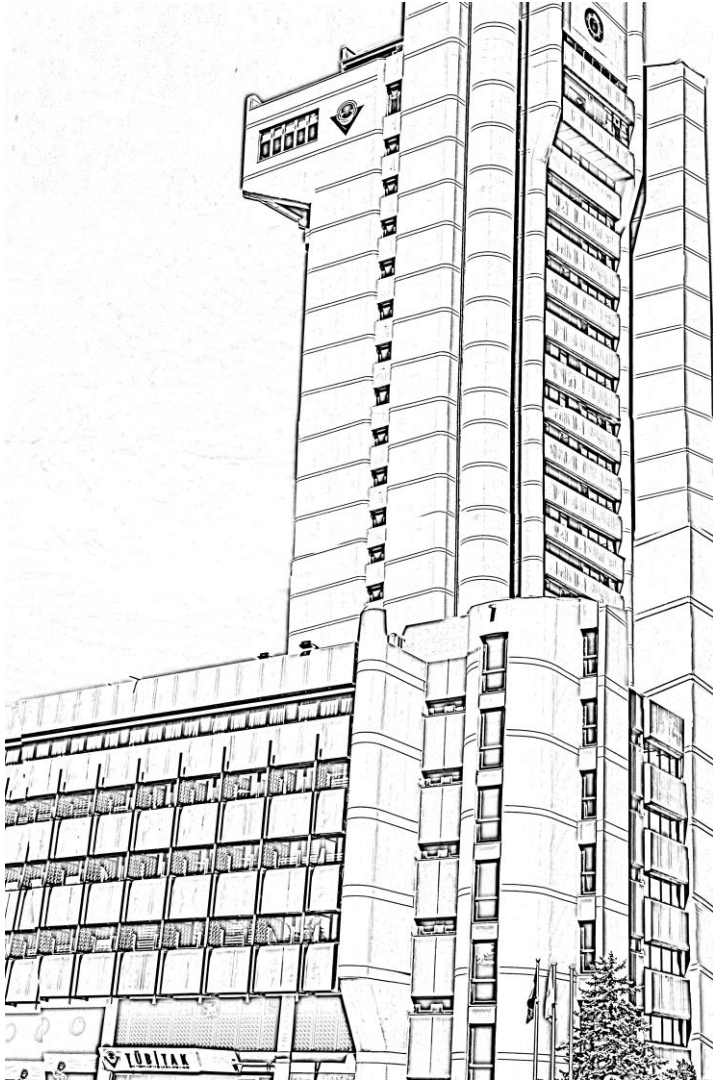


The Scientific and Technological Research Council of Turkey

International Cooperation in TÜBİTAK

A. METE KARACA
February 2020



- ✓ TÜBİTAK's Structure & Research Programmes
- ✓ International Cooperation
- ✓ Multilateral Cooperation
- ✓ H2020 & ECSEL in Turkey

**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

SCIENCE

TECHNOLOGY

INNOVATION

Both national and international cooperation is targeted with all STI ecosystem actors.

22
Institutes

~ 4500
researchers

Centers, Institutes and R&D Facilitator Units

TÜBİTAK MAM Marmara Research Center



 Environment and Cleaner Production Institute	 Energy Institute	 Genetic Eng. and Biotech. Institute	 Food Institute
 Chemical Technology Institute	 Materials Institute	 Earth and Marine Sciences Institute	

TÜBİTAK BİLGEM Informatics and Information Security Research Center

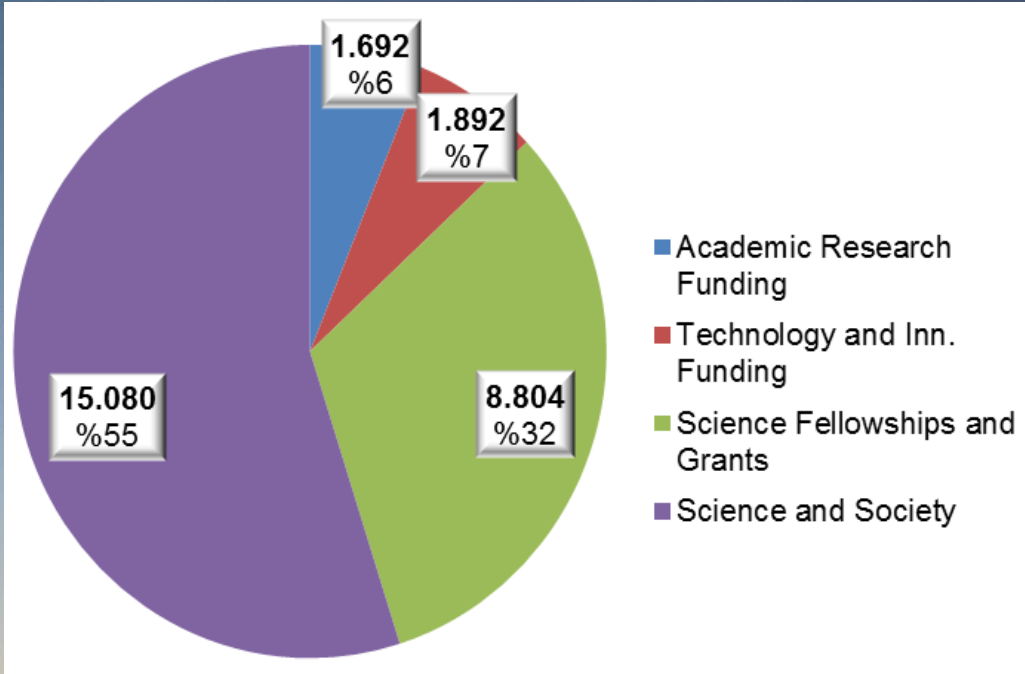


 National Research Institute of Electronics and Cryptology	 Information Technologies Institute	 Cyber Security Institute
 Advanced Technologies Research Institute		 Software Technologies Research Institute

