

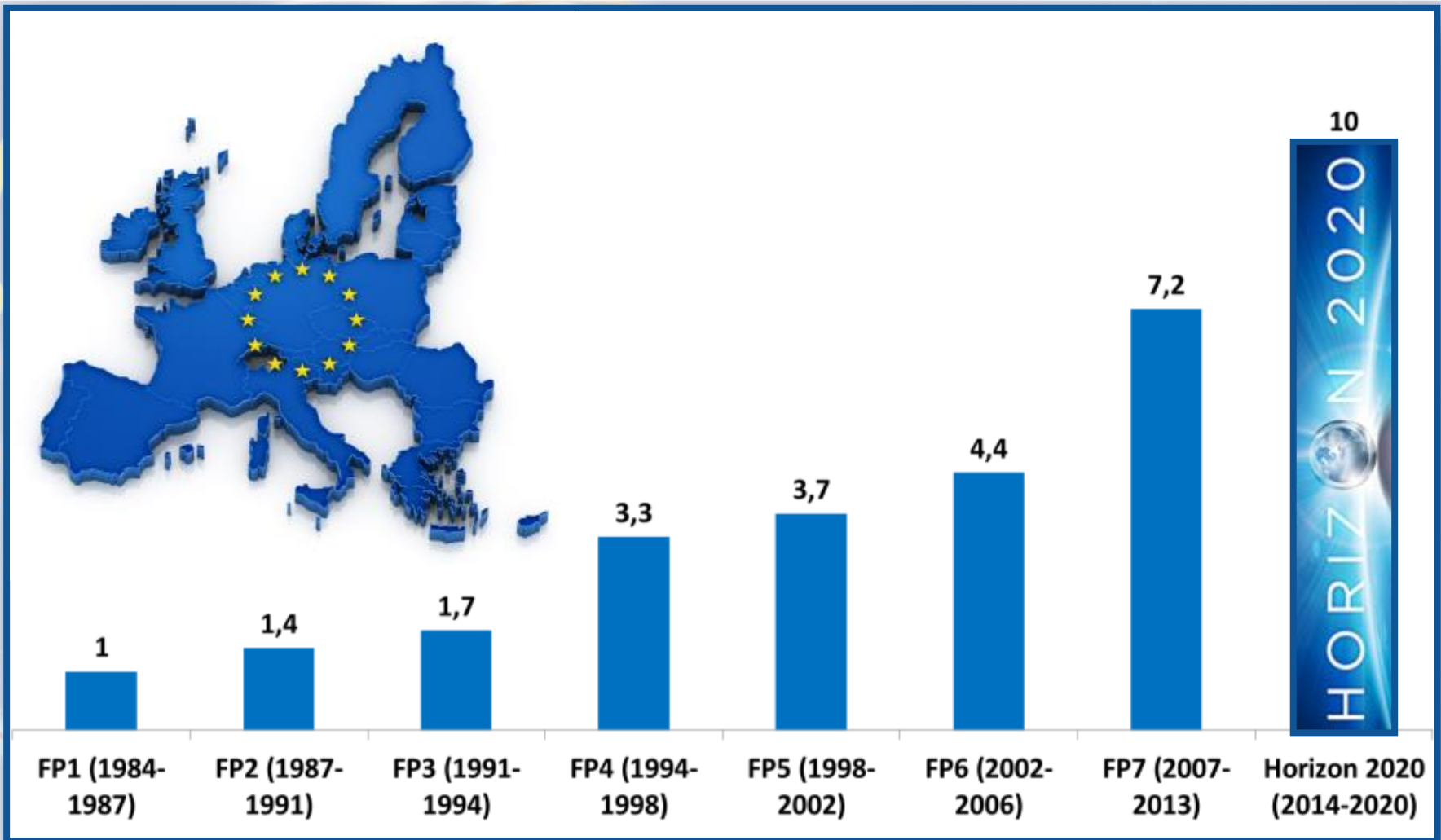


The EU Framework Programmes for Research & Innovation: Horizon 2020 (2014-2020) Horizon Europe (2021-2017)



**EU-Uzbekistan cooperation in
researchers' mobility &
training webinar, 15 July 2020**

30 years of EU funded R&I



Amount in billions € per year

HORIZON 2020

HORIZON 2020

The logo for Horizon 2020 features a stylized globe of the Earth positioned on a horizon line. The globe is illuminated from behind, creating a bright glow and radiating light rays that extend across the top of the image. The words "HORIZON 2020" are written in large, white, sans-serif capital letters across the center, with the globe acting as the letter 'O' in "HORIZON".

