



# How to Become Active in EU Partnerships

## The Approach of Türkiye

Serhat Melik, TÜBİTAK (Türkiye)

24 April 2025

## ➤ R&D infrastructure support in scientific and technological areas



Establishment: 1963

1. Funding R&D and Innovation

2. STI Human Resources Development

3. Science and Society Activities

4. Performing R&D

5. International ST&I Cooperation



## ➤ Establish research centers and institutes in strategic areas to strengthen the technological infrastructure of the country

➤ Clean Energy, Climate Change and Sustainability Research Center

## ➤ Work in coordination with the Presidential Policy Boards on scientific and technological R&D activities

Strategic R&D projects are being conducted towards meeting critical needs of our country.

Centers, Institutes and R&D Facilitating Units

~6000  
RESEARCH  
PERSONNEL

## TÜBİTAK MAM Marmara Research Center





Climate Change  
& Sustainability  
VP



Energy  
Technologies  
VP



Material  
Technologies VP



Life Sciences VP



YASAM BİLİMLERİ  
LIFE SCIENCES  
ENERJİ TEKNOLOJİLERİ  
ENERGY TECHNOLOGIES  
MALZEME TEKNOLOJİLERİ  
MATERIAL TECHNOLOGIES  
KÜLTÜR DEĞİŞİMLERİ VE  
SÜRDÜRÜLEBİLİRLİK  
CULTURE CHANGE AND  
SUSTAINABILITY

**Recent Developments:**

- Increased focus on climate change and sustainability
- New polar mission



Kutup Araştırmaları Enstitüsü  
Polar Research Institute (KARE)

## TÜBİTAK BİLGEM Information and Information Security Advanced Technologies Research Center





National Electronics  
and Cryptology  
Research Institute



Information  
Technologies Institute



Cyber Security  
Institute



Advanced Technologies  
Research Institute



Software Technologies  
Research Institute



Artificial Intelligence  
Institute

**• New call for consortiums to work together with the Institute for AI based solutions**



Clean Energy,  
Climate Change and  
Sustainability



UZAY



SAGE



RUTE



UME



TÜSSİDE



Temel Bilimler  
Araştırma Enstitüsü



ULAKBİM



TÜBİTAK  
Ulusal Gözlemevi



BUTAL



## Goal

Contributing to the scientific and technological foreign policy of Türkiye and supporting its national interests via appropriate instruments

## Increasing the Competition Power

- Bilateral Cooperation
- Multilateral Cooperation
- EU Framework Programmes





## International Cooperation Directorate

Bilateral and Multilateral  
Relations Department

EU Framework Programmes  
Department  
(National Coordination Office)

Bilateral Cooperation  
with  
76 Countries – 104  
Institutions

Involved in Multilateral  
Cooperation Activities  
with more than 20  
Institutions

## Activities for Internationalization in STI

### Bilateral Cooperation

**76** Countries –  
**104** Institutions  
Joint R&D&I  
Projects,  
Scientific  
Events,  
Researcher  
Exchange

### Multilateral Cooperation

International  
Platforms:  
EUREKA,  
Belmont Forum,  
EIG Concert-  
Japan, COST,  
SEA-EU-JFS  
etc.

### International Organizations

UN, OECD,  
GRC, ANSO,  
D8, EMBO,  
WAITRO etc.

### Science Years

Turkish-German  
Year of Science

Türkiye-UK Year  
of Science and  
Innovation  
(Newton-Katip  
Çelebi Fund)

**Türkiye-  
Hungary 2025  
Year of Science  
and Innovation**

### Science Diaspora

Conference with  
Worldwide  
Known Turkish  
Scientists

# TUBITAK Roles in Framework Programmes

## EU Framework Programmes



*EU's core funding  
programme for research and  
innovation*



### ■ 2002

Türkiye's participation in the program

TÜBİTAK has been the National Coordination Office since 2002.

### Türkiye's Performance

Project Applications: 8,408

Funded Budget: 295.3 M€

Funded Projects: 959

Success Ratio: 9.8 %

- **1377** Turkish Partners
- Number of **Coordinator**:
  - before 2019: **7**
  - total: **27**

### ■ 2014-2020

HORIZON 2020

### ■ 2021-2027

HORIZON EU

It is the biggest and most ambitious programme of its kind ever with a budget of over **€95.5 billion**.

**Türkiye is officially associated to Horizon Europe** since Oct. 27,2021

Our key strategies for Horizon Europe are...

