: 35 total/ 28
  FPP: 23 total/ 20
  Labelled projects Turkey involved in consortium: 14
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