# EIC Accelerator Overview & Turkey in H2020/HE Project

PWT14

*Odysseas Spyroglou, KE2*

This project is co-financed by the
European Union and the Republic of Turkey
Bu proje Avrupa Birliği ve Türkiye Cumhuriyeti tarafından
finanse edilmektedir

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

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# Meet the instructor

## Odysseas Spyroglou
## Team Leader / Key Expert 2. Legal, Financial & IPR

- **Innovation consultant** with **engineering**, **ICT** and **financial** background.

- Over **20 years of working experience** in EU funded projects: preparing proposals, building consortia and managing projects under FP7, CIP, COSME, INTERREG, MED, H2020 and more.

- Specialise in **Project Management** & **Quality**, **Intellectual Property** and reengineering **business processes**.

- Designed and delivered more than **300 training sessions on Innovation** Management, IPR, Entrepreneurship, Proposal Writing, Project Management, financial administration.

linkedin.com/in/ospyroglou

**20+** Years

**60+** Projects

**90m+** Funds

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# Our International Team of Experts

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# Horizon Europe and Accelerator

Our approach to helping SMEs ahead of each cut-off date

- **Webinar**
  - General Advice on HE EIC Accelerator

- **Project Writing Training Event**
  - Accelerator Short Application

- **Project Writing Training Event**
  - Accelerator Full Application

- **Project Writing Camp**
  - Dealing with final Q&As on proposals ahead of submission

# Project activities …

## Training Events

- Introductory
- Focus Groups
- IPR
- Access to Risk Finance
- Webinars
- Lobbying
- Project Writing Camps

## SME Support

- 1-to-1 Support
- Project Writing Training
- Pitching Workshop
- Feasibility Reports
- Investment Readiness

## Networking

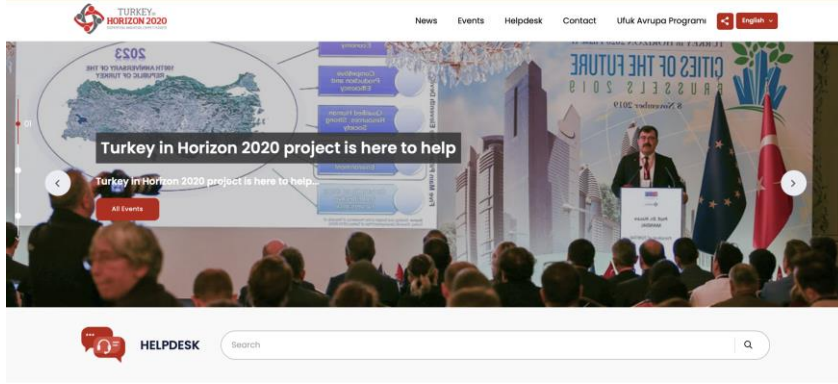- Brokerage Events
- International Study Visits
- Award Ceremonies
- Conferences
- Info Days

## Tools

- Website
- Helpdesk
- Training Guides

# Our Online Presence



https://ufukavrupa.org.tr/en/th2020II

Http://helpdesk.turkeyinh2020.eu

https://www.youtube.com/c/TurkeyinH2020II/

# What we will cover
## EIC Accelerator

**EIC Accelerator Challenges**
- Technologies for Open Strategic Autonomy
- Technologies for 'Fit for 55'

📅 Next Cut-off: 23 March, 15 June and 5 October

*Identified areas of strategic relevance*

- An overview of EIC Accelerator & Horizon Europe Policies

- EIC Work Plan for 2022

- Changes from previous year

- Opportunities & implications for Turkish SMEs

# Some numbers
## Last cut off

**European Innovation Council Accelerator**

Proposals submitted | Cut-off 23 March

**1093** Proposals submitted

**€6.4 B** Total requested budget

**14%** Female-led companies

**66%** Request Blended Finance

**35** Countries

Interviews May

European Innovation Council

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# Vision of Europe

A sustainable, fair and **prosperous** future for **people** and **planet** based on European values.

- Tackling **climate change**

  (35 % budgetary target)

- Helping to achieve **Sustainable Development Goals**

- Boosting the Union's **competitiveness and growth**

# Commission Priorities

Where EC is going to focus the next 4 years.