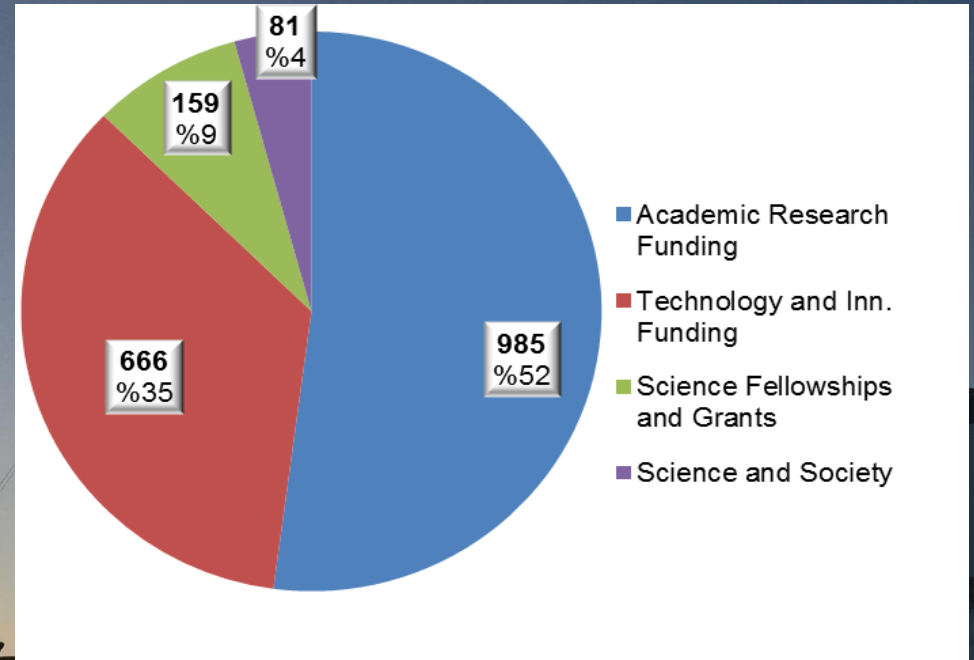
 SPACE Ins.	 SAGE	 UME	 TÜSSİDE	 Natural Sciences Research Institute	 ULAKBİM	 TÜBİTAK National Observatory	 BUTAL
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Distribution of Supported Projects in 2019



Distribution of Transferred Amounts to Departments (2019 Constant Prices, Million TL)