Increasing and widening participation of Türkiye to  
Horizon Europe and maximizing the benefits to be utilized  
from the Programme



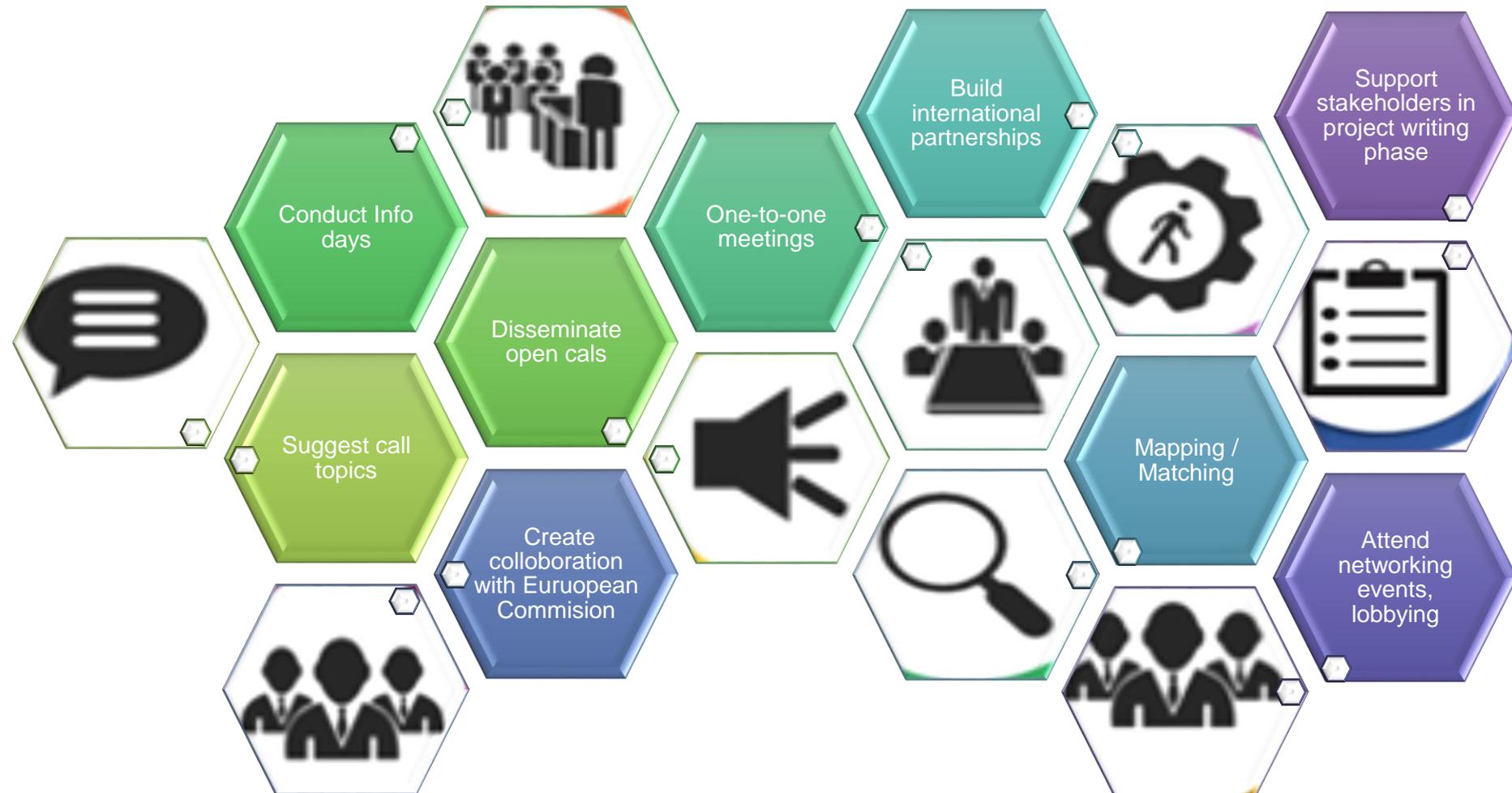
Raising awareness at national and international  
level (training activities)



Developing collaborations between TARAL and ERA  
actors



Developing mechanisms to encourage participation in the  
Programme





- Digital and Smart Health
- Twin Green and Digital Transition of Industry
- Digital, Chips and 6G
- Smart Mobility

<https://www.b2match.com/e/icturkiye-2025-international-brokerage/components/50103/THkcmCFkRtFk>

<b>ERC and WIDERA</b> 	<b>Cluster 1</b> 	<b>Cluster 5</b> 	<b>Cluster 6</b> 
<b>MSCA</b> 	<b>Cluster 2 &amp; 3</b> 	 	 
<b>Head of Department</b> 	<b>Cluster 4</b>   	 	<b>EIC EIE &amp; EIT</b>  
<b>Research Infrastructure</b>    	<b>JRC</b>  	 	

## Decision Support Systems



## TÜBİTAK Support and Awards



## Legal and Financial





# **TÜBİTAK's Support Programs for Horizon Europe**

Main goal of the programs is to increase the success of Türkiye.



## Networking

- Trust relations among Turkish and European research and innovation actors

## Participation

- Enable more new comers to access to consortia

## Quality

- Increase the scientific, implementation, impact quality of proposals

## Leadership

- More leading roles in research and innovation consortia

## Encouragement

- Fairly award effort and success

# TUBITAK Support and Award Programmes for EU FP

With TUBITAK Support Programs, we encourage our ecosystem actors and encourage their success.