- **European Green Deal**
  First Climate-neutral continent, resource efficient economy

- **Europe fit for Digital Age**
  Empower people with new generation of Technology

  **Economy that works for People**
  Attractive investment environment, quality jobs

- **Stronger Europe in the World**
  Champion multilateralism and rules-based order

- **Promoting European way of Life**
  Protection of rule of law, justice, core values

- **New push for European Democracy**
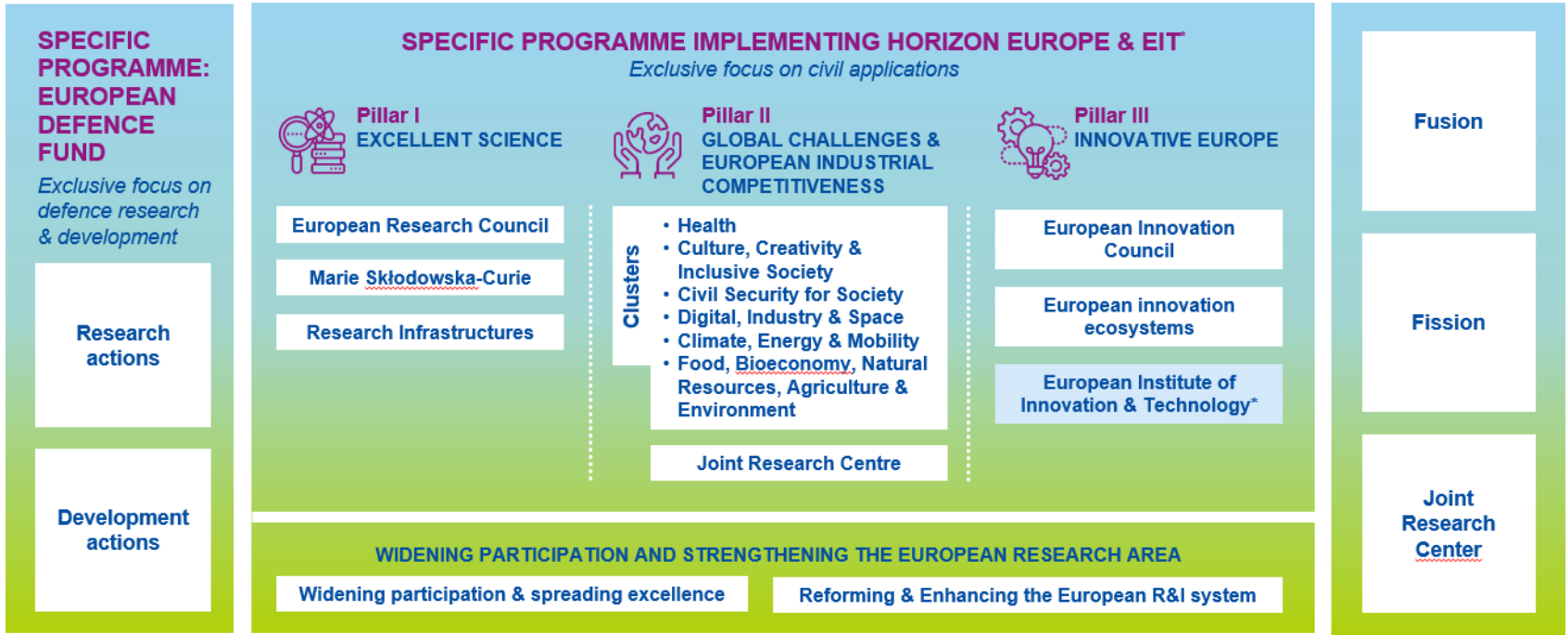  Bigger say to European citizens, protect democracy

Recovery Plan for Europe: Next Gen EU

# Structure of Horizon Europe

## How Horizon Europe is organised



**HORIZON EUROPE**

**EURATOM**

**SPECIFIC PROGRAMME: EUROPEAN DEFENCE FUND**

*Exclusive focus on defence research & development*

- Research actions
- Development actions

**SPECIFIC PROGRAMME IMPLEMENTING HORIZON EUROPE & EIT**

*Exclusive focus on civil applications*

**Pillar I — EXCELLENT SCIENCE**
- European Research Council
- Marie Skłodowska-Curie
- Research Infrastructures

**Pillar II — GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS**

Clusters
- Health
- Culture, Creativity & Inclusive Society
- Civil Security for Society
- Digital, Industry & Space
- Climate, Energy & Mobility
- Food, Bioeconomy, Natural Resources, Agriculture & Environment

Joint Research Centre

**Pillar III — INNOVATIVE EUROPE**
- European Innovation Council
- European innovation ecosystems
- European Institute of Innovation & Technology*

**WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA**
- Widening participation & spreading excellence
- Reforming & Enhancing the European R&I system

**Fusion**

**Fission**

**Joint Research Center**

* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme

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# HE Key Strategic Orientations

Mirroring political priorities of the EU

**A // Digital Transformation**

Promoting an open strategic autonomy by leading the development of key digital, enabling and emerging technologies, sectors and value chains to accelerate and steer the digital and green transitions through human-centred technologies and innovations

**B // Environmental Protection**

Restoring Europe's ecosystems and biodiversity, and managing sustainably natural resources to ensure food security and a clean and healthy environment

**C // Sustainable Development**

Making Europe the first digitally enabled circular, climate-neutral and sustainable economy through the transformation of its mobility, energy, construction and production systems

**D // Resilience & Inclusivness**

Creating a more resilient, inclusive and democratic European society, prepared and responsive to threats and disasters, addressing inequalities and providing high-quality health care, and empowering all citizens to act in the green and digital transitions

Titles outside the boxes are arbitrary, perception of the speaker.

