



Horizon 2020 Dedicated TÜBİTAK Support and Award Programmes

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National H2020 Coordinator

9 October 2015



Total Budget: 53,2 Billion €

Return Amount: 208,9 Million €



930 Turkish researchers, 9.500
European researchers



200 SME, cooperation with
2.000 European R&D actor



350 Turkish researchers in
European research centres

Integration with ERA

- Cooperation with global players
- Multidisciplinary, multipartner research culture
- Accelerated brain gain (327 researchers)

Project Budget
2,8 Billion €

1.012
projects

1.206
partnerships

H2020 ROADMAP FOR 2015

VISION OF HORIZON 2020



OBJECTIVE 1

Increasing awareness at national level through enhanced training activities

OBJECTIVE 2

Development of initiatives and incentives aiming to encourage participation to the Programme

OBJECTIVE 3

Identifying capabilities in TARAL, increasing international visibility and developing cooperation with ERA

OBJECTIVE 4

Increasing cooperation with national institutions

OBJECTIVE 5

Developing synergy among national and international R&D programmes

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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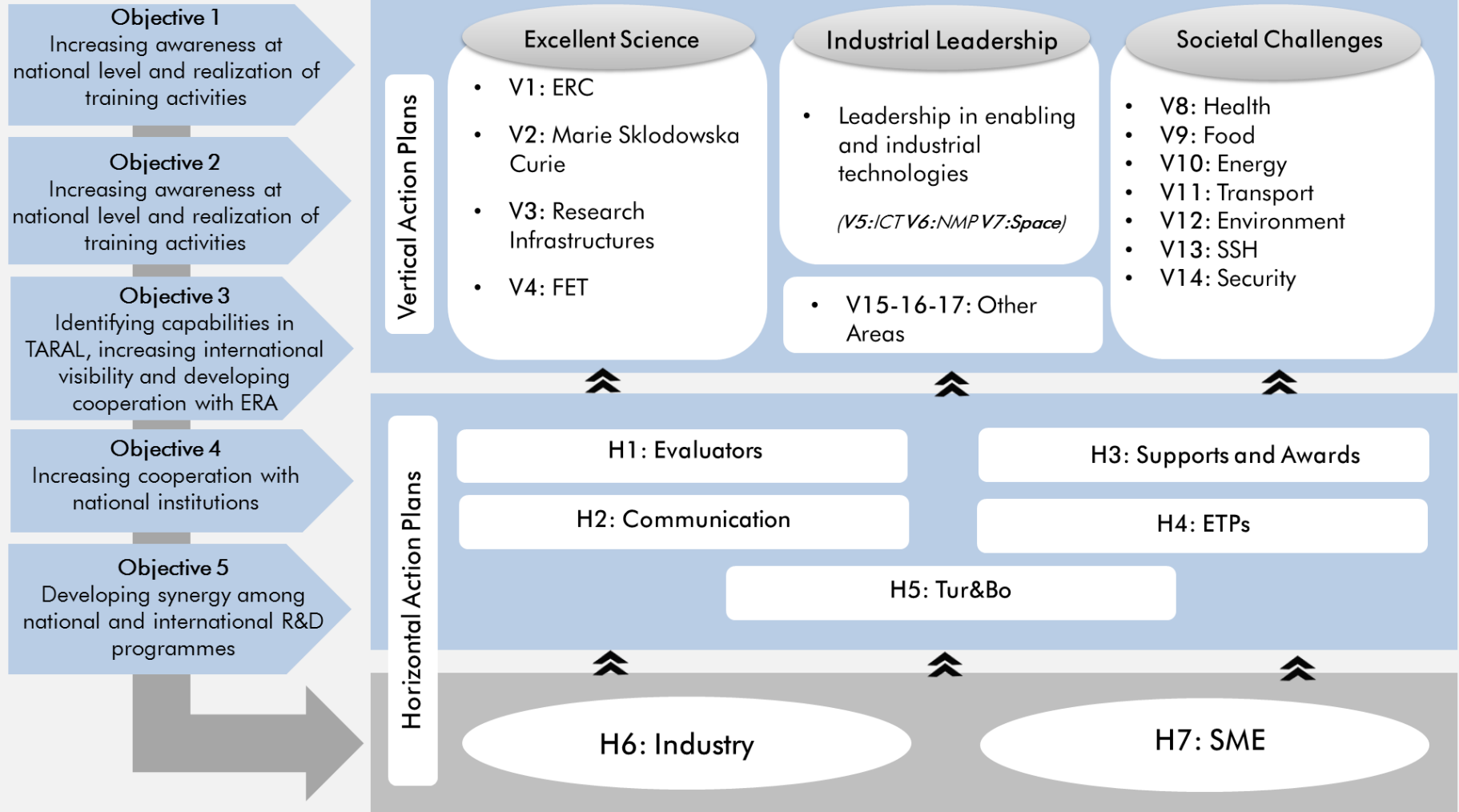
451 million Euro

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Integration with ERA

2015 Roadmap for Horizon 2020

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



A Set of Concerted Actions



Trainings

- Trainings
- Face to face meetings
- Promotion Materials



Workshops/Forums

- Focus Group Workshops
- Thematic Workshops
- Industry Forum



New Initiatives

- H2020 Support and Award Programme
- TR in H2020 Project



Side Initiatives

- Science and Inn. Years
- International Cooperation
- Synergy with IPA
- Destination TR
- International Mobility



Visibility

- TuRBo Office
- Advisory Boards
- Evaluators

Raise
Awareness

Customize

Support

Facilitate

Lobby

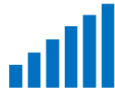
HORIZON 2020

Raise Awareness - Trainings

Horizon 2020 Related Trainings and Face to Face Meetings



University/
Research Ins.