★  
Coordinators  
Support  
Programme

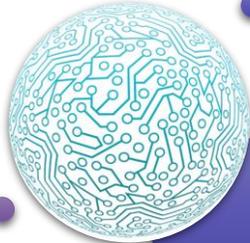
- Travel Support for Consortium Building Activities, Organization Support for Consortium Building Meeting, Training for Project Writing and Submission Process, Project Writing Support, Project Pre-evaluation Support

- ✓ Applications should be completed 60 days before the deadline of the EU FP call
- ✓ For Institutionalized European Partnerships (IEP) calls and 2<sup>nd</sup> phase of calls: 30 days before the deadline of the relevant call.



★  
Travel Support

- Applicable for project researcher candidates who wish to take part in brokerage events, information days, consortium meetings and other events approved by TUBITAK



Travel Support for  
Researcher Living  
Abroad

- To visit organizations located in Turkey by the project managers of the coordinator institutions and ERC principal investigator/panelists living abroad

- **For inclusion in project proposals and encouragement of membership in networks** that are effective in determining the priorities of European Union Framework Programmes.

As of December 2022, Support application is always open.

★  
Support for the  
Membership to the  
Networks



ERC Principal Investigator  
Programme



Marie Curie Pre-  
evaluation Support

- ✓ Announced every year 3 to 4 weeks before MSCA PF and MSCA COFUND calls are closed



REPUBLIC OF TÜRKİYE  
MINISTRY OF INDUSTRY  
AND TECHNOLOGY



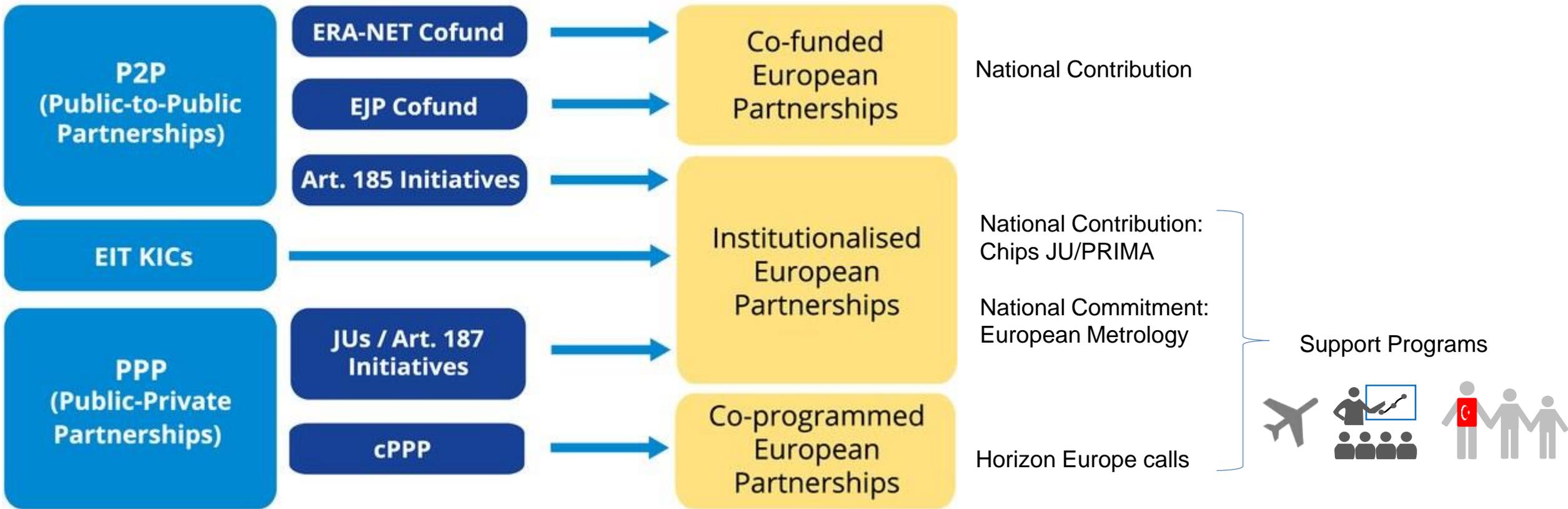
TÜBİTAK

60  
yaşında

# European Partnerships

## Horizon 2020

## Horizon Europe



# The European Partnership Portfolio

## PILLAR II - Global challenges & European industrial competitiveness

## PILLAR III - Innovative Europe

CLUSTER 1: Health	CLUSTER 2: Culture, Creativity, Inclusive Societies	CLUSTER 4: Digital, Industry & Space	CLUSTER 5: Climate, Energy & Mobility	CLUSTER 6: Food, Bio-economy, Agriculture, Env...	EUROPEAN INNOVATION ECOSYSTEMS
Innovative Health Initiative	Resilient Cultural Heritage*	Chips (formerly KDT)	Clean Hydrogen	Circular Bio-based Europe	Innovative SMEs
Global Health Partnership	Social Transformations and Resilience*	Smart Networks & Services	Clean Aviation	R&I in the Mediterranean Area (Art. 185)	
Transformation of health systems		High Performance Computing	Single European Sky ATM Research 3	Biodiversa+	EIT
Chemicals risk assessment		European Metrology (Art. 185)	Europe's Rail	Climate Neutral, Sustainable & Productive Blue Economy	InnoEnergy
ERA for Health		AI-Data-Robotics	Connected and Automated Mobility	Water4All	Climate
Rare diseases		Photonics	Batt4EU	Animal Health & Welfare	Digital
One-Health Anti Microbial Resistance		Made in Europe	Zero-emission waterborne transport	Accelerating Farming Systems Transitions	Food
Personalised Medicine		Clean steel – low-carbon steelmaking	Zero-emission road transport	Agriculture of Data	Health
Pandemic Preparedness		Processes4Planet	Built4People	Safe and Sustainable Food System	Raw Materials
Brain Health*		Global competitive space systems	Solar Photovoltaics*	Forests and Forestry for sustainable Future*	Manufacturing
		Innovative Materials for EU*	Clean Energy Transition		Urban Mobility
		Virtual Worlds*	Driving Urban Transitions		Cultural and Creative Industries
		Textiles of the Future*			Water, Marine and Maritime Sectors and Ecosystem*
		Raw Materials for the Green and Digital Transition*			