TÜBİTAK STI Funding



**Educational Fellowship
Programmes**



**Research Fellowship
Programmes**

**Olympiads, Competitions and
Activities**





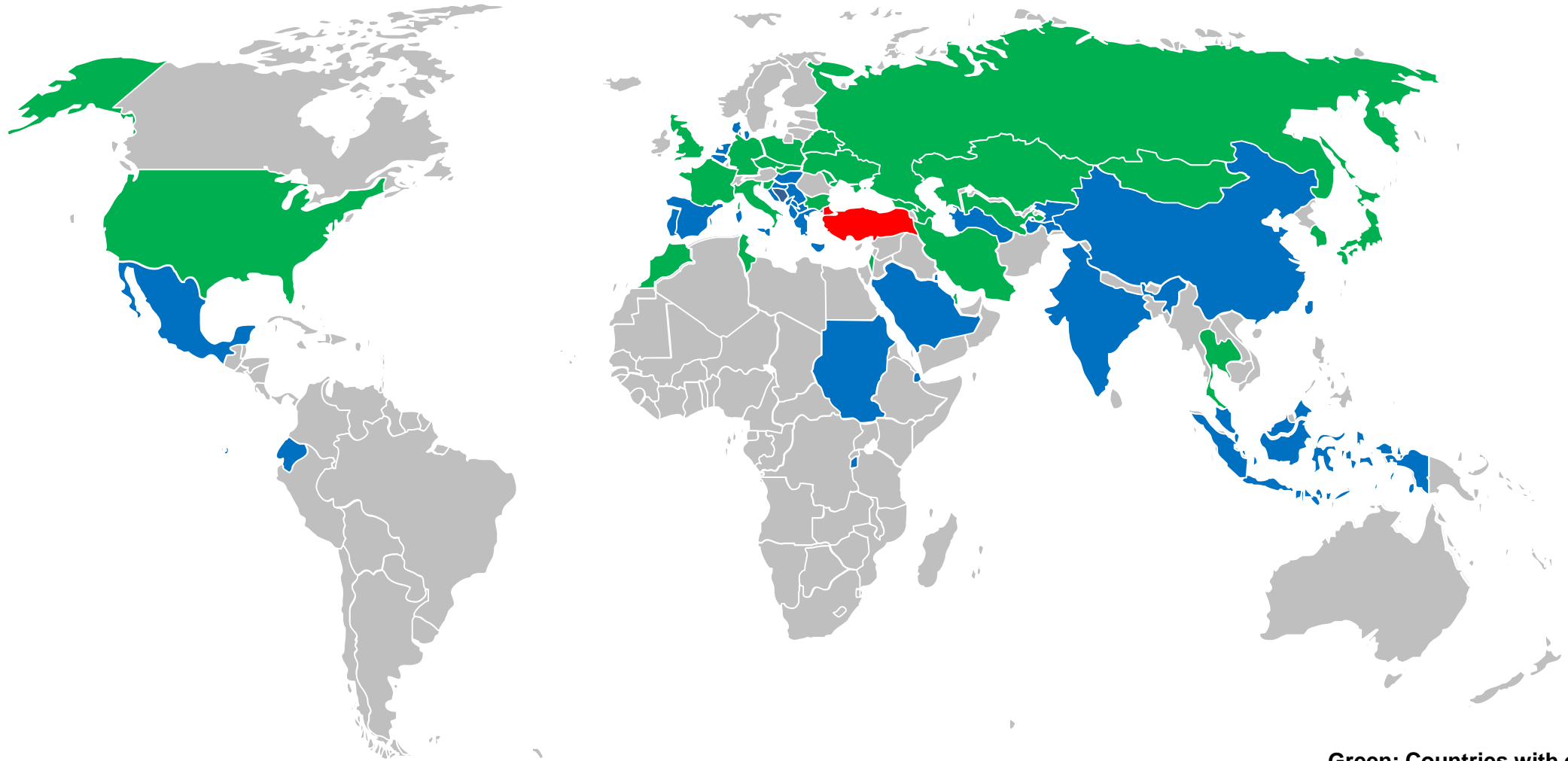


TÜBİTAK Science and Society Supports and Activities

Konya Bilim Merkezi



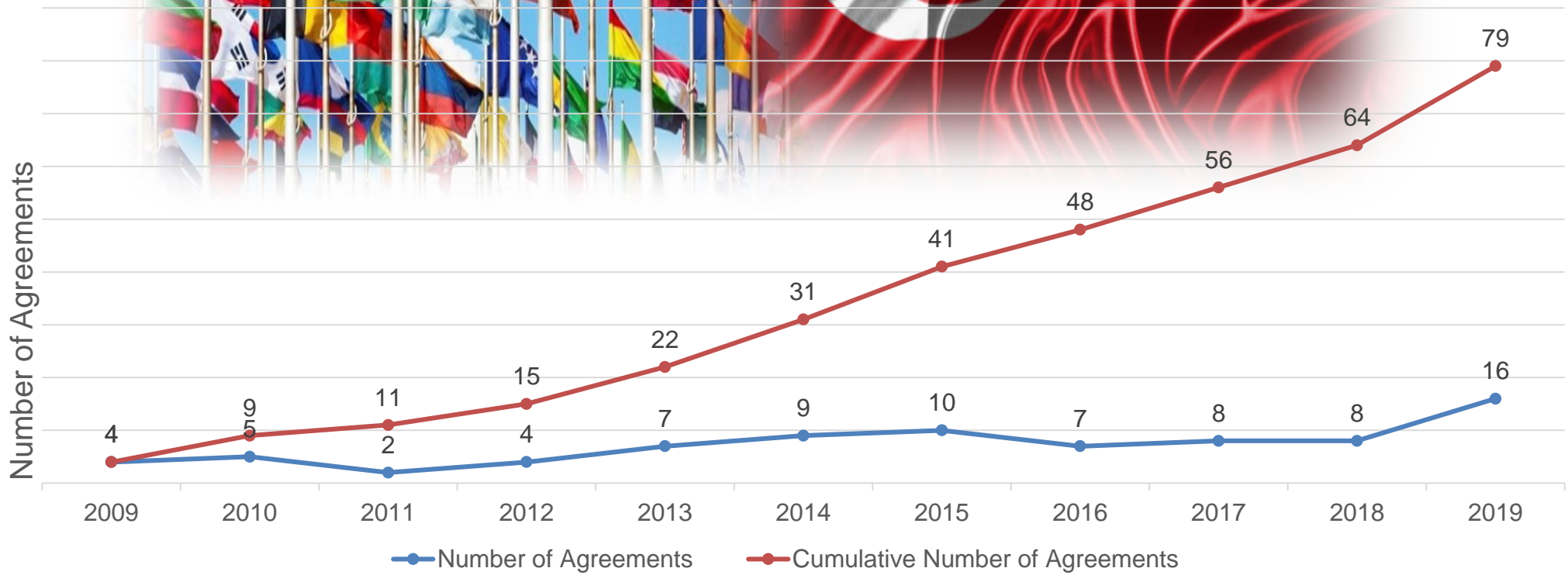
International Bilateral Cooperation

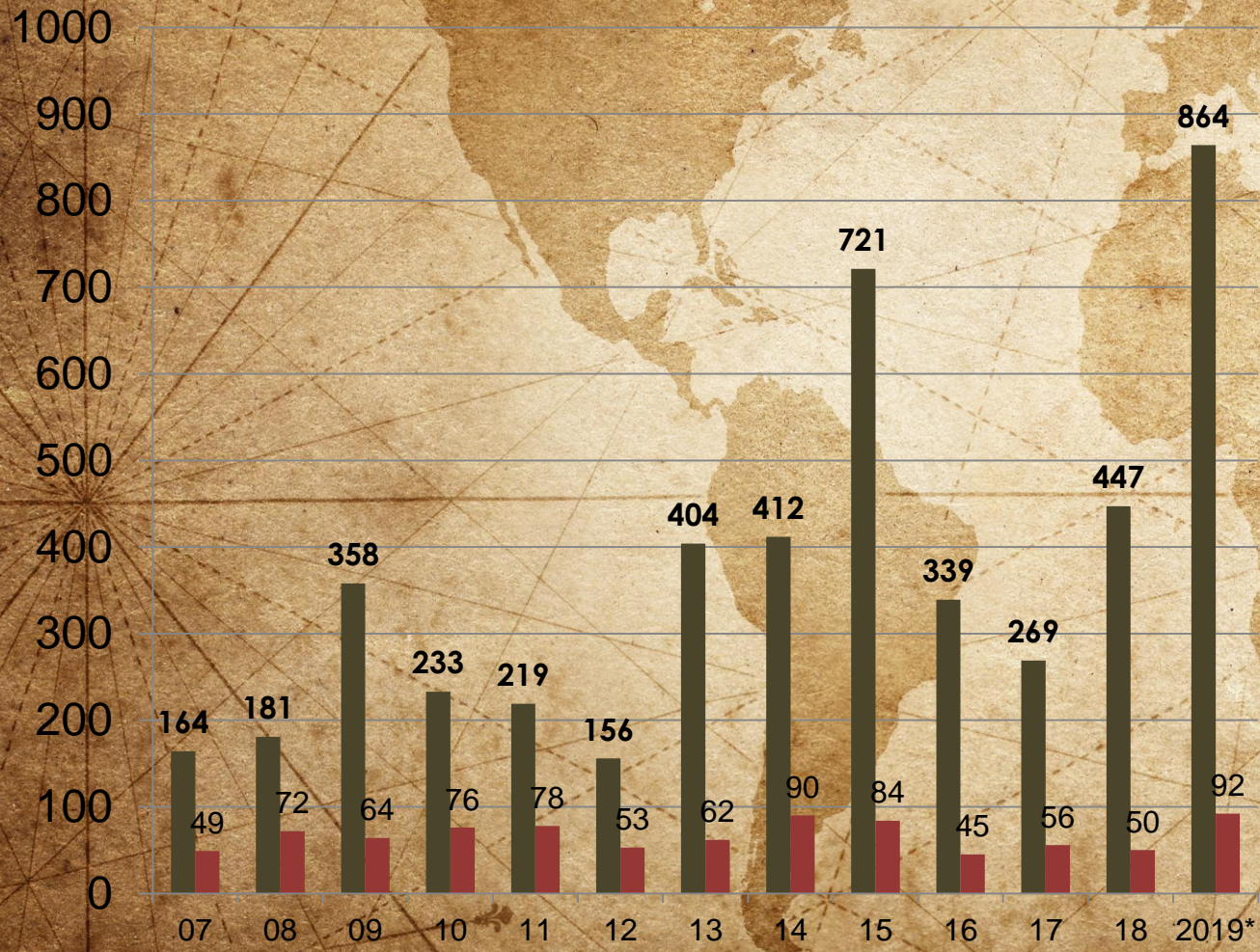


79 agreements with 57 countries

Green: Countries with open calls
Blue: Countries with bilateral cooperation
Grey: Countries with no cooperation

Number of Bilateral Cooperation Agreements





■ Number of Submitted Projects
■ Number of Supported Projects

* For 2019 applications, only 20% of the calls have been announced and the evaluation process of other project applications is ongoing.