Industry



SMEs

Public Bodies



Target Groups

2014

2015-September

173 Events

7.000 Participants

818 B2B














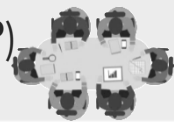
312 Events

7.514 Participants

793 B2B



Increase Participation - Workshops

	<u>TTOs</u> <ul style="list-style-type: none">• 23 October 2014• 13 February 2015 
	<u>Evaluators/Panel Members in FPs</u> <ul style="list-style-type: none">• 9 March 2015 
	<u>EENs</u> <ul style="list-style-type: none">• 10 February 2015 
	<u>Industry Representatives</u> <ul style="list-style-type: none">• 20 February 2015 
	<u>Woman Researchers</u> <ul style="list-style-type: none">• 9 March 2015 
	<u>Regional Development Agencies</u> <ul style="list-style-type: none">• 16 September 2015 
	<u>PC Members/Thematic Groups (NMP)</u> <ul style="list-style-type: none">• 15 September 2015• 1 October 2015 

2015: Meetings with 7 Different Focus Groups

Meetings with Stakeholders helped to boost participation of their R&I networks

Better
Feedback
to PCs

2016

Meetings with H2020 Thematic and Programme Level Sub-Groups

ERC, Health, Security, Transport, MSCA, etc.

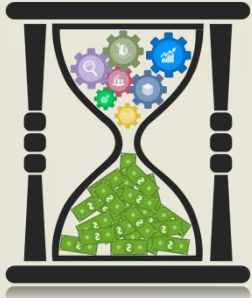
Horizon 2020



Patronized by the
Minister of Science, Industry and Technology

Targeted the
CEO's 500 Leading Companies

Agenda



- H2020 General Introduction
- Importance of H2020 in the process of integration to EU
- Importance of participation of Industry to H2020
- Support and Award Mechanism of TUBITAK for H2020
- Success stories of leading companies in FP7 and H2020

TNO Workshop

- 21 January 2015
- TNO Healthy Living Leiden Institute
- Preparing Joint Projects in Health and SSH

3 Projects

Health- MarcoPolo

- Active and Healthy Ageing through ICT: Early diagnosis and intervention
- VILLIANS, TNO, SRDC, Ministry of Health, Istanbul Municipality

Health-POWER2DM

- Personalized health and decision support mechanisms through recognitory computing models
- TNO, SRDC

SSH-All-for-one

- ICT for open government
- Trieste Uni., TNO, SAMPAŞ, Ministry of Health, Tekirdağ Süleymanpaşa Municipality



H2020

TNO Energy
Workshop
25 November
2014

Fields:

- Smart Cities and Societies
- Energy Efficiency

Participants:

- 4 Municipality Antalya, Bornova, İzmir and Tepebaşı
- 3 Industry Company Venesco, Demir Enerji, Ekodenge
- 5 University İTÜ, Başkent, Ege, METU and Yaşar University

Outputs

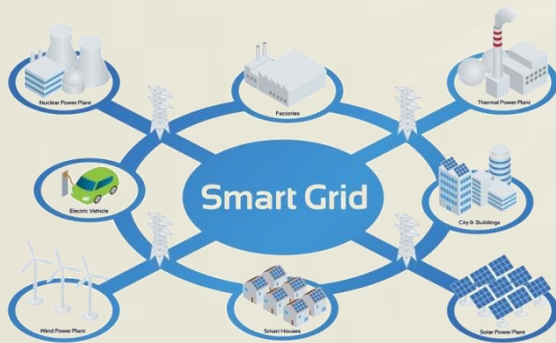
- 1 Project application to Secure, Clean and Efficient Energy Programme under H2020
- Possible project applications are being considered for 2016-2017 calls of Secure, Clean and Efficient Energy Programme under H2020

12 May 2015

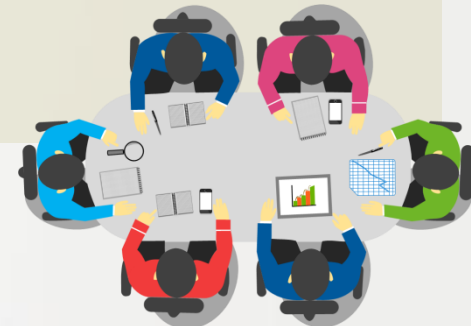
Smart Grids

- EPDK
- Electricity Distribution Services Foundation
- Enerjisa, UEDAŞ, AKDENİZEDAŞ (Distribution Companies)

Outputs



Possible project applications are being considered for 2016-2017 calls of Secure, Clean and Efficient Energy Programme under H2020