<span style="display:inline-block; width:15px; height:15px; background-color:orange; border:1px solid black;"></span> Institutionalised partnerships (Art 185/7)
<span style="display:inline-block; width:15px; height:15px; background-color:lightgreen; border:1px solid black;"></span> EIT KICs
<span style="display:inline-block; width:15px; height:15px; background-color:blue; border:1px solid black;"></span> Co-programmed
<span style="display:inline-block; width:15px; height:15px; background-color:lightblue; border:1px solid black;"></span> Co-funded

\* Under preparation



**CROSS-PILLARS I AND II**

European Open Science Cloud

# Internationalization in Research



EU Framework Programmes

**Cofunded  
Partnerships**

TÜBİTAK 1071  
Programme

TÜBİTAK Supports

TÜBİTAK 1709  
- EUREKA -  
EUROSTARS

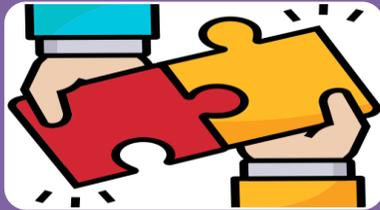




**Harmonization of Research Policies and Programmes (ERA-TARAL Integration)**



**Sharing of Legal/Regulatory Perspectives in the Implementation of R&D and Innovation Programmes**

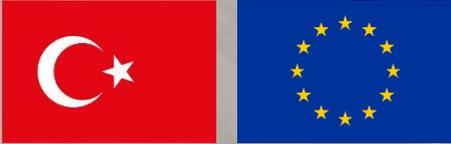


**International R&D and Innovation Collaborations: Sharing Knowledge and Experience**



**Establishment of Networks that Support International Collaborations (e.g., Horizon Europe)**

## EU Framework Programmes



*EU's core funding programme for research and innovation*



Türkiye's participation in the program

TÜBİTAK has been the National Coordination Office since 2002.



8 ERA-NET



47 ERA-NET  
6 ERA-NET+  
1 Art. 169 Initiative



56 ERA-NET Cofund  
2 EJP Cofund  
3 Art. 185 Initiatives



**TAGEM**

### Joint Programming Initiatives

1. Neurodegenerative Diseases Research (JPND)
2. Food Security, Agriculture, and Climate Change (FACCE)
3. A Healthy Diet for a Healthy Life (HDHL)
4. Antimicrobial Resistance (JPIAMR)
5. JPI Climate
6. JPI Oceans
7. Water JPI
8. JPI Urban Europe

# R&D and Innovation Priority Themes of Türkiye

## Twelfth Development Plan (2024-2028): Focus on Green and Digital Transformation

Vision: "Stable, strong, prosperous, **environmentally friendly** and **disaster resistant** Türkiye which produces high value-added based on advanced technology and sustains fair income distribution in the Century of Türkiye"

Main Pillars



Stable Growth,  
Strong Economy



Competitive Production with  
Green and Digital Transformation



Skilled Human Resources,  
Strong Families, Healthy Society



Disaster Resistant Living Spaces,  
Sustainable Environment



Democratic Good Governance  
Based on Justice

"Science, Technology,  
and Innovation"

Policy/Measure Example:

"Support models covering the entire process from basic research to the final product will be developed for platforms established in collaboration with universities, private sector and the public sector"



# Horizon Europe (Co-funded) Partnerships - Türkiye

## Participated Co-funded Partnerships

-  1.Clean Energy Transition Partnership (CETP) – TÜBİTAK
-  2.Driving Urban Transition Partnership (DUT) – TÜBİTAK
-  3.The European Biodiversity Partnership (Biodiversa+) – TÜBİTAK, **TAGEM**
-  4.Sustainable Blue Economy Partnership (SBEP) – TÜBİTAK
-  5.Fostering a European Research Area for Health Research (ERA4Health) – TÜBİTAK
-  6.Water Security for the Planet (Water4All) – TÜBİTAK
-  7.European Partnership on Innovative SMEs (Eurostars-3) – TÜBİTAK (**TÜBİTAK 1709 – EUREKA – EUROSTARS**)