UNITED NATIONS



EUREKA



D-8 Organization for Economic Cooperation



Science Years

Bilateral Cooperation

Activities for
Internationalisation
in STI

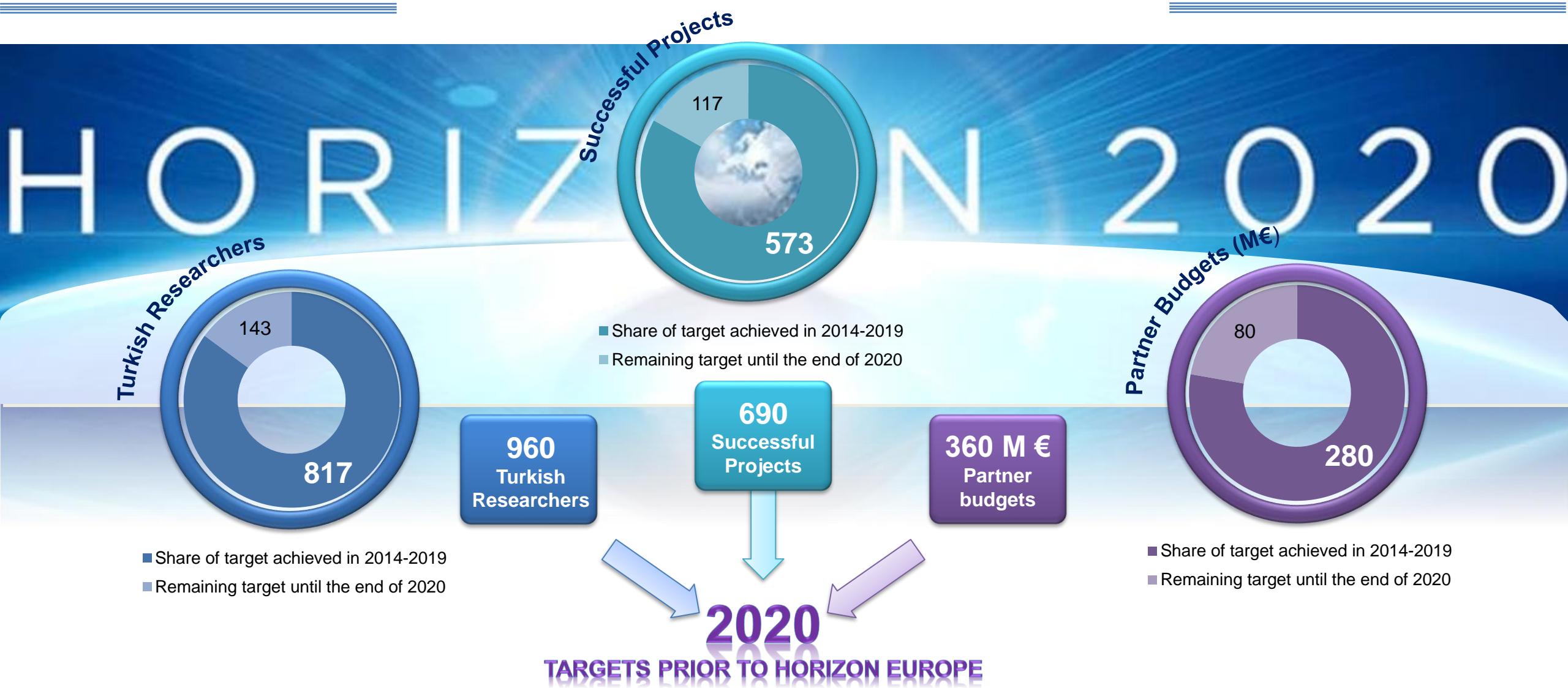


A New Support Tool for Science
Diplomacy

Multilateral Cooperation

Science Diaspora

The Turkish ecosystem continues to be on track towards Horizon 2020 targets for the end of the year 2020



Public-Public Partnerships (Joint Programming Process)

ERA-NET Cofund

43 ERA-NET Cofund

Article 185 Initiatives

PRIMA, EUROSTARS 2, EMPIR

Joint Programming Initiatives

JPND, FACCE, HDHL, JPIAMR, JPIClimate,
JPIOceans, Water JPI, Urban Europe,
Demographic Change

Public-Private Partnerships (PPPs)

Joint Undertakings

Turkey is a Member State of

- ECSEL
- EUROHPC

and takes active part in Calls with national commitment.

Contractual PPPs

Factories of the Future (FoF), Energy Efficient Buildings (EeB), European Green Vehicles Initiative (EGVIA), Sustainable Process Industry (SPIRE), Photonics, Robotics, (5G)

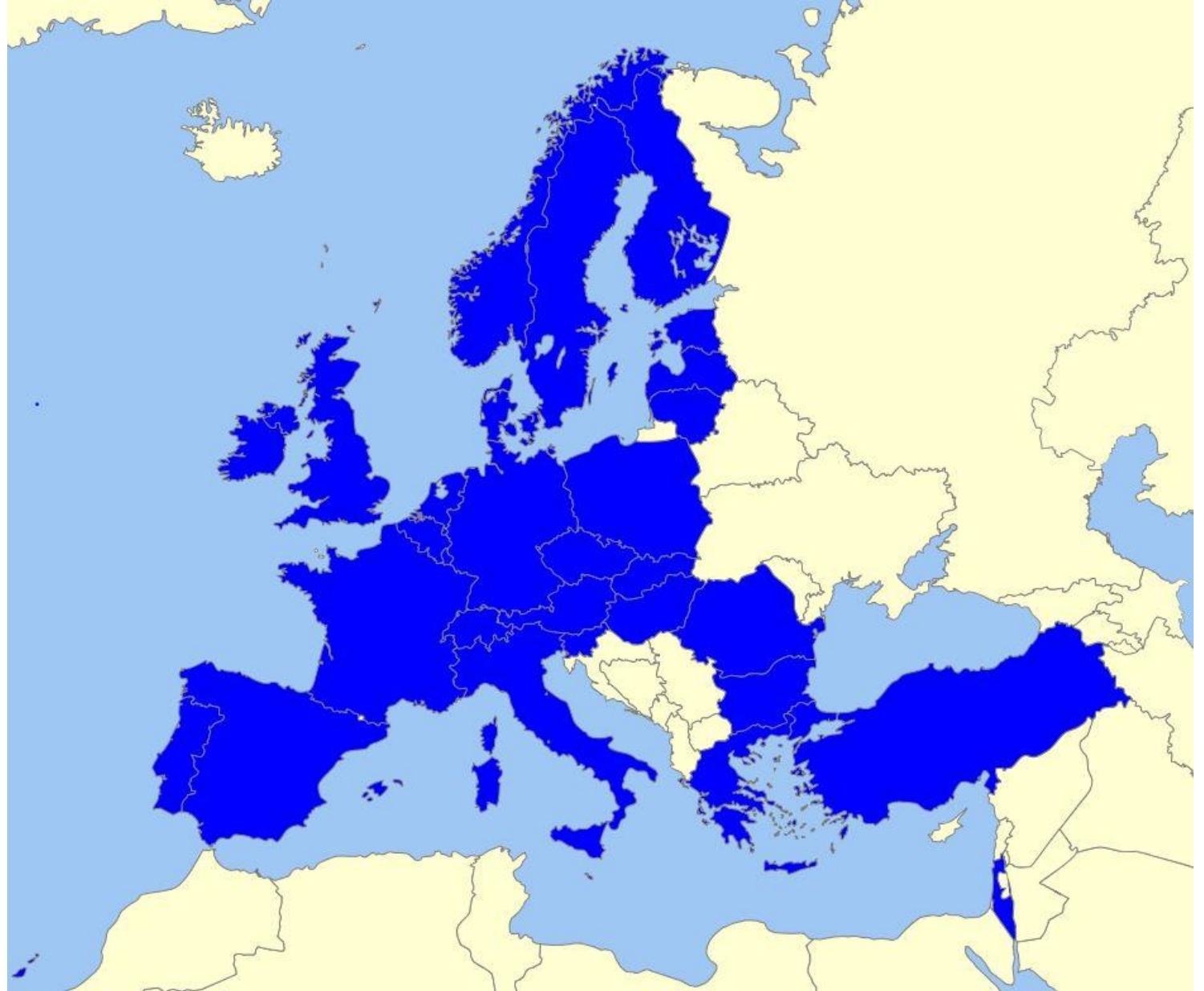
* TÜBİTAK 1071 Programme, offers a flexible instrument that can be tailored to the needs and conditions of a transnational call.

