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TURKEY<sub>in</sub>  
**HORIZON 2020**  
COOPERATION. INNOVATION. COMPETITIVENESS

Technical Assistance for Turkey in Horizon 2020 Phase-II  
EuropeAid/139098/IH/SER/TR

# Turkey in Horizon 2020 II

**European Research and Innovation days (on-line event):  
How to maximize the benefits from participation**

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REPUBLIC OF TURKEY  
MINISTRY OF INDUSTRY  
AND TECHNOLOGY



COMPETITIVE  
SECTORS  
PROGRAMME



TÜBİTAK





## What changes have paved the way for online events?

- Advancements in Technology
- Global Businesses
- Budget Restrictions
- Covid19

## PROS

- Familiarity
- Atmosphere
- Giveaways
- Spontaneity

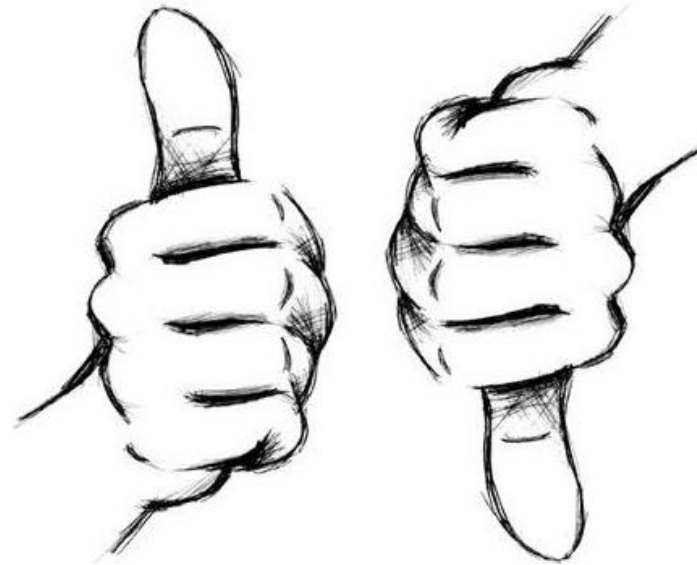


## CONS

- Narrow geographic reach
- Expensive
- Space Limitations

## PROS

- Very cost-effective
- Broadest possible geographic reach
- Comprehensive analytic data
- Unlimited Attendance
- Continued Access



## CONS

- Limited Networking
- Less spontaneity
- No way to give away physical items
- A new learning curve





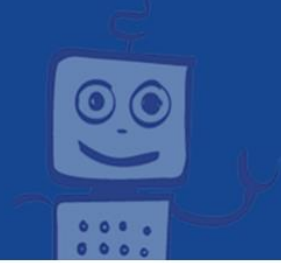


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*The 2020 edition of the European Research & Innovation Days promises to be a fantastic interactive event. With the policy conference covering ten thematic hubs including the Green Deal and Horizon Europe, co-design sessions and as well as prize ceremonies and the Science is Wonderful! exhibition, there is opportunity for everyone to get involved and share their thoughts on the future of European research & innovation.*

Mariya Gabriel, Commissioner for Innovation, Research, Culture, Education and Youth

”





- The [EU R&I days](#) brings together world leaders to debate and shape the future of research and innovation.
- This Research and Innovation days take place in a crucial year. The event follows an unprecedented global crisis.
- It also takes place just ahead of the launch of [Horizon Europe](#) – starting its next research and innovation programme in 2021 - and an enhanced [European Research Area](#).
- The EU R&I days therefore will provide a unique chance to discuss how research and innovation will benefit the future of Europe and beyond

## Why should I attend the European Research and Innovation Days?

- Learning
- Co-design
- Networking
- Interaction

## Who can attend the Research & Innovation Days?

- Policymakers, researchers, entrepreneurs and citizens.  
**Participation is open to everyone with an interest in the topic and is free of charge.**
- Registration is mandatory

### technical requirements

- 4GB RAM
- 10 mbps internet connection
- One of the following browsers: Edge, Safari, Firefox or Chrome

It is encouraged, but **not** mandatory, to have a webcam for this event

## The **virtual event** has **2 key areas**:

- The Policy Conference
- The Science is Wonderful exhibition

Each area offers unique possibilities to participate and interact with other attendees.



- Activities in stands
- Joint Research Centre (JRC)
- European Institute of Innovation and Technology (EIT)
- Horizon Magazine

The virtual **Science is Wonderful!** exhibition offers attendees direct access to some of the ground-breaking research being presented during the event. You can do a virtual tour of researchers' stands, interact with their activities, and ask questions about solutions being developed by EU-funded research initiatives.