## Participated Co-funded Partnerships

-  8.European Partnership for Personalised Medicine (EP PerMed) – TÜBİTAK
-  9.Accelerating Farming Systems Transitions (AGROECOLOGY) – TÜBİTAK, **TAGEM**
-  10.European Partnership Animal health and Welfare (EUPAHW) – TÜBİTAK, **TAGEM**
-  11.European Partnership for Safe and Sustainable Food Systems (FutureFoodS) – TÜBİTAK, **TAGEM**
-  12.European Partnership on Rare Diseases (ERDERA) – TÜBİTAK, **ACIBADEM ÜNV., İBG**

## Partnerships GA Preparation Phase

European Partnership for One Health/AMR Antimicrobial Resistance (AMR)

Agriculture of Data (AGDATA)

## 2025-2027 Co-funded Partnerships

Brain Health

Forests and Forestry for a Sustainable Future

Raw Materials for the Green and Digital Transition

Pandemic Preparedness

Resilient Cultural Heritage

\*Social Transformations and Resilience  
(\*2026)

TÜBİTAK 1071  
Programme

## Institutionalized Partnerships



*The TÜBİTAK 1071 Programme is a commonly utilized instrument for partnership calls that necessitate national contributions. Its popularity in partnership calls, like Co-funded partnerships and KDT/Chips JU, PRIMA stems from its ability to effectively coordinate **collaboration among academia, industry, and public organizations at the national level***

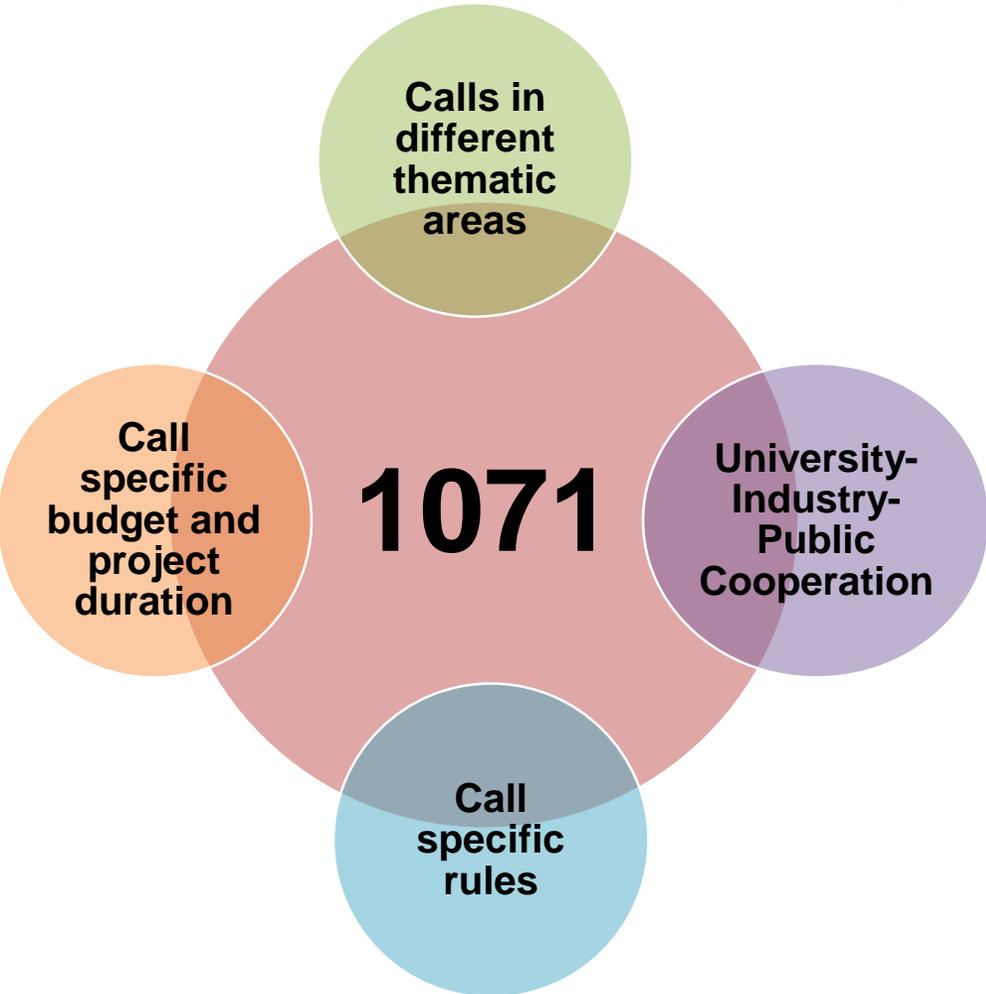
## Cluster 5 : CSA/ Programme Co-fund Action

Long-Term Joint EU-AU Research and Innovation Partnership on Sustainable Energy (LEAP-SE COFUND)

Maritime Low Emission Network (MarLEN)



## Support Program for Increasing the Capacity to Benefit from International Research Funds and Participation in International R&D Cooperation