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# 8 Horizontal Topics
## EU Funding Management Modes



Gender equality and inclusiveness

Ethics and integrity

Dissemination and Exploitation (D&E)

Social Sciences and the Humanities (SSH)

Open science practices

Key Enabling Technologies (KET)

Social innovation

EU Taxonomy

² Regulation (EU) 2020/852 on the establishment of a framework to facilitate sustainable investment, and amending Regulation (EU) 2019/2088

- Relevant to all programme components
- Identified in Strategic Plan
- Should be addressed appropriately

# EIC Main Components
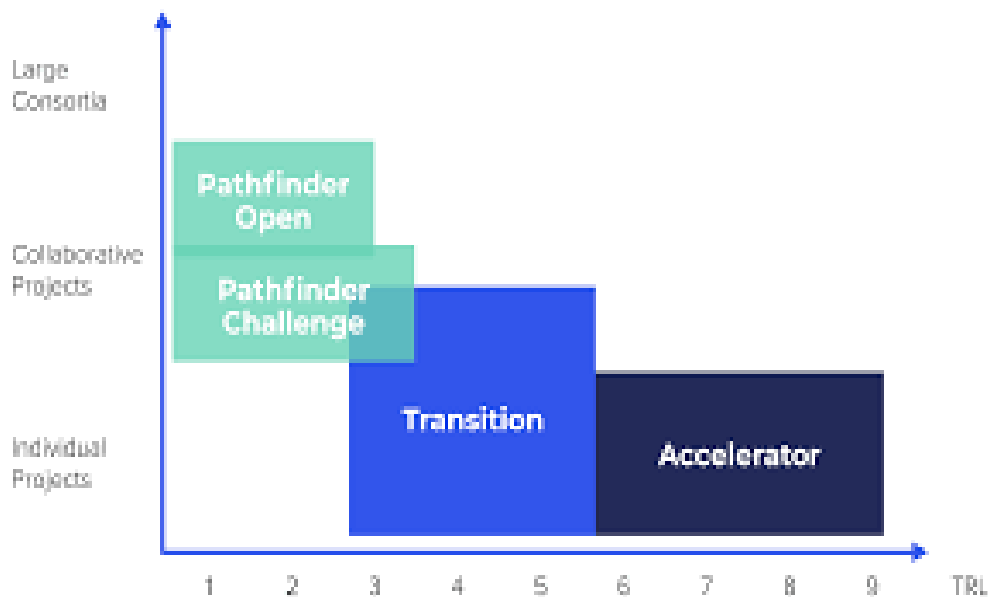


**EIC PATHFINDER**

- multi-disciplinary research teams, undertake visionary research with the potential to lead to technology breakthroughs. [350 million €]

**EIC TRANSITION**

- funding to turn research results into innovation opportunities, worth €131 million. [131 million €]

**EIC ACCELERATOR**

- start-ups and SMEs to develop and scale up high impact innovations with the potential to create new markets or disrupt existing ones. [1.61 billion €]

# EIC Pathfinder Challenges

- Carbon dioxide and nitrogen management and valorisation

- Mid to long term and systems integrated energy storage

- Cardiogenomics

- Towards the Healthcare Continuum: technologies to support a radical shift from episodic to continuous healthcare

- DNA-based digital data storage

- Alternative approaches to Quantum Information Processing, Communication, and Sensing

Latest statistics - 27 October 2021 deadline

| ✓ 403 proposals evaluated | ⊙ 39 projects chosen | 🪙 €145 million total EU contribution |
|---|---|---|
| € €3,7 million average EU grant | 🌐 27 countries | ▲ 214 participants |

# EIC Transition Challenges

- Green digital devices for the future

- Process and system integration of clean energy technologies

- RNA-based therapies and diagnostics for complex or rare genetic diseases

**Cut-off and interview dates**

| | | |
|---|---|---|
| First cut-off | ○ | **4 May** |
| Interview | ○ | **11-15 July** |
| Second cut-off | ○ | **28 September** |
| Interview | ○ | **5-9 December** |