ECSEL Participating States:

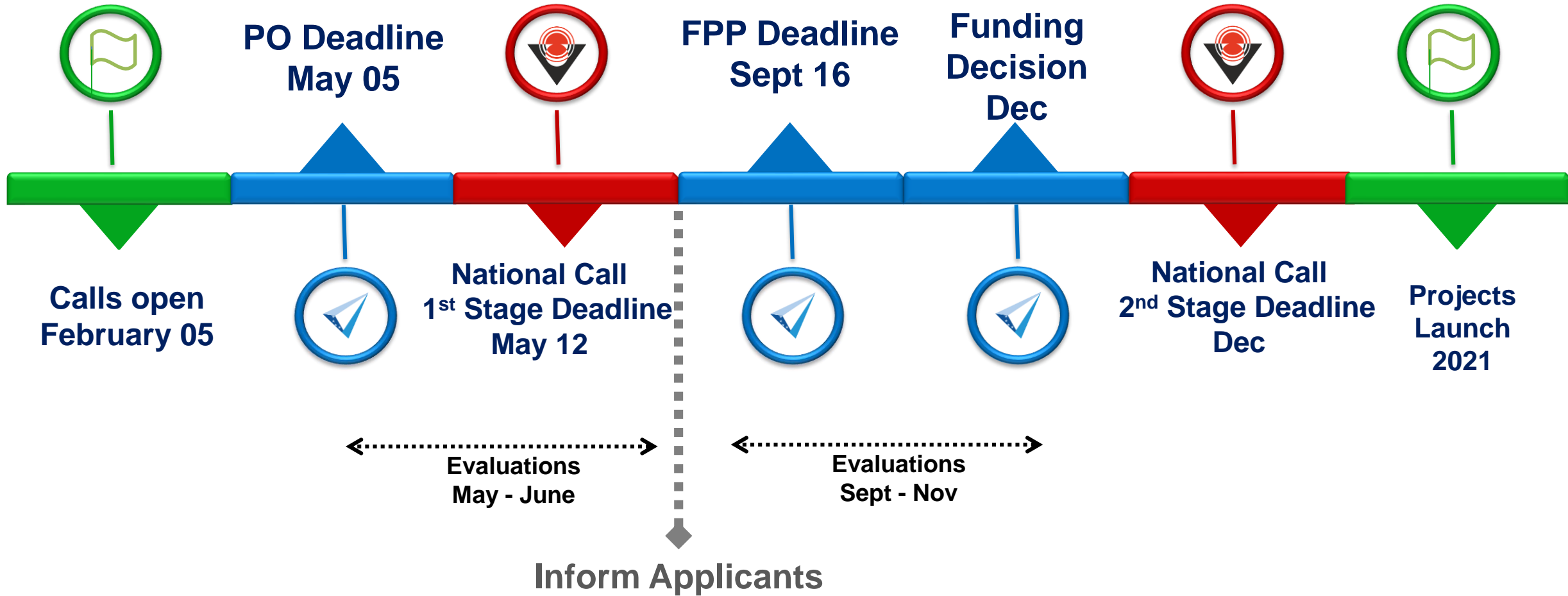
Austria, Belgium, Czech Republic, Germany, Denmark, Spain, Finland, France, Hungary, Ireland, Israel, Italy, Latvia, Luxembourg, Netherlands, Norway, Poland, Sweden, Slovakia, **Turkey**

Turkey

ECSEL Participating State since **2017**



ECSEL 2020 Call Calendar



Exemplary Projects



WAKeMeUP

A pilot line for advanced microcontrollers

- TUBITAK BILGEM



PRYSTINE

Programmable Systems for Intelligence in Automobiles

- Ford Otosan, AVL Turkey, Habitus Research



Holistic virtualized platforms for vehicular subsystems that are critical to automated driving