Higher Education Institutions

Training and Research Hospitals

Public institutions and organizations

Companies

National applications includes two steps

## Who can apply?

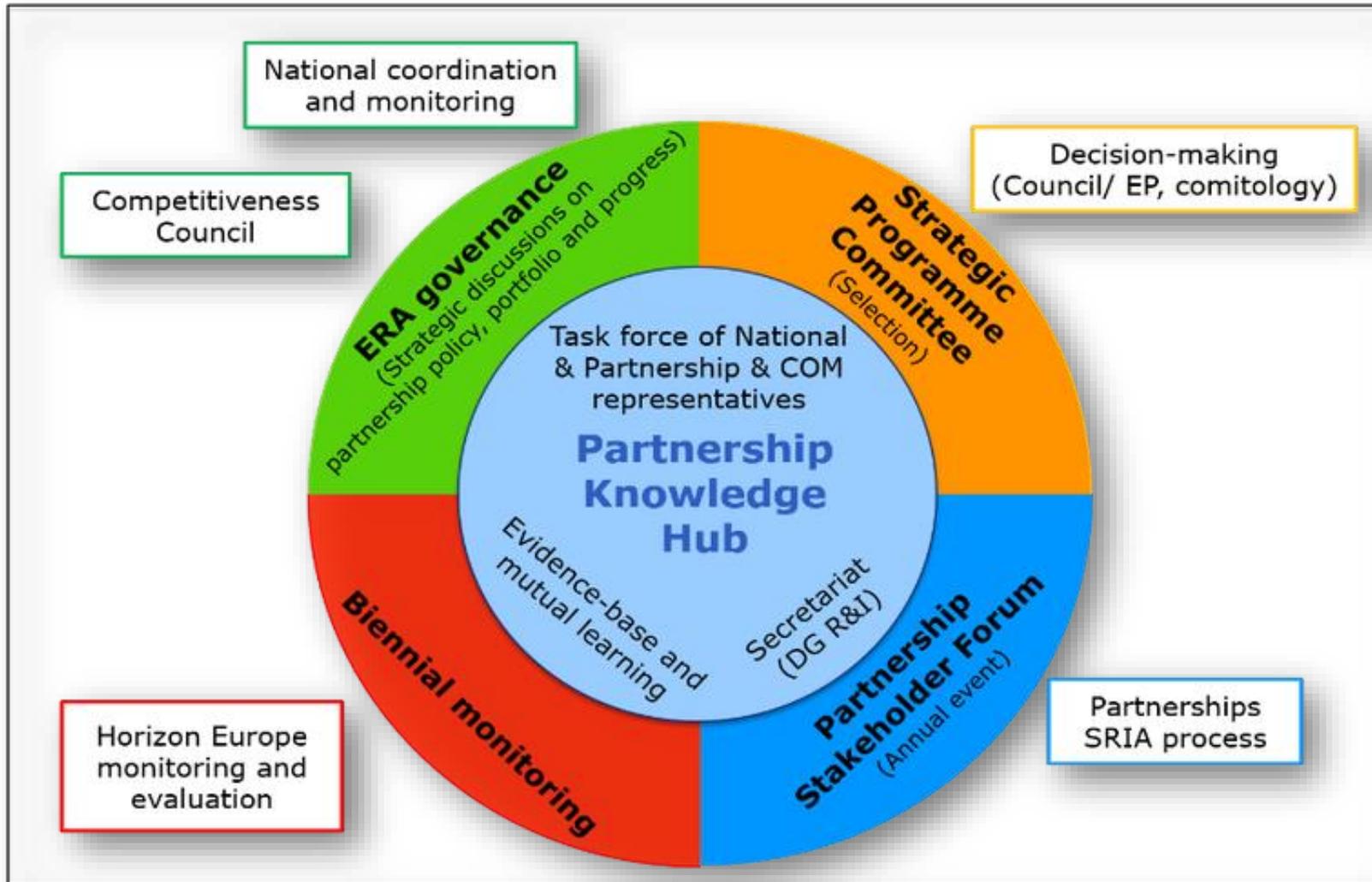
- Companies
- Higher education institutions
- Public research centers and institutes
- Training and research hospitals
- Research infrastructures within the scope of law no. 6550

*A new national support programme, "TÜBİTAK 1709 – EUREKA – EUROSTARS", has been developed for enabling national industry-academy cooperation in EUROSTARS III*



**In the projects submitted within the scope of this call, the capital company must be the main partner.**

# Try to Be Active in Strategic Coordinating Process



*Strategic Coordinating Process (Graphic: European Commission)*

## KEY HIGHLIGHTS

### Country fiche – Türkiye

#### Key highlights

European Partnerships are structured and strategic initiatives, which facilitate cooperation on strategic research policies and common goals against global challenges and the priority areas are align with Turkish national research and innovation policy. 12<sup>th</sup> Development Plan of Türkiye (2024-2028) shows the main strategy of the Türkiye for the next five years and the document focuses on green and digital transformation that are among the prominent areas of the European Partnerships.

Allocation of national funds to support national stakeholders in European Partnerships is of critical importance for further integration of Turkish Research Area (TARAL) with European Research Area (ERA). Participation in European Partnerships is an efficient way for facilitating closer cooperation of Turkish stakeholders with EU.