SUPPORT and AWARD PROGRAMMES



Quantity

New Actors

Quality

Better Projects

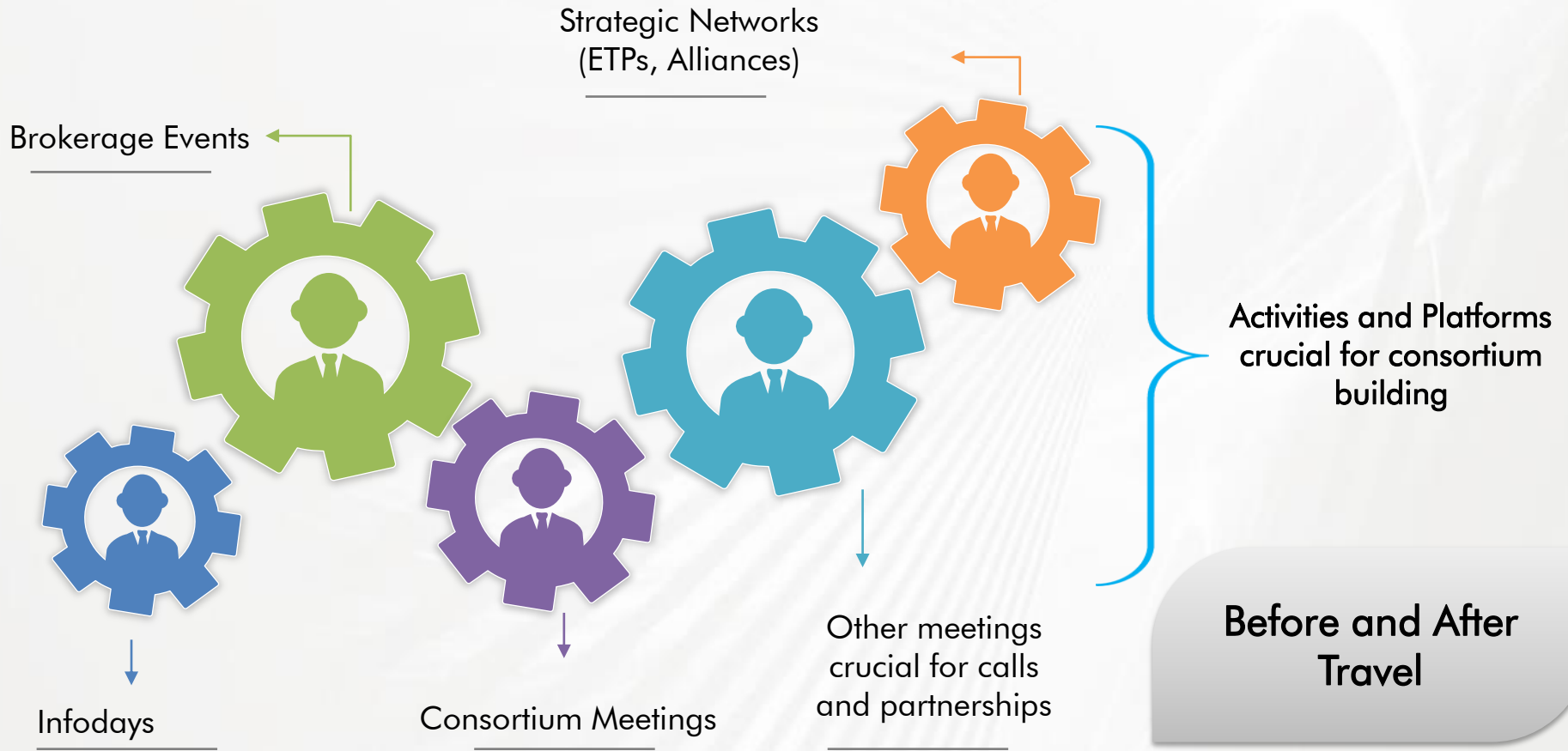
Leadership

More Coordinators

Promotion

Generous Awards

Support for H2020 Oriented Travels



Necessary Documents

- Application Form
- Official invitation letter
- CV of applicants
- Contact/commitment letter

Support for H2020 Oriented Travels

Up to 1.500 Euro for researchers and representatives/applicants

Eligible Costs

- Accomodation
- Domestic Transport
- Visa
- Flight tickets
- Participation fee
- Daily Allowance

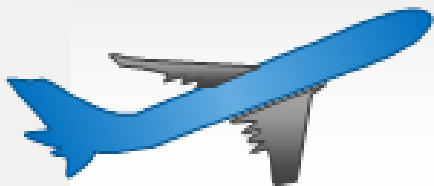
**Travel
Support**

Important Issues

Report of meetings and
events expected

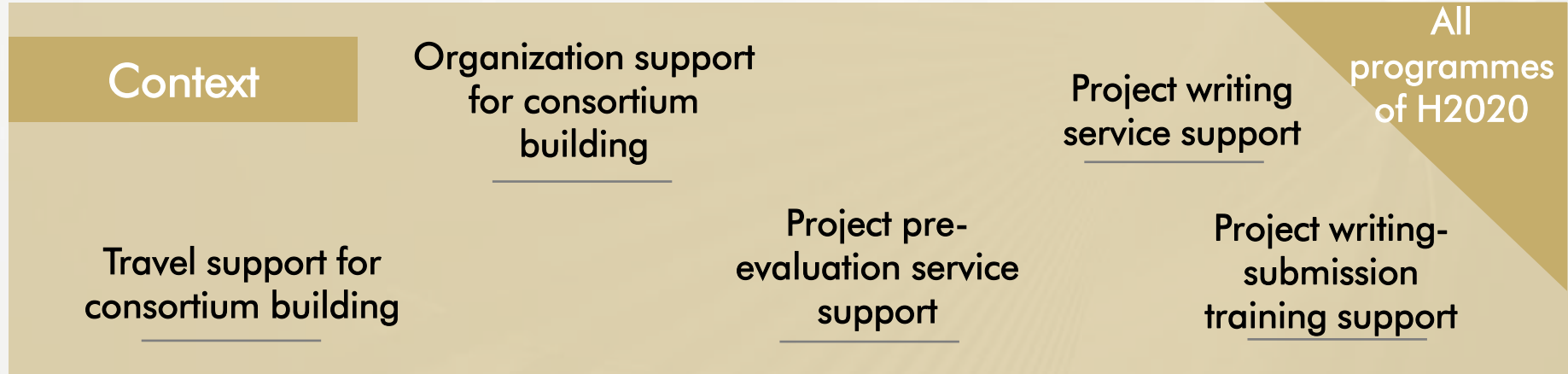
Max. 4 travel per year

Obligation of project:
max 4 travel support
in same field



Support for H2020 Coordinators

Up to 30.000 € support for each Potential Coordinator!