- Ford Otosan



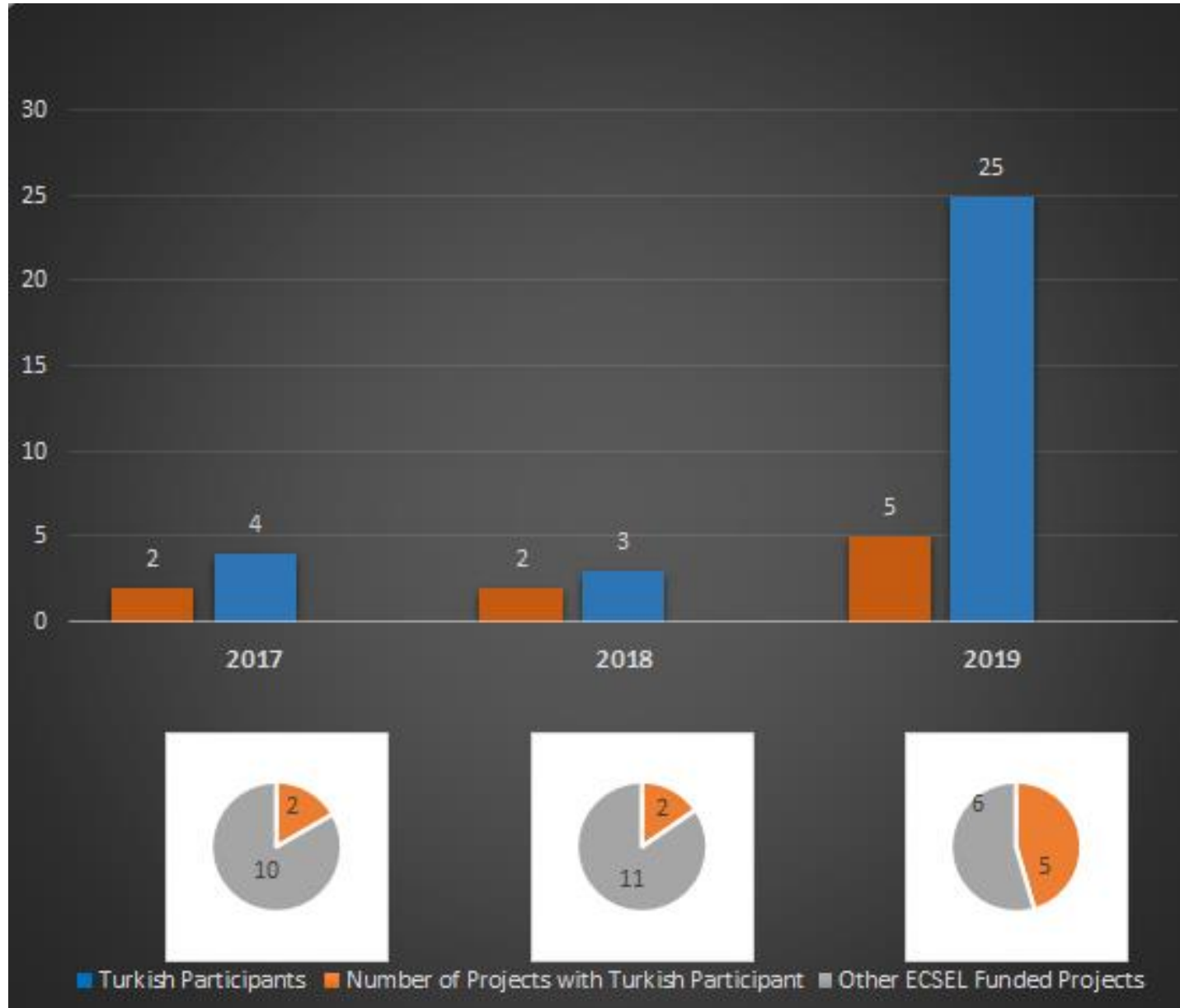
Digitalisation and automation solutions for the European industry

- Arçelik



ECSEL 2019 Call, 5 projects with 25 Turkish Stakeholders now in grant agreement preparation stage

Turkey in ECSEL Calls



- **ECSEL-2020-1-IA:** Innovation Actions (ECSEL-IA) (TRL 5-8)
- **ECSEL-2020-2-RIA:** Research and Innovation Actions (ECSEL-RIA) (TRL 3-4)
- **ECSEL-2020-4-CSA-DIGITAL EXCELLENCE** (ECSEL-CSA)

	RIA	IA	CSA
Industry	25%	20%	100%
SME	30%	25%	100%
University/Other	35%	35%	100%

	(M Avro)
Call 2020-1 IA	93.00
Call 2020-2 RIA	61.00
Call 2020-4 CSA	2.00
ECSEL Budget	156.00
Indicative National Budgets	177.95
Total	333.95

1071 - Support Programme for Increasing Capacity to Benefit from International Research Funds and Participation in International R & D Collaborations

R&D&I Projects

(EU Contribution to be topped up to following grant rates)

- Industry: %60 grant rate
- SMEs: %75 grant rate
- University/Research Center: %100 grant rate

National Call Budget

National Call Budget	5M Euro
Budget/Project	3M Euro

Project Duration 36 months

National applications can only be finalised by e-signature

National Call Text: <https://ufuk2020.org.tr/tr/haberler/ecsel-ortak-girisimi-2020-yili-cagrisi-acildi>