- Plenary
- Watch
- Raise your hand and speak
- Write questions and answers
- Live polling
- Chatbot

## HUB

- Hub sessions
- Workshops
- Chat box
- Gamification
- Networking
- Files



### HUB 1



**Sessions** in this hub will cover:

- how the EU can best support **national research and innovation policy reforms**
- what new instruments and funding sources are out there for this purpose, making Europe stronger as a whole
- open science and knowledge sharing
- the role of co-design and community interaction in ensuring EU research policy and the European Research Area are transparent and able to engage all players
- insights about this co-creation process first-hand from the three current/future Council presidencies.

## How can research and innovation drive fair and just

### HUB 2



**Sessions** in this hub will provide an opportunity to imagine a better future together and cover areas where we can deliver long-term and far-reaching changes in energy, green mobility, food standards, air and water quality, and human health such as

- sustainable agriculture
- carbon-neutral buildings
- clean energy transition
- energy efficient transport
- smart cities
- climate-resilient communities

**Day 2** will feature an info day on the upcoming Horizon 2020 Green Deal call for proposals, followed by breakout sessions per area

**Day 3** will include a brokerage event and matchmaking session where partnerships can be made

### HUB 3



Sessions in this hub will explore

- the huge potential of **digital technologies such as artificial intelligence (AI) and big data for robotics and health**
- ethical challenges** such as gender and ethnicity biases in AI and medical research
- the profound societal and economic implications of digitalisation for the future of work and how to best advance digital skills in Europe
- how to involve all players in the research and innovation lifecycle to ensure technology really does work for everyone and deliver on the promise of Europe's Digital Single Market?

### HUB 4



### Sessions will cover

- how research and innovation can contribute to achieving a **sustainable and inclusive recovery**
- regulatory barriers to innovation
- the importance of reinforcing synergies between **Horizon Europe** and other **EU funding** programmes and policies
- the role of European Partnerships for a **greener, socially relevant and digitally-enabled economy.**

## HUB 5



The five main **mission areas** are

- fighting cancer
- adapting to climate change
- living in greener cities
- ensuring soil health
- protecting our oceans



## Connecting the dots across European policies and programmes

### HUB 6



**Sessions** will cover questions such as

- what is the **outreach** and **communication strategy** under the new programme?
- what is the **new exploitation ecosystem**?
- how do we contribute to **policymaking**?
- how will the **digital transformation** simplify and boost further interaction with **stakeholders**?
- what have we learned during Horizon 2020 and the Covid-19 crisis?

## HUB 7



**Sessions** in this hub will cover

- the future of EU relations in research and innovation with non-EU countries
- association to Horizon Europe
- the global responses to Covid-19
- climate diplomacy

## HUB 8



**Sessions** in his hub will explore what has already been achieved in the pilot phase and co-create opportunities for the full **EIC in 2021**. You will be able to

- meet **EIC** Advisory Board members, Programme Managers, **EIC** portfolio companies and projects
- discover the **EIC** Fund,
- help build the **EIC** ecosystem and Future Tech week
- find out how the **EIC** is supporting women innovators, the Green Deal and the fight against Covid-19.

## HUB 9



We will explore some unique aspects of the EIT's upcoming strategy for 2021 to 2027 through a **session** on:

- how the **EIT** boosts the innovation capacity of regions across Europe
- the role the **EIT** can play in increasing Higher Education Institutions' innovation and entrepreneurship capacities in Europe.

**Other sessions** include

- innovating for the Green Deal
- a European approach to Artificial Intelligence.

## HUB 10



European Research Council

**Sessions** will explore how the **ERC** supports some of the brightest minds across all research disciplines. You will be able to learn more about the **ERC's** competitive and flexible funding, which allows researchers to identify and explore promising fields and open up new opportunities for research and scientific breakthroughs.

In a **must-see session**, prominent ERC-backed scientists will present their research and shed light on how we can build a more resilient post-pandemic world.

In **another session**, participants will be able to learn about the importance of public engagement and science communication for EU-funded scientists - straight from the laureates of the first ERC Public Engagement with Research Award.