# EIC Accelerator Challenges

- **Technologies for Open Strategic Autonomy**
    - Components, technologies and systems for the pharmaceutical industry;
    - Strategic healthcare technologies (cell and gene therapies, (RNA) based therapies)
    - Sustainable and innovative approaches, critical raw materials (CRM)
    - New applications of quantum technologies
    - Edge computing applications
    - Innovative applications making use of data and signals from EU space infrastructures
    - Development of space technologies
    - Critical security technologies for secure communication, data security and protection of borders
    - Technologies for innovative financial and payment infrastructures and services

- **Technologies for 'Fit for 55'**
    - Higher clean energy conversion and use
    - Decarbonisation of hard-to-abate industries
    - Energy efficiency and safety in the built environment
    - Zero emission mobility solutions
    - Climate neutrality in the land use
    - Water, gas and indoor air management/monitoring systems
    - Green digital technologies

# The funding gap EIC addresses
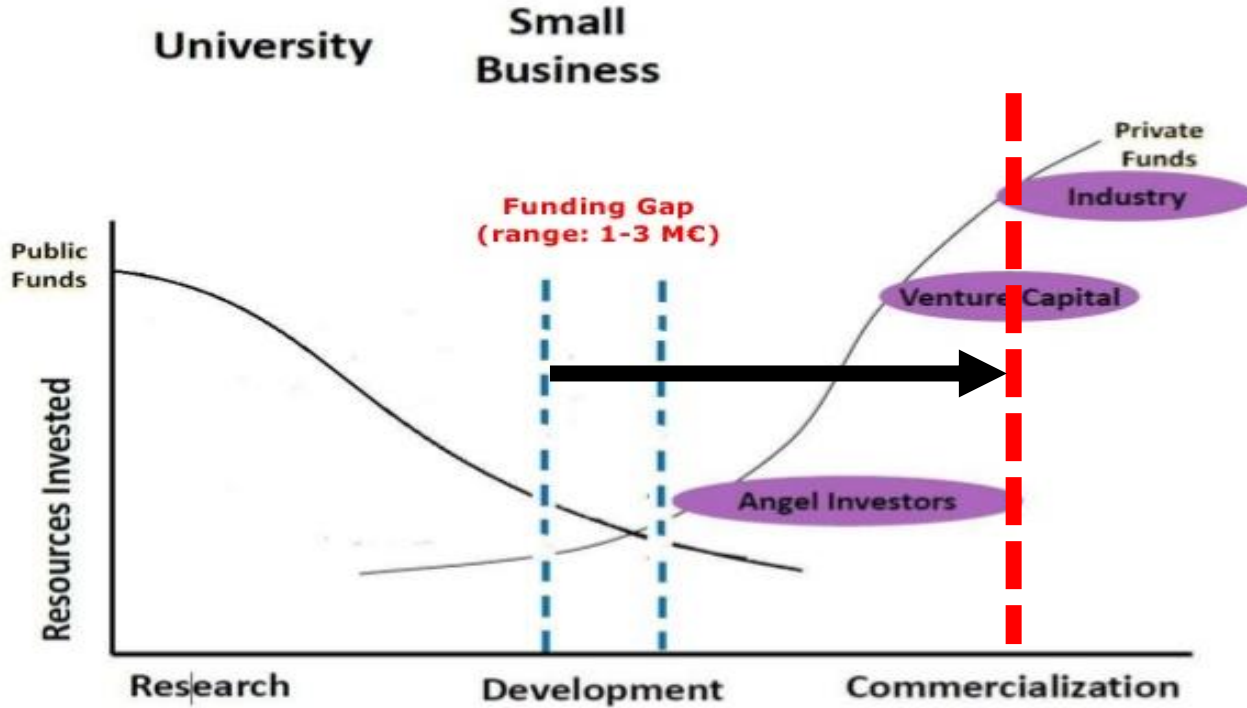
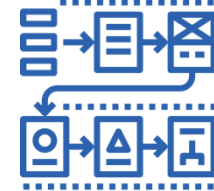# Get ready for EIC Accelerator
## How to prepare for HE

### Study the Documents

- EIC Work Programme 2022
- EIC Accelerator Guide for Applicants

### Learn the tools

- Lean Methodology
- Business Modeling
- Tech Adoption Cycles
- Business Plan
- Data management
- Financial Plan

### Start building

- Study the new Proposal Template
  - Ideation
  - Development
  - Go2Market
- Prepare your concept
- Submit the proposal

# Opportunities for SMEs
## Competitive calls and calls for third parties



https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/competitive-calls

# Wrap it up
## From strategic policies to successful proposals

- EU Vision

- EC Priorities

- SDG Goals

- EIC Open

- EIC Challenges

# Q&A

Time to ask your questions!

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