



Horizon 2020 Policy Support Facility

Participation in MLE:
Turkish Experience

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Functions of TUBITAK at a Glance



1. Formulating S&T Policies

2. Performing Basic/Applied R&D

3. Funding Research and Innovation

4. STI Human Resources
Development

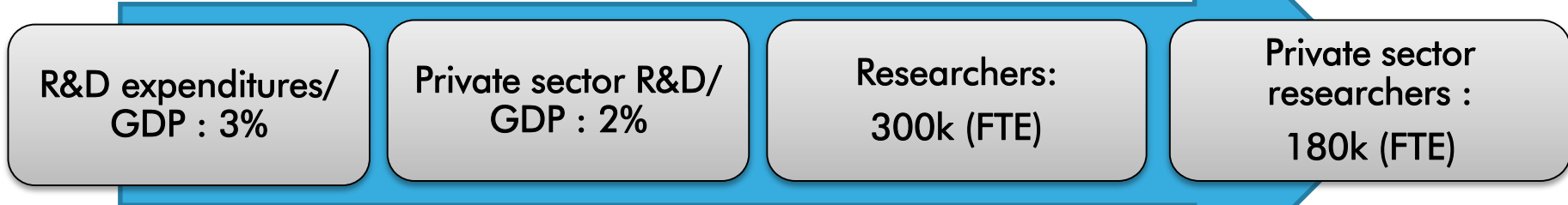
5. Science and Society Activities

6. International S&T Cooperation

Turkey's 2023 Vision



National Targets for the 100th Anniversary of Republic of Turkey in 2023

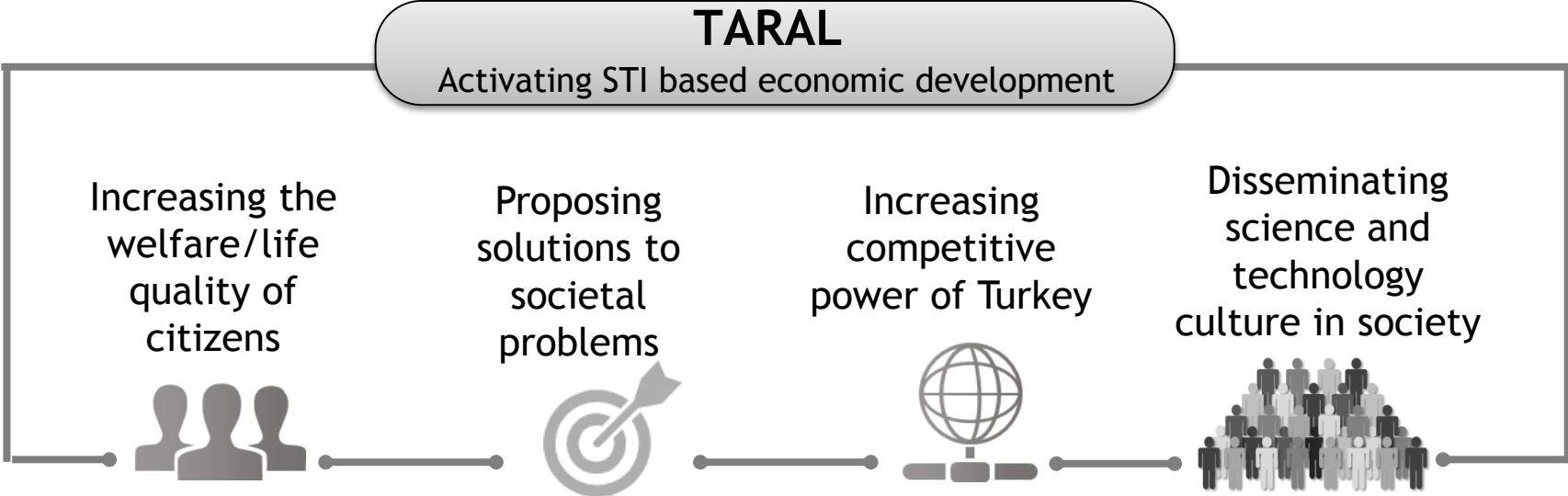


Turkish Research Area - TARAL

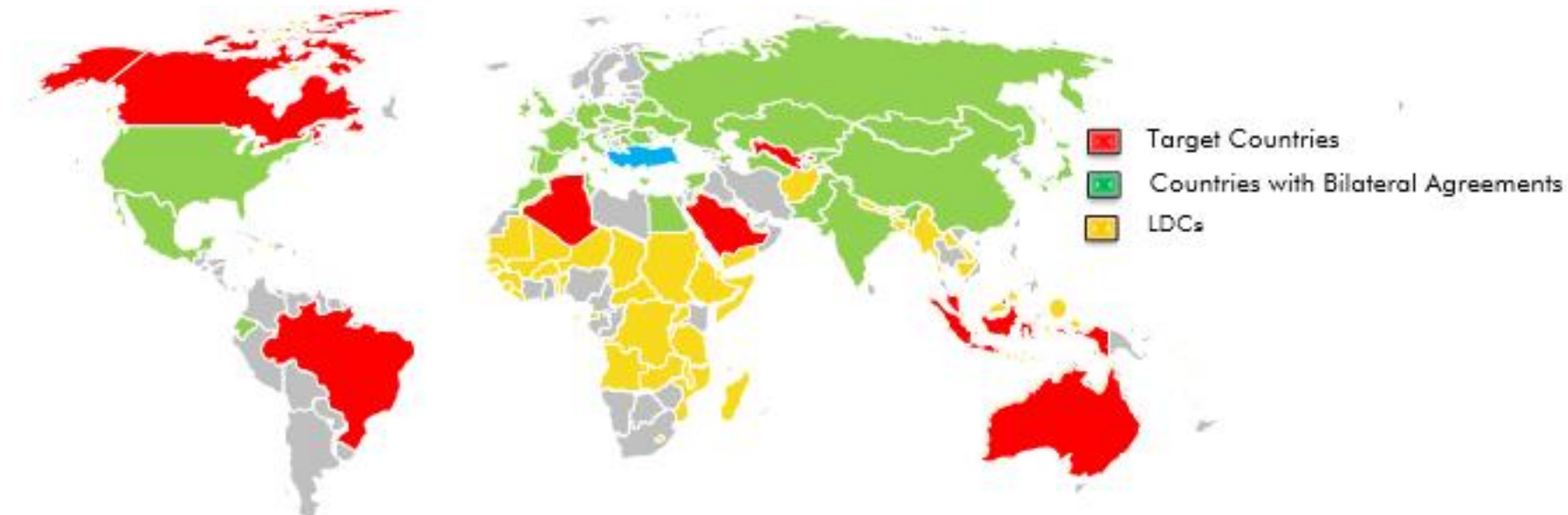
The ERA proposal after its adoption at the Lisbon Summit was incorporated to the FP6 which took effect at the beginning of 2003 and functionally detailed by DG Research

The 9th SCST Meeting; 2003: Turkish Research Area (TARAL) phenomenon is introduced.

TARAL is designed in line with ERA: Eliminate duplications and reducing fragmentation among research efforts

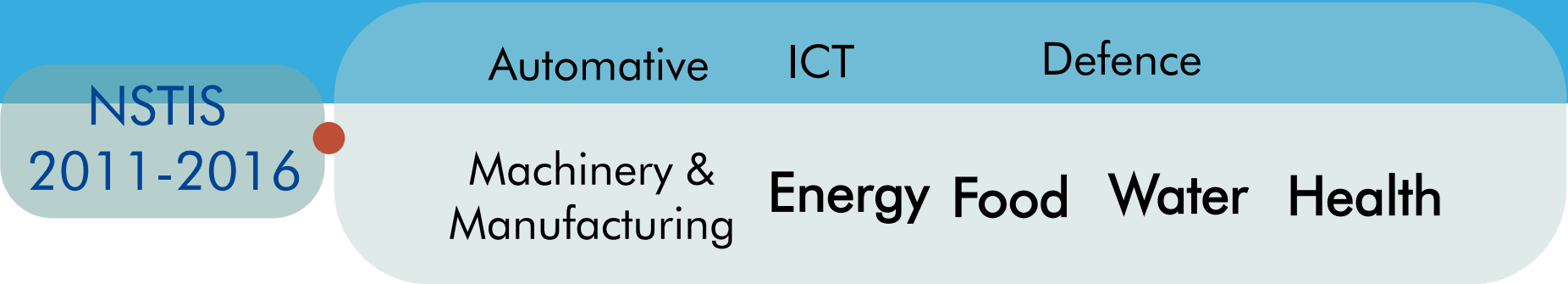


International Cooperation



- 54 agreements with 43 countries
- 10 target countries
- 30 bilateral calls for proposals within 2015-2016
- Support for joint RD&I projects, scientific activities, researcher exchange
- Total 510 ongoing international projects

Targeting Priority Areas: Stronger Approach



..... 2017-2023

Sub-technology needs
Governance Structures

- concentration of research and innovation activities in defined sectors (UBTYS 2011-2016)
- creating suitable governance mechanisms in cooperative manner

“High-Level Prioritization Meetings”

- high-level executives of the sector’s umbrella institutions and non-governmental organizations
- academicians who have concrete studies on the sector
- high level executives of industry
- Representatives of Ministeries

P2P Activities and Turkey

- 33 ERA-NET Cofund Projects
- 9 JPIs
- Article 185 Initiatives (Eurostars 2, EMPIR)

* Full participation in joint programming is regarded as critical for the national RDI system, the rules are being redesigned to create a **more flexible funding framework for participation.**

MLE on Alignment and Interoperability of Research Programmes

- Contribute the integration of TARAL and ERA
- Understanding the national barriers and pointing out the areas to be improved in JPP
- Learn from other countries about best practice in national coordination and governing structure
- How to communicate with the other public authorities for the JPP

National preconditions for participation in JPP/JPI

Areas to Improve

- Political commitment to the Joint Programming Process
- A national research & innovation system that prioritizes societal challenges