Travel Support

- Potential coordinator/project team
- Travel and accomodation
- Participation to meetings/lobbying EC
- Up to 4 travels per projects

Up to 1.500 €



Organization Support

- Organizations in Turkey or abroad
- Max. 2 days
- Venue, catering, technical equipments, travel for two representatives from project team

Up to 30.000 TL



Project writing-submission training

- Coordinator Candidate or project team: Up to 3 people
- Training fee, travel and accommodation costs
- Participation to trainings (Financial Issues, IPR, Project idea compiling, etc.)

Up to 9.000 €

Project writing support

- Max. once for each project
- Converting ideas to project by professionals

Up to 15.000 €

Project pre-evaluation support

- Evaluation of projects by professionals and revision for submission
- Max. once for each project

Up to 8.000 €



Award for Above the Tresholds

Application, Eligibility and Requirements

Award:

- Multipartner Project
 - Single partner SME Projects : 5.250 €
 - MSCA Projects (80 score) : 2.000 €
(90 score) : 3.000 €
- Partner : 3.500 €
- Coordinator : 7.000 €

- To project team and coordinator

- Due to above treshhold limit in each call

- Success in resubmission: right to apply for success award



Granted Projects

Calculation Example

Budget	Formula	Partner	Coordinator
220.000	$3.500\text{€} + (\text{budget} \times 7\%)$	18.900	37.800
500.000	$8.500\text{€} + (\text{budget} \times 5\%)$	33.500	67.000
1.200.000	$28.500\text{€} + (\text{budget} \times 3\%)$	64.500	129.000

- Top Down Calls
- In Pre-determined Fields
- Already Set Priorities
- Many Partners
- Multinational Consortia
- Shared Resources