- 2014 – 2020
- Nearly EUR 80 billion
- Multiannual Work Programmes
- Collaborative projects; Researcher mobility; Single-beneficiary grants; Coordination and support actions; ...

What is the EU's Horizon 2020 programme?

- **Almost €80 billion (current prices) research and innovation funding programme (2014-2020)**
- **A core part of Europe 2020, Innovation Union & European Research Area**
 - Investing in future jobs and growth
 - Addressing concerns about livelihoods, safety and environment
 - Strengthening the EU's global position in research, innovation and technology
- **Coupling research to innovation** – from research to retail, all forms of innovation
- **Focus on societal challenges** facing EU society, e.g. health, clean energy, transport, climate change, food security and others
- **Open for participation** to all companies, universities, institutes in all EU countries and everywhere in the world!

H2020: Funding processes

- Overall **research priorities** defined in the "EU Research & Innovation Framework Programmes" – currently Horizon 2020 (2014-2020). Published work programmes with list of topics.
- **Annual calls for proposals** on topics defined jointly by the European Commission and EU Member States (in the so-called Programme Committees) upon input from the scientific advisory board and the scientific communities regularly consulted.
- **Evaluation of applications** by panels of independent experts (3 evaluation criteria: Science & Technology; Expected Impact, Implementation & Management).
- From call for proposal submission deadline to **grant signature**: max. 8 months.
- **Financial commitments/disbursements**: Pre-financing followed by annual disbursements (on costs incurred).
- **Monitoring projects** activities by EC staff (with addition of independent experts if necessary).

Horizon 2020: structure

Excellent Science

European Research Council

Future and Emerging Technologies

Marie Skłodowska-Curie actions

Research infrastructures

Industrial Leadership

Leadership in enabling and industrial technologies

(ICT, nano, materials, biotech, manufacturing, space)

Access to risk finance

Innovation in SMEs

Societal Challenges

Health

Food

Energy

Transport

Climate

Inclusive societies

Security

Horizon 2020 Prizes, Science for Society, Spreading Excellence, JRC, EIT, Euratom

Horizon 2020: open to the world

Horizon 2020 is open to participation from across the world:

- Science is global and collaborative
- Global challenges require global cooperation
- Value chains become international
- Science (in and for) diplomacy

Automatic EU funding for their participation in R&I actions for:

- ✓ EU Member States (including overseas departments and overseas territories)
- ✓ Associated Countries, such as Israel, Moldova, Norway, Serbia, Turkey, Switzerland, ...
- ✓ exhaustive list of countries in annex to work programme, including Uzbekistan (!)

Horizon 2020 call of particular interest to Central Asia - Energy

Demonstration of innovative and sustainable hydropower solutions targeting unexplored small-scale hydropower potential in Central Asia: <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/lc-sc3-res-34-2020>

Topic identifier: LC-SC3-RES-34-2020

Type of action: IA Innovation action

Planned opening date: 05 May 2020

Deadline for proposal submission: 01 September 2020

Planned EU contribution: up to € 10 million

Horizon 2020 call of particular interest to Central Asia - Energy

Scope: Projects will demonstrate innovative hydropower equipment exploiting unexplored small-scale hydropower potential in Central Asia up to 10 MW installed capacity by means of sustainable and cost-effective small-scale hydropower solutions. The demonstration activities shall take place in Central Asia (Kazakhstan, the Kyrgyz Republic, Tajikistan, Turkmenistan or Uzbekistan), with participation of local partners*.

Proposals are expected to bring the technology from TRL 6-7 to 7-8.

*The Commission considers that proposals requesting a contribution from the EU of **between EUR 7 to 10 million** would allow this challenge to be addressed appropriately.*

Consortium requirements: in addition to the minimum number of participants, proposals must include at least two legal entities established in one of the following Central Asian countries: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan.

*Roles of local partners can include for example innovation activities, involvement of communities, dissemination, sustainability assessment etc.

Horizon 2020: benefits of participation

"Участие в Рамочной программе ЕС помогло нашему университету значительно увеличить число совместных публикаций в международных научных журналах..."

"Thanks to this experience we became part of the world-leading scientific network in our area. It served well to building our international reputation..."

"Благодаря участию в проекте, мы смогли вывести свои технологии и ноу-хау на мировой рынок. Это стало качественным скачком в развитии нашей деятельности..."

"We were able to benchmark results of our research activities at the world level..."

"Участие в проектах научной программы ЕС – это международный знак качества, признание высокого уровня проводимых исследований..."