Strong Areas

- Dedicated budget for participation in JPP activities
- Flexible funding instruments for participation in joint programming: efficiency

National Governance Structures

Areas to Improve

- Clear and Effective Decision Making Processes
- Coordination between Ministries across policy domains (Ex: French Mirror Group)
- Mobilizing additional financial resources for P2Ps (Ex: Estonian Co-funding System, Thematic Ministries, Development Agencies)

Strong Areas

- Offering platforms for stakeholder involvement

Communication Flows and Visibility

Areas to Improve

- *Communication to impact other sectoral policies*
- Communication to reach out to end-users and other stakeholders

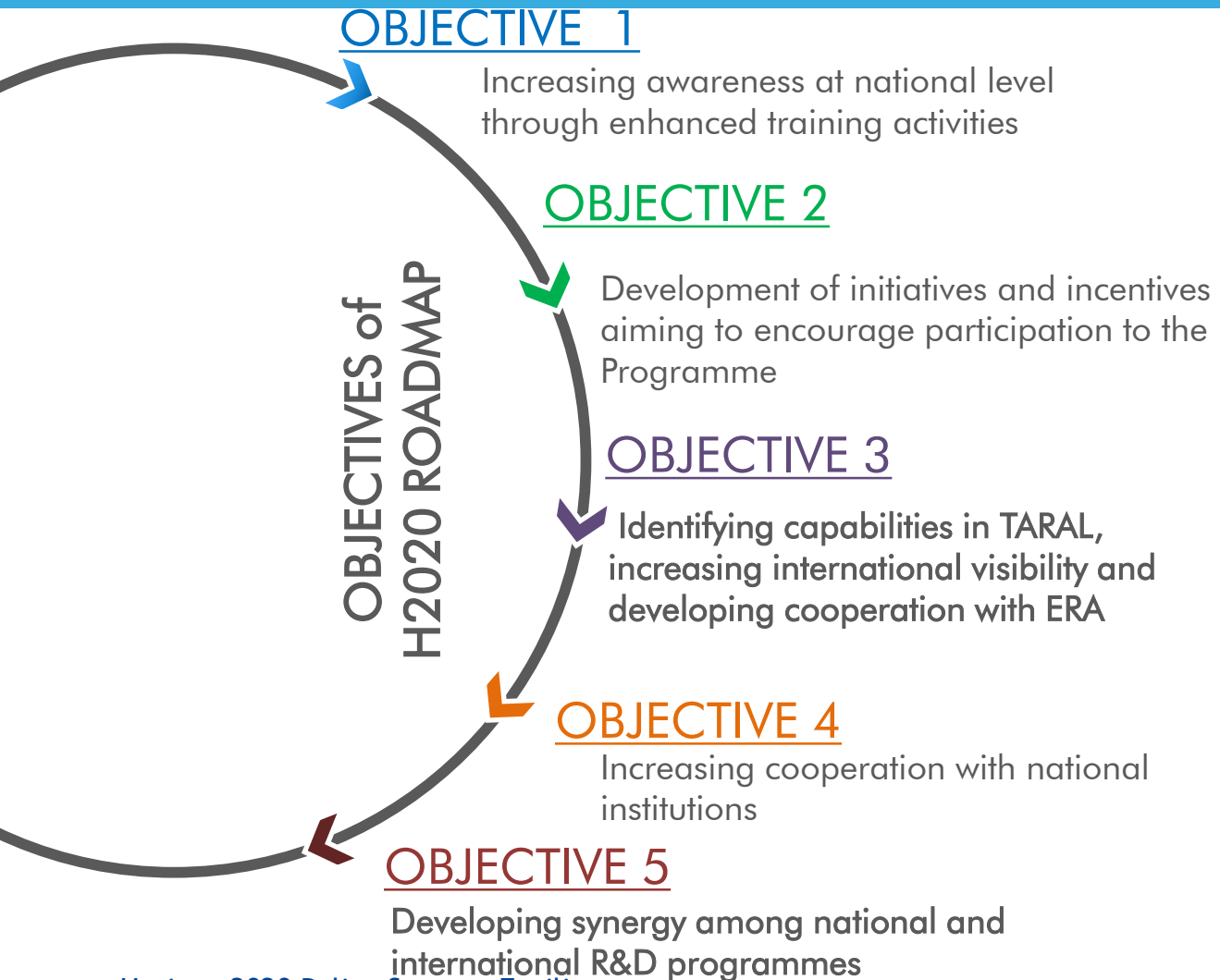
Strong Areas

- *Communication to attract researchers (H2020 Experience)*

Impact

- How to govern and coordinate JPP at national level
- National Science, Technology and Innovation Strategy: 2017-2023
- Transferring of the experience gained in H2020 to JPP instruments
- H2020 Roadmap & FP9 Position

Horizon 2020: 2018-2020 Roadmap



Steadily increasing and widening Turkey's participation in Horizon 2020 and maximizing the benefits to be utilized through participation to the Programme

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Integration with ERA

Future challenges

- Transfer, Adaption and Implementation of the good examples
- Monitoring of the improvement
- Supporting JPP in the other EU platforms (PC, SET Plan etc.)