	PLENARY	HUB 1 POLICY	HUB 2 GREEN DEAL	HUB 3 DIGITAL	HUB 4 HORIZON EUROPE	HUB 5 MISSIONS	HUB 6 SMART IMPLEMENTATION & SYNERGIES	HUB 7 INTERNATIONAL COOPERATION	HUB 8 EUROPEAN INNOVATION COUNCIL	HUB 9 EUROPEAN INSTITUTE OF INNOVATION & TECHNOLOGY	HUB 10 EUROPEAN RESEARCH COUNCIL
9:00 ▶ 9:30	OPENING CEREMONY										
9:30 ▶ 10:30	CEREMONY: Handover of the EU Missions										
10:30 ▶ 11:30	EUROPEAN GREEN DEAL & Just Transition										
11:45 ▶ 12:30				ARTIFICIAL INTELLIGENCE & Robotics, Today & Tomorrow		Mission area: OCEANS				Innovating for the GREEN DEAL	
12:30 ▶ 12:45											
12:45 ▶ 13:30		More investment, better policies, stronger COOPERATION	UNCROSSING PLANETARY BOUNDARIES: How to get nutrient flows back within safe ecological limits?		SYNERGIES: New opportunities on the Horizon	Horizon Europe Missions: CITIZENS ENGAGEMENT			Building the new European Innovation Council: Putting Europe at the forefront of DEEP TECH AND BREAKTHROUGH INNOVATION		
13:30 ▶ 14:00	BREAK										
14:00 ▶ 14:45			R&I to accelerate CLEAN ENERGY TRANSITION, a core pillar for matching climate targets	Mitigating Gender and Ethnicity Biases in AI			Simplification in implementation of the NEW MULTIANNUAL FINANCIAL FRAMEWORK: The role of Horizon Europe	R&I GEOPOLITICAL OUTREACH through association	FROM world class SCIENCE TO world beating COMPANIES (joint with European Research Council)		
15:00 ▶ 15:45	Towards a new EUROPEAN RESEARCH AREA: Joining forces, aiming higher										
16:00 ▶ 16:45			Building a POST- COVID FOOD SYSTEM ECONOMY that works for people, planet and climate		Dealing with REGULATORY BARRIERS TO INNOVATION: From theory to practice		EUROPEAN INSTITUTE OF INNOVATION & TECHNOLOGY AND EUROPEAN RESEARCH COUNCIL: Walking the Talk	is SCIENCE AND CLIMATE DIPLOMACY with associated countries in the Mediterranean region	EUROPEAN INSTITUTE OF INNOVATION & TECHNOLOGY AND EUROPEAN RESEARCH COUNCIL: Walking the Talk		Frontier research to fight COVID-19
17:00 ▶ 17:45			SUSTAINABILITY by design. Embedding sustainability criteria throughout life cycle of products and processes		Impact lab: Estimating the climate IMPACT OF HORIZON PROJECTS	Mission area: CLIMATE					

	PLENARY	HUB 1 POLICY	HUB 2 GREEN DEAL	HUB 3 DIGITAL	HUB 4 HORIZON EUROPE	HUB 5 MISSIONS	HUB 6 SMART IMPLEMENTATION & SYNERGIES	HUB 7 INTERNATIONAL COOPERATION	HUB 8 EUROPEAN INNOVATION COUNCIL	HUB 9 EUROPEAN INSTITUTE OF INNOVATION & TECHNOLOGY	HUB 10 EUROPEAN RESEARCH COUNCIL
9:00 ▶ 9:45		Co-creating the <b>EUROPEAN RESEARCH AREA</b> with the next three presidencies				Mission area: <b>SOIL</b>		How to shape the future of <b>EU-CHINA RELATIONS</b> in R&I cooperation?			#EUFUNDED: Challenges and best practices of public engagement with research
9:45 ▶ 10:15	<b>PRIZE CEREMONY:</b> Horizon Impact Award										
10:30 ▶ 11:15		The future of <b>UNIVERSITIES</b> in Europe: Supporting institutional transformations and the European University initiative	The opportunity to halt <b>BIODIVERSITY</b> loss	Data for <b>HEALTH</b>	How can R&I help to protect, prepare, and transform Europe in a <b>POST-COVID</b> world?				Towards an <b>EUROPEAN INNOVATION COUNCIL FORUM</b>		
11:30 ▶ 12:00	<b>PRIZE CEREMONY:</b> Women Innovators										
12:00 ▶ 12:45		Towards an <b>OPEN SCIENCE VISION</b> for 2030	<b>CLEAN TRANSPORT:</b> Acting now for a green recovery!				Promoting <b>OUTREACH &amp; CO-CREATION</b> with Member States on Horizon Europe Implementation: The way forward		<b>WOMEN REVOLUTIONISING TECH</b>		
12:45 ▶ 13:30	Excellence and inclusiveness a Widening strategy to advancing Europe together										
13:30 ▶ 14:00	<b>BREAK</b>										
14:00 ▶ 14:45			Horizon 2020 <b>EUROPEAN GREEN DEAL CALL</b> Info Day (Presentation of the Call)		<b>EUROPEAN PARTNERSHIPS:</b> Stepping up the game	Mission area: <b>CITIES</b>		<b>GLOBAL CHALLENGES NEED GLOBAL RESPONSE:</b> starting from Covid-19		An European approach to <b>ARTIFICIAL INTELLIGENCE</b>	
15:00 ▶ 15:45	All-inclusive <b>RECOVERY</b> for a stronger Europe										
15:45 ▶ 16:00											
16:00 ▶ 16:45		<b>SCIENTIFIC ADVICE</b> to inform policymaking, balancing speed with certainty on emerging policy challenges		Ethics and Artificial Intelligence in <b>MEDICAL RESEARCH:</b> Can We Have It All?			<b>SYNERGIES:</b> New opportunities to leverage R&I funding and maximize impact			<b>EUROPEAN INSTITUTE OF INNOVATION &amp; TECHNOLOGY REGIONAL INNOVATION</b> Scheme post-2020	
17:00 ▶ 18:00	<b>NOBEL &amp; KAVLI PRIZE LAUREATES</b> on "Blue-sky research to prepare for an uncertain future"										