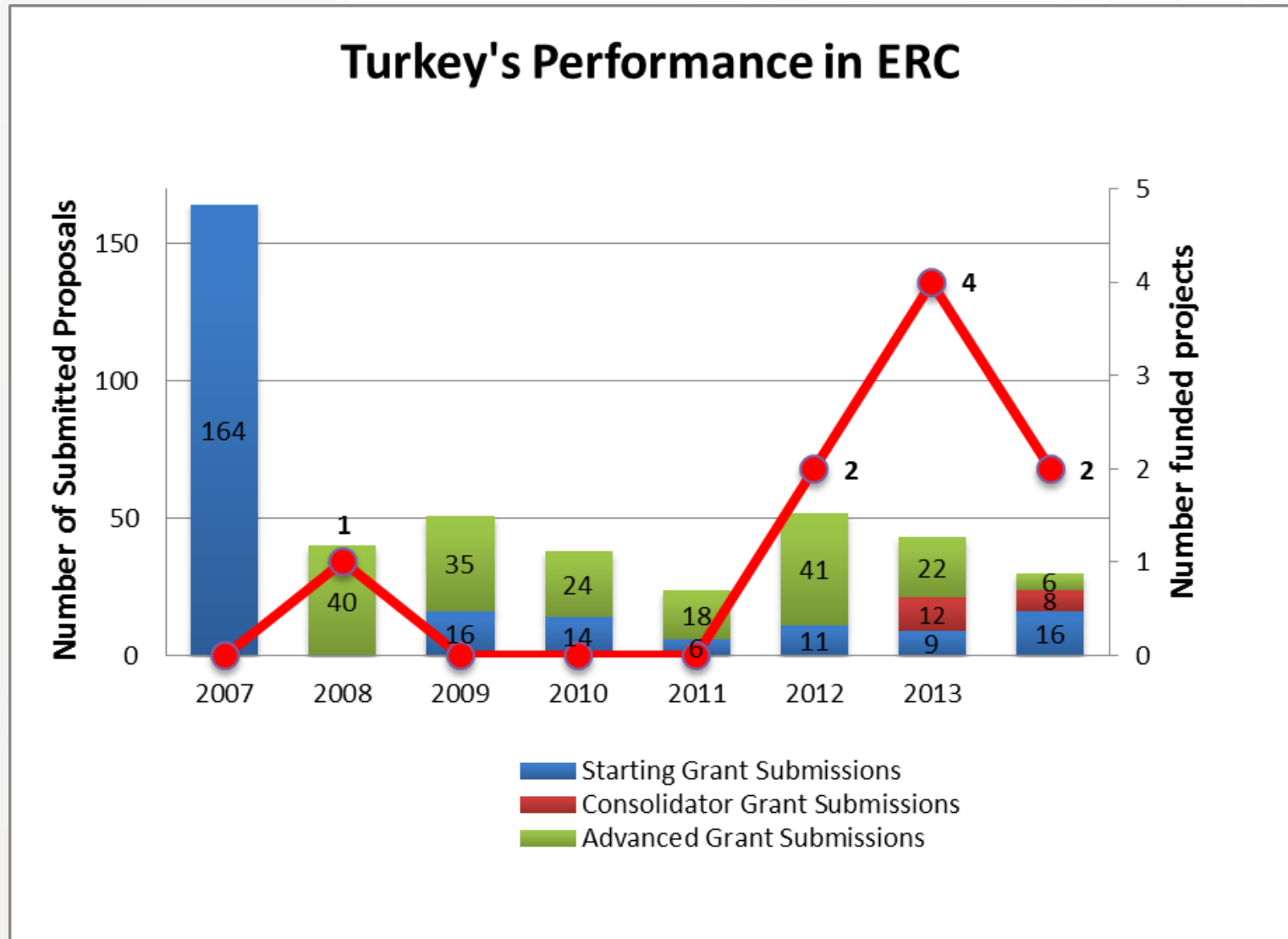
... however, by ERC



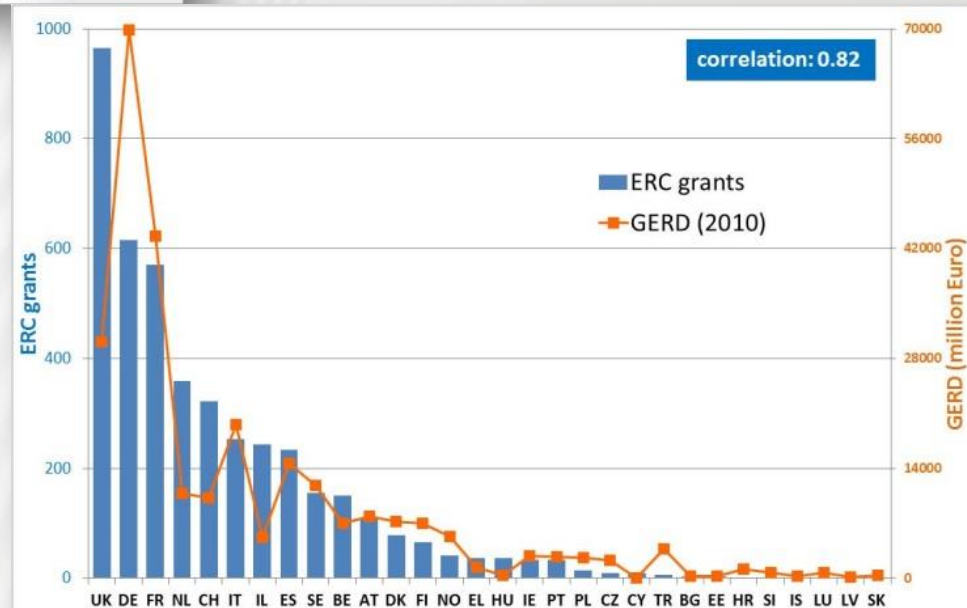
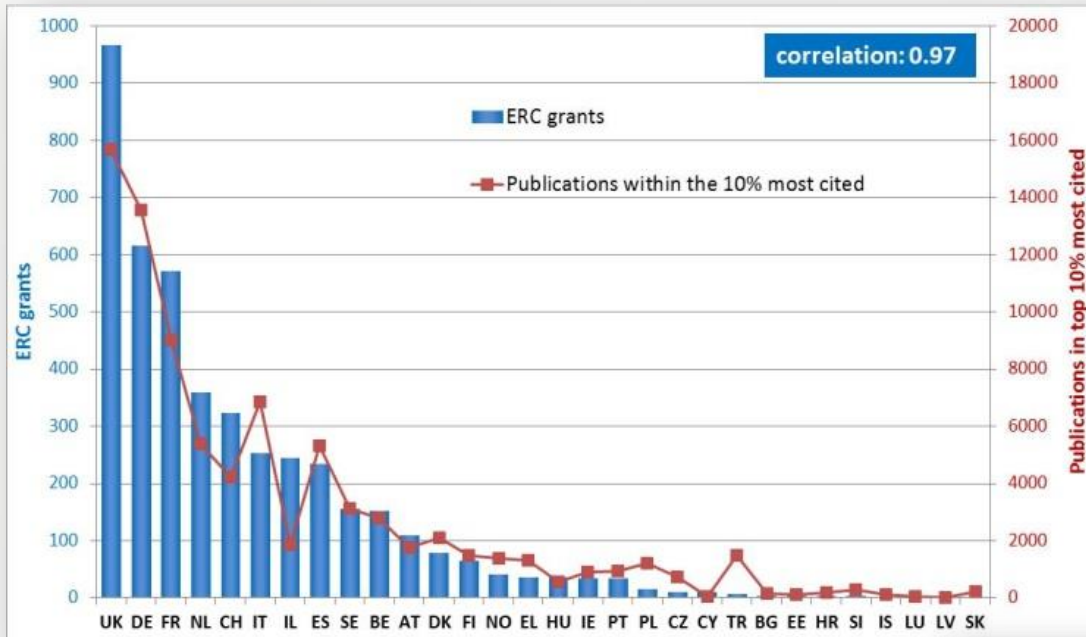


Turkey's Performance in ERC

In 2007-2014: 442 ERC Grant Applications, 8 ERC Grants, 14.3 million €



High Potential for Turkey's ERC Participation



ERC Principal Investigator Enhancement Programme

Project Writing – Submission Trainings

- Conceptualizing and writing project idea
- Participation to upto 2 trainings
- **Per training incl. travel costs for 2.500€**

Project Pre-evaluation Support

- Evaluation by professionals before submission
- Evaluation of Project idea
- Written scientific evaluation: B Forms
- Via internet, telephone or meeting
- Travel support
- **Up to 7.500€**

Interview Trainings

- Participation to ERC interview trainings
- Participation of 1 training
- **Per training incl. travel costs for 2.500€**

EXCEPTIONS

- ERC applicants succeeded to pass the 1st stage
- MSCA IF grant holders
- TÜBİTAK Science Award Holders
- EMBO Settlement Support Programme, Young Researchers, Long-term fellowship holders
- COST action proposers

How can TÜBİTAK help you?