Indicative National Budgets

EPS	Call 2020-1 IA	Call 2020-2 RIA	Call 2020-3 RIA IMI – ECSEL joint activity	Call 2020-1, Call 2020-2 or Call 2020-3	ESIF	Total (M€)
AT ⁴	-	-	-	11.00	-	11.00
BE BXL	-	-	-	1.00	-	1.00
BE FL	-	-	-	12.00	-	12.00
BG	-	-	-	-	-	-
CH ¹	-	-	-	2.5MCHF	-	2.301
CZ	1.50	1.50	-	-	-	3.00
DE	-	-	-	32.00	-	32.00
DE Saxony	8.00	4.00	-	-	-	12.00
DE Thuringia	-	-	-	0.8	-	0.80
DK	-	-	-	2.0	-	2.00
EL	-	-	-	-	-	-
ES AIE	-	-	-	1.30	-	1.30
ES MINAETD	-	-	-	10.00	-	10.00
FI	-	-	-	7.00	-	7.00
FR	-	-	-	35.00	-	35.00
HU	-	-	-	1.00	-	1.00
IE	-	-	-	2.00	-	2.00
IL	-	-	-	7.00	-	7.00
IT MISE	-	-	-	-	-	To be defined
IT MUR ³	-	-	-	2.50	-	2.50
LV ²	-	-	-	0.42	-	0.42
LU	-	-	-	2.00	-	2.00
NL	-	-	-	19.64	-	19.636
NO	-	-	-	2.20	-	2.20
PL	-	-	-	1.50	-	1.50
PT	-	-	-	-	-	-
RO	-	-	-	-	-	-
SE	-	-	-	4.50	-	4.50
SK	-	-	-	0.80	-	0.80
TR	-	-	-	5.00	-	5.00
UK	-	-	-	-	-	-
TOTAL	-	-	-	-	-	177.957

National Call Submission via UİDB PBS

UİDB PBS
Proje Başvuru Sistemi

Dönemsel Başvuru Programları Sürekli Başvuruya Açık Programlar Çağrılı Başvuru Programları

Başvuru Programına Giriş

Proje başvuruza başlamadan önce, ARBİS bilgilerinizin güncel olduğundan emin olunuz, bilgileriniz güncel değilse lütfen güncelleyiniz.
ARBİS kaydınıza erişmek veya ARBİS'e üye olmak için tıklayınız.

Türkiye Bilimsel ve Teknolojik Araştırma Kurumu. Her hakkı saklıdır. © 2013

UİDB PBS
Proje Başvuru Sistemi

Ana Sayfa TAYYİP KÖSOĞLU Çıkış Admin Panel Kota Sorgula Başvuru Sorgula Online Kullanıcılar

Başvurularım (15) **Yeni Destek Başvurusu** E-İmza Süreci ARDEB Proje Görevlerim Değerlendirme Sistemi Kuruluş Yetkilisi

Yeni Destek Başvurusu

Program Adı	Bilgi Notu	Program Başvuru Durumu	Aktif Başvurular
2515 - COST PROGRAMI	Bilgi Notu	Başvuruya Açık	Aktif Başvurular
İKİLİ İŞBİRLİĞİ DESTEK PROGRAMLARI	Bilgi Notu	Başvuruya Açık	Aktif Başvurular
ÇOKLU İŞBİRLİĞİ DESTEK PROGRAMLARI	Bilgi Notu	Başvuruya Açık	Aktif Başvurular
ÇOKLU İŞBİRLİĞİ DESTEK PROGRAMLARI (1.AŞAMA)	Bilgi Notu	Başvuruya Açık	Aktif Başvurular

Türkiye Bilimsel ve Teknolojik Araştırma Kurumu. Her hakkı saklıdır. © 2013

TÜBİTAK 1071 project applications to be done via UİDB Project Application System (UİDB-PBS) uidb-pbs.tubitak.gov.tr



Clean Sky 2 JU Local Info Day In Ankara,
TUBITAK, 15 November 2018

with the participation and presentations of Clean Sky
JU Office and Safran Aircraft Engine



Innovative Medicines Initiative 2 Info Day In
Ankara, TUBITAK, 21 February 2019

IMI JU Office and the European Federation of
Pharmaceutical Industries and Associations (EFPIA)



Shift2Rail JU 2020 Call Info Day In Ankara,
TUBITAK, 22 January 2020

with the participation and presentations of
Shift2Rail JU Office



ECSEL JU 2020 Call Info Day In İstanbul,
Boğaziçi University, 18 February 2020

with the participation and presentations of
ECSEL JU Office

www.ufuk2020.org.tr

https://ufuk2020.org.tr

UFUK 2020

E-Posta Adresiniz Şifreniz Üye ol Şifremi Unuttum

f t KİM KİMDİR? EN

Ufuk2020 Destekleri

Avrupa Teknoloji Platform ve Ağları

Ufuk2020 Tüm Çağrılar

TÜBİTAK Ufuk2020 Destek ve Ödülleri

Haberler/Duyurular Tümü

Uluslararası İkili İşbirlikleri

EUREKA TÜBİTAK

Hedef Türkiye

İş Başvuruları EUROXESS RESEARCHERS IN MOTION

ARBİS-Y ARBİS-Y Yünlü Akıllı Bilgi Sistemi

TuRBo Brüksel Ofisi TuRBo

Ufuk2020 Robotik Bilgi Günü ve Proje Pazarı Düzenleniyor!
Ufuk2020 ICT alanı Robotik çağrılarında 18...



Thank You