| Kavli Prize)

	PLENARY	HUB 1 POLICY	HUB 2 GREEN DEAL	HUB 3 DIGITAL	HUB 4 HORIZON EUROPE	HUB 5 MISSIONS	HUB 6 SMART IMPLEMENTATION & SYNERGIES	HUB 7 INTERNATIONAL COOPERATION	HUB 8 EUROPEAN INNOVATION COUNCIL	HUB 9 EUROPEAN INSTITUTE OF INNOVATION & TECHNOLOGY	HUB 10 EUROPEAN RESEARCH COUNCIL
9:00 ▶ 9:30	<b>PRIZE CEREMONY:</b> European Innovation Council Horizon Prize for Affordable High-Tech on Humanitarian Aid										
9:30 ▶ 9:45											
9:45 ▶ 10:15				New <b>SKILLS</b> for New Times	<b>FORESIGHT</b> for a resilient Europe in the post-COVID world	Mission area: <b>CANCER</b>		<b>HORIZON AND MOONSHOT</b> around the same orbit			European Research Council of the future: Creating <b>GIANT LEAPS FOR MANKIND!</b>
10:15 ▶ 10:30											
10:45 ▶ 11:15	<b>PRIZE CEREMONY:</b> iCapital										
11:15 ▶ 11:30											
11:30 ▶ 12:00		Strengthening cross-country and cross-sectoral <b>TALENTS CIRCULATION (ERA4YOU)</b>		Towards a Champions League for Transition to <b>SUSTAINABILITY</b>			Pathways from <b>RESEARCH TO THE MARKET</b>	<b>Towards an innovation agenda for the WESTERN BALKANS</b>	Europe's new <b>RESEARCH INNOVATION FUND</b> : the European Innovation Council Fund		
12:00 ▶ 12:15											
12:30 ▶ 13:00		<b>RESEARCH INFRASTRUCTURES:</b> The engine of the European Research Area		<b>THE FUTURE OF WORK</b>			<b>CRISIS UPON CRISIS:</b> The cumulative effect of crisis on European resilience			Supporting the innovation capacity of <b>HIGHER EDUCATION</b> in Europe	
13:00 ▶ 13:15	A vision of the R&I future Interview with Financial Times (Pre-recorded interview)										
13:15 ▶ 14:00	<b>BREAK</b>										
14:00 ▶ 14:45	<b>SYNERGIES EUROPEAN EDUCATION AREA/ EUROPEAN RESEARCH AREA:</b> Towards a knowledge strategy										
15:00 ▶ 15:45	<b>COVID-19 RESPONSE:</b> the EC making a difference and acting globally										
16:00 ▶ 16:30	<b>WHEN POLICY MEETS SCIENCE:</b> a conversation with an Astronaut										
16:45 ▶ 18:00	<b>CLOSING REMARKS:</b> learning from the past, thinking about the future										





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MINISTRY OF INDUSTRY  
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TÜBİTAK

Teşekkür ederim!

Thank you!



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