- National Funding by TÜBİTAK : for the improvement of the ERC project idea (under construction)

Proposal
Preparation

Unfunded but
Highly-Graded

Funded ERC
Projects

How can TÜBİTAK help you?

- **National Funding by TÜBİTAK : for Additional Needs of the ERC Project (under construction)**



- A top-up funding to cover:
 - additional resources needed during the execution of the ERC project

- **Award for ERC Projects Transferred to Turkey**
 - €25,000 - €35,000* paid at once after the transfer
 - For the ERC projects that will be transferred to a host institution in Turkey before or after the project start date

* calculated proportional to the project budget remained unspent

Proposal
Preparation

Unfunded but
Highly-Graded

Funded ERC
Projects

Supporting Participation - New Programmes

H2020 Mentorship Support: All stages from project idea compilation to submission!

Mentorship
Support

Research Centres
Universities



Industry/SME



Researchers



Coordinators and Partners: Successful submissions and taking part in consortiums

- Developing Project Ideas
- Financial Planning
- Partner Search
- Project Submission
- Financial and Legal Issues
- Lobbying



Planning

Implementing

Following
Submissions

Being Planned

Supporting Participation - New Programmes

Consultancy and Training Support to Coordinators in Financial and Project Management Issues

Successful
Coord.
Support

Following Submission



Support to Project Implementation

Support to Project Coordinators and their teams

Content

Successful Coordinators
in H2020



Budget Management

Financial Reporting

IPR

Legal Issues

Support

- 1.000 € +travel support for each training during project lifetime: (total 5 training)

- Consultancy Support: 5.000 €

Being Planned

Supporting Participation - New Programmes

Support for Bringing Coordinators to Turkey

Foreign
Coord.
Support

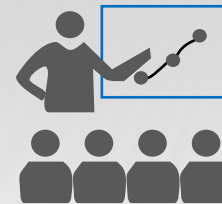


- Enabling meeting of Turkish researchers with potentially strong Coordinators from abroad

Content



- Turkish Researcher who wish to bring foreign coordinator to TR will apply



- Small workshops and bilateral meetings



- Travel and Accommodation Support

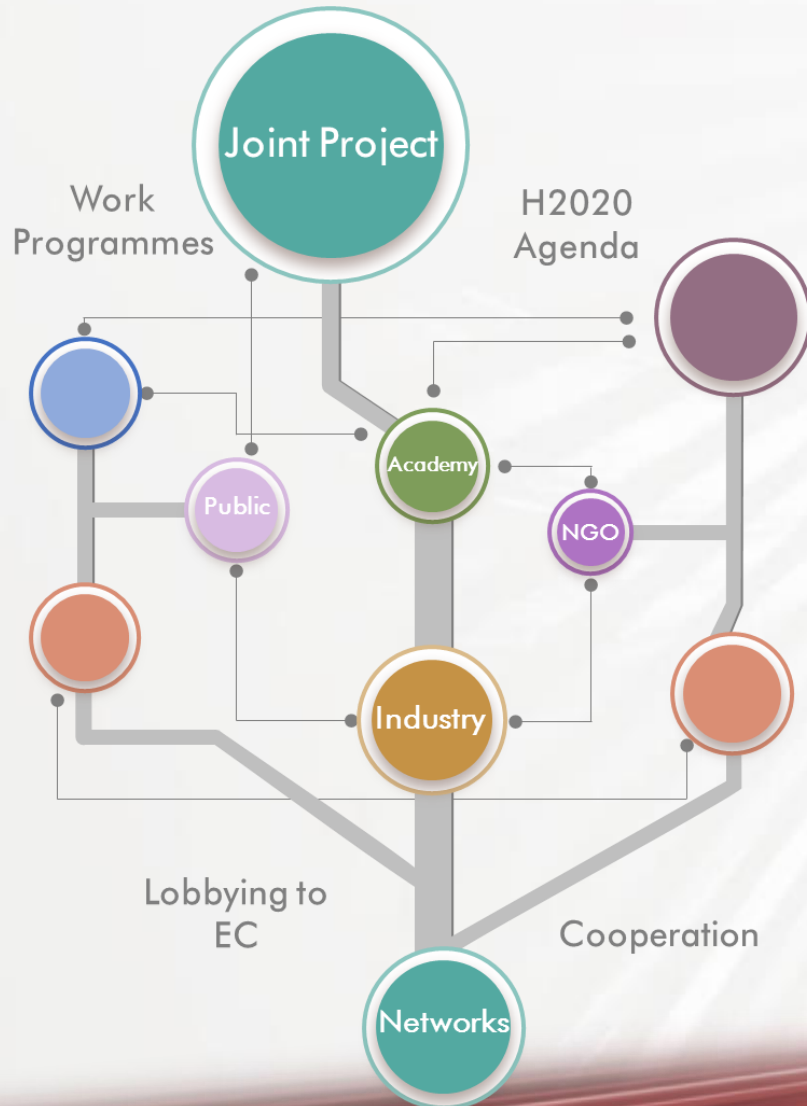
- Total 2.000 €

Being Planned

Supporting Participation - New Programmes

Support for Participation to Active Networks in H2020

Network
Building
Support



Content

- Networks active in Europe for H2020 and accepted by TUBITAK
 - ETPs
 - Industry Associations
 - Umbrella Organizations

Support

- Certain amount of membership fee of Turkish organizations
- After 3 years of membership support could be withdrawn once the Turkish organization have not participate to H2020 projects