A new national support programme, “TÜBİTAK 1709 – EUREKA – EUROSTARS”, has been developed for enabling national industry-academy cooperation in EUROSTRAR II and the results of the first calls are very promising.

Participating in 15 Horizon Europe Partnerships out of the 22* (68)	Coordinating 0 Horizon Europe Partnerships out of the 16** (0%)
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Source: EC and countries' commitment letters – BMR2022 referred to H2020 partnership participation data.

\* Out of the 49 partnerships, 22 are relevant for countries' participation – this is the 'total' number of participations referred to here.

\*\* Out of the 22 partnerships that are relevant for country participation, countries can coordinate 16 Co-funded ones.

€ 103.6 million* in commitments in Horizon Europe partnerships Or 1.02% of total commitments*	€ 748 per researcher FTE***
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Source: EC and countries' commitment letters

\* The figure is estimated based on the commitment letters sent by the country to the EC. For the 1<sup>st</sup> batch of the Co-funded Partnerships, the respective figures from the Grant Agreements were considered in the absence of commitment letters for certain countries, i.e. FSTP as the in-cash contributions and the rest as in-kind contributions minus 30% of the EU top-up and 50% for PARC.

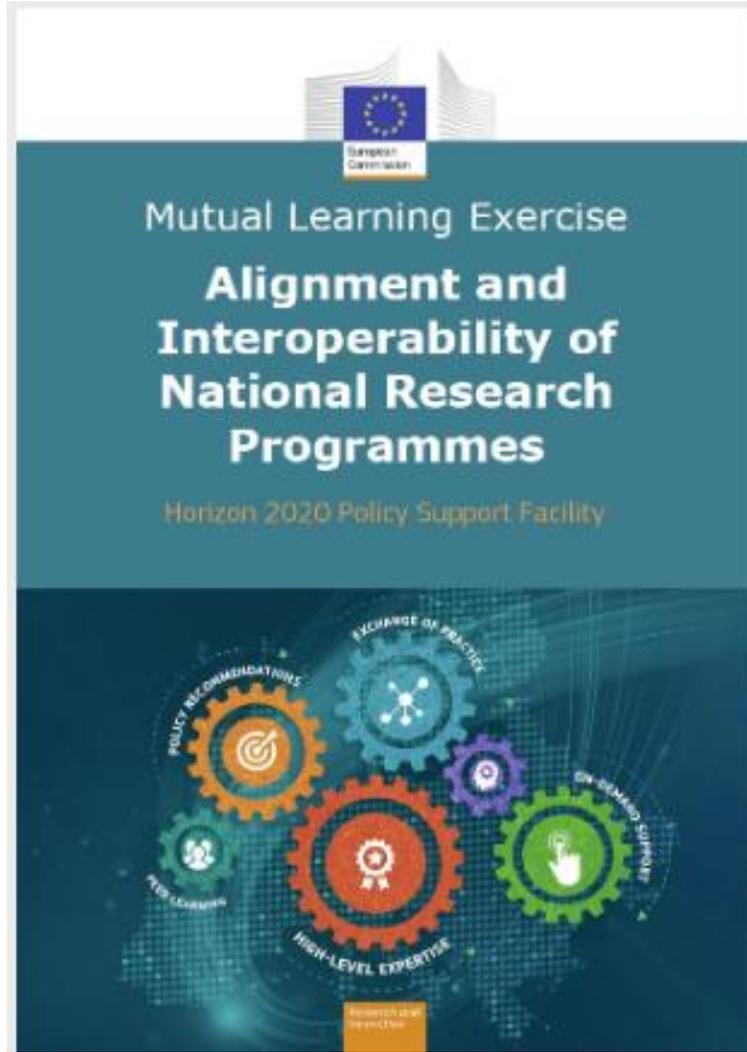
\* Commitment letters for the second batch of the Co-funded partnerships from the countries HR, LU, and RO are missing and thus not included in the Total commitments.

\*\* The country fiches in the previous BMR showed the actual contributions instead of commitments. For the estimation of the share of change since the last BMR, the pre-call contributions were considered instead of the actual national contributions to allow comparison.

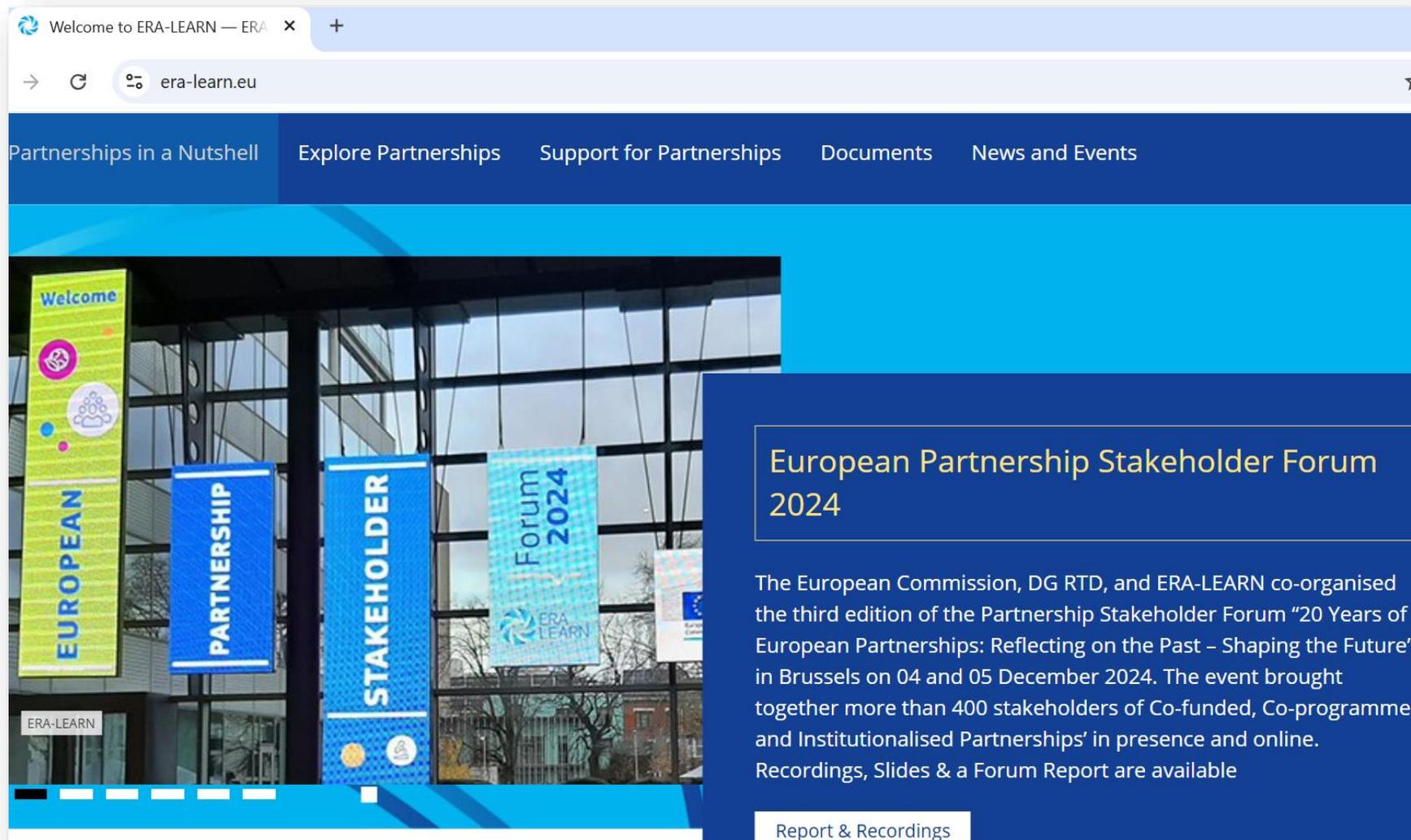
\*\*\* Commitments per researcher are the total commitments by a country divided by the number of researchers estimated in full-time equivalents (FTE) average between 2017-2021 based on EUROSTAT data.

**The TÜBİTAK 1071 Programme is a commonly utilized instrument for partnership calls that necessitate national contributions. Its popularity in partnership calls, like Co-funded partnerships and KDT, stems from its ability to effectively coordinate collaboration among academia, industry, and public organizations at the national level**

**A new national support programme, “TÜBİTAK 1709 – EUREKA – EUROSTARS”, has been developed for enabling national industry-academy cooperation in EUROSTARS II and the results of the first calls are very promising.**



Mutual Learning Exercise  
Impact of European  
Partnerships on national  
R&I Systems



Welcome to ERA-LEARN — ERA x +

era-learn.eu

Partnerships in a Nutshell Explore Partnerships Support for Partnerships Documents News and Events

## Welcome

### EUROPEAN PARTNERSHIP STAKEHOLDER Forum 2024

#### European Partnership Stakeholder Forum 2024

The European Commission, DG RTD, and ERA-LEARN co-organised the third edition of the Partnership Stakeholder Forum “20 Years of European Partnerships: Reflecting on the Past – Shaping the Future” in Brussels on 04 and 05 December 2024. The event brought together more than 400 stakeholders of Co-funded, Co-programmed and Institutionalised Partnerships’ in presence and online. Recordings, Slides & a Forum Report are available

Report & Recordings

<https://www.era-learn.eu/>

# Horizon Europe Website

<https://ufukavrupa.org.tr/en>

The screenshot shows the homepage of the Horizon Europe website. At the top, there are the flags of Turkey and the European Union. Below the flags, it states: "This project is co-financed by the European Union and the Republic of Turkey." The website features a navigation bar with social media icons (Twitter, Instagram, LinkedIn, YouTube, Facebook), "e-Bulletin" and "Who's Who?" links, and a language selector set to "English". The main navigation menu includes "Programme Parts", "Missions", "Partnerships", "All Calls", "TUBITAK Supports", and "IPA Project". The main content area has a background image of Earth from space with the "UFUK AVRUPA" logo and the TUBITAK logo. A prominent call to action asks "What is Horizon Europe?" with a button for "For more information...".



Thank you For Your Attention

[ufukavrupa@tubitak.gov.tr](mailto:ufukavrupa@tubitak.gov.tr)