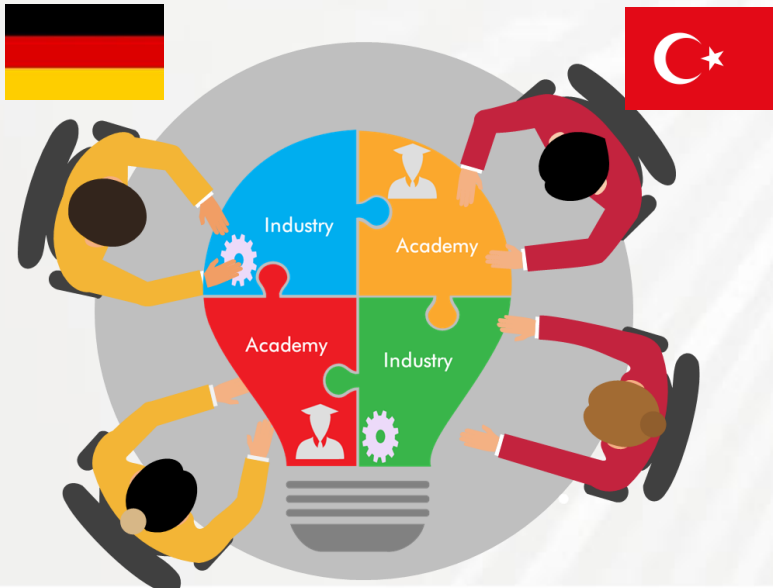
Being Planned

2014 Turkey and Germany Science and Innovation Year



Capacity development and networking with Germany for H2020 calls

- Total: 74 Events
- 1.000 Turkish - 780 German Researchers



2+2 Specific Call

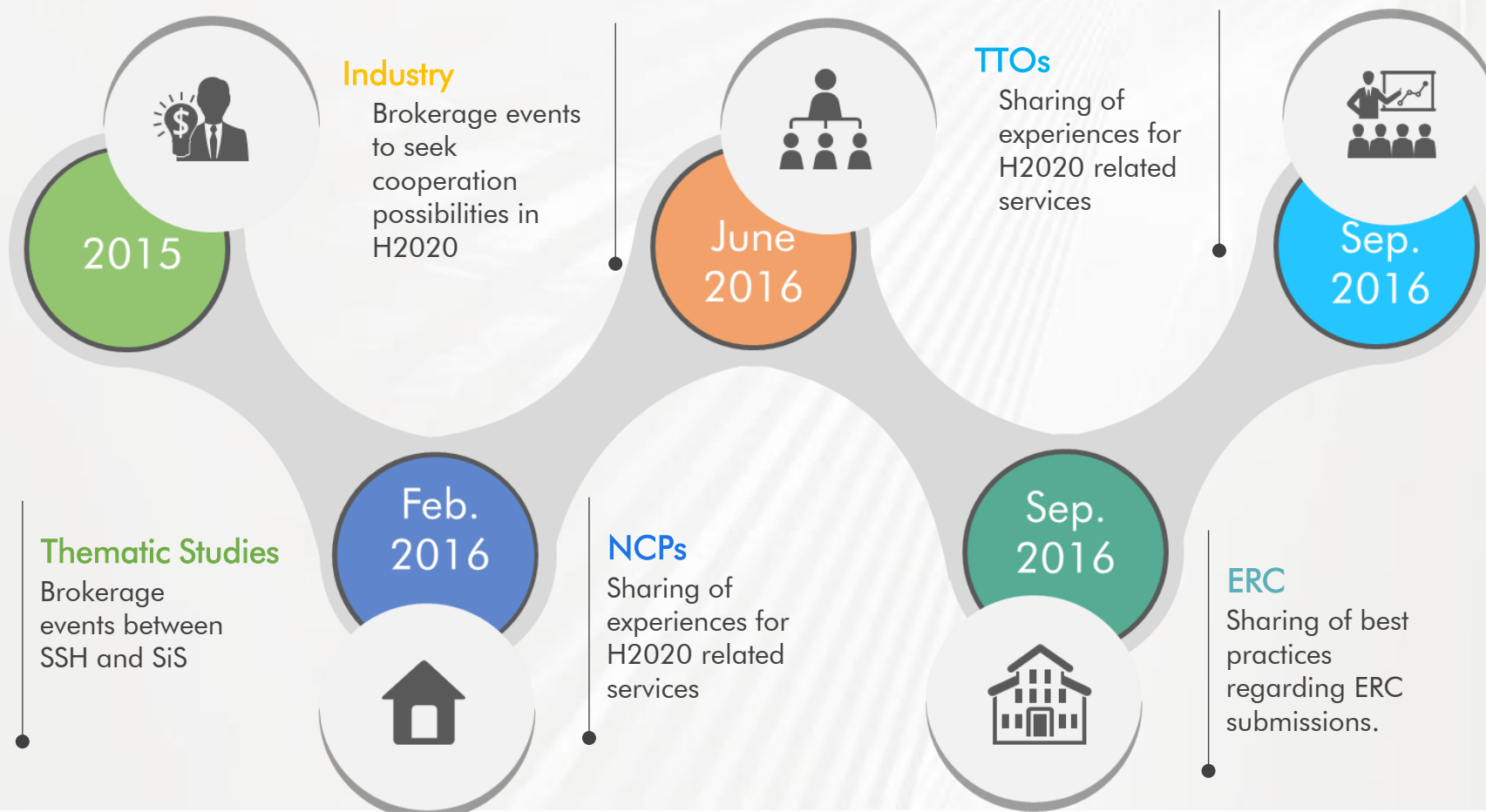
- 2+2 Programme Call first launched in 2009.
- 4 out of 16 applications were supported
- 2nd call launched in 2014.
- 130 applications received!!!

2015 TR-UK Science and Innovation Year



Newton-Katip Çelebi Fund

- Launched in September 2014
- 40 M Pound for Joint Projects between TR and UK



Facilitation - Destination TR



Northeastern University
University of Michigan



University of Houston
Duke University
Southern Polytechnic State
University



UCLA
Stanford University
Boston Naturejobs Career Fair

2010

2012

2013

2014

2015

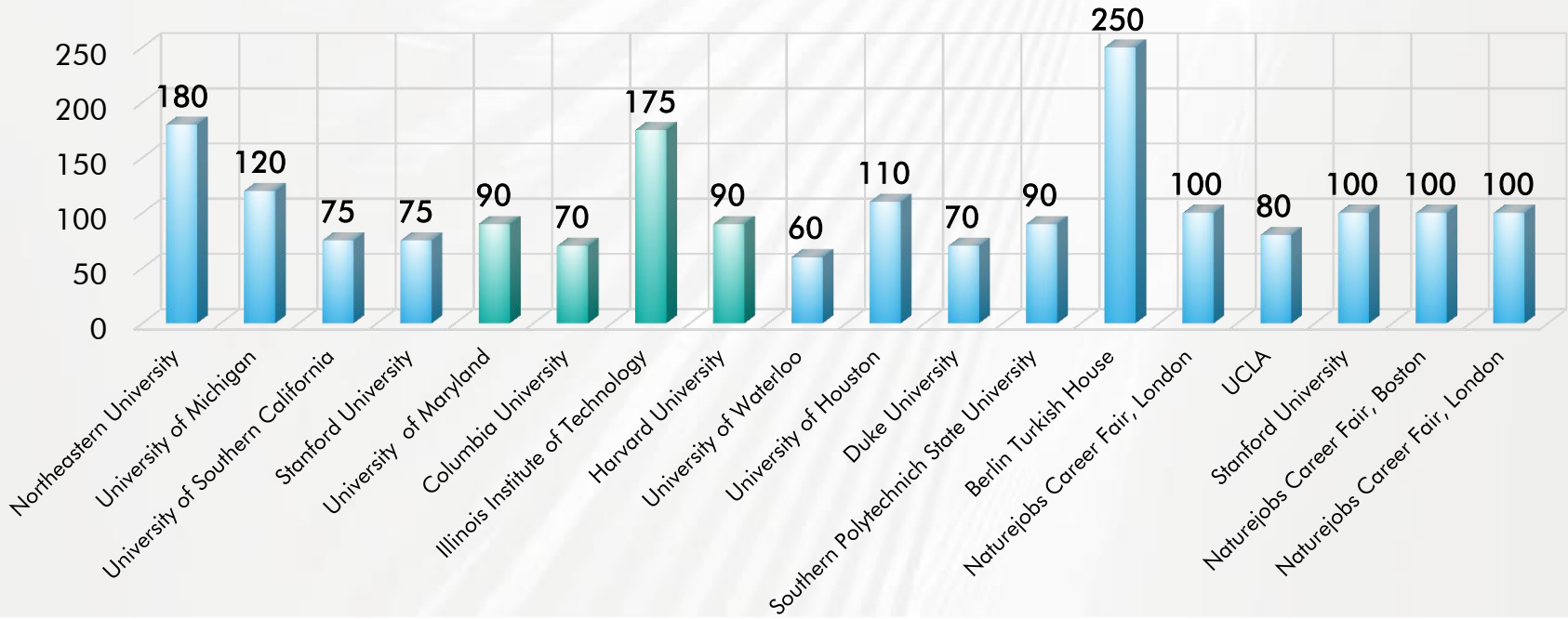
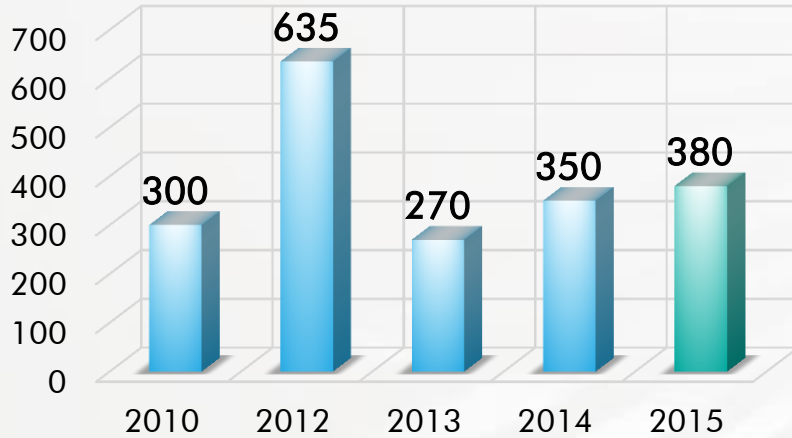


University of Southern California
Stanford University
University of Maryland
Columbia University
Illinois Institute of Technology
Harvard University
University of Waterloo



Berlin Turkish House
Boston Naturejobs Career Fair
London Naturejobs Career Fair

Number of Participation



2010-2015
18 Events
USA, Canada ve Europe
1.935 Participants



- Marie Sklodowska Curie
- ERC
- TUBITAK Programmes
- Bilateral Coop. Prog.



Promoting TARAL in
International Arena



327

326 researchers under MSCA
1 researcher under ERC returned to Turkey

Thank you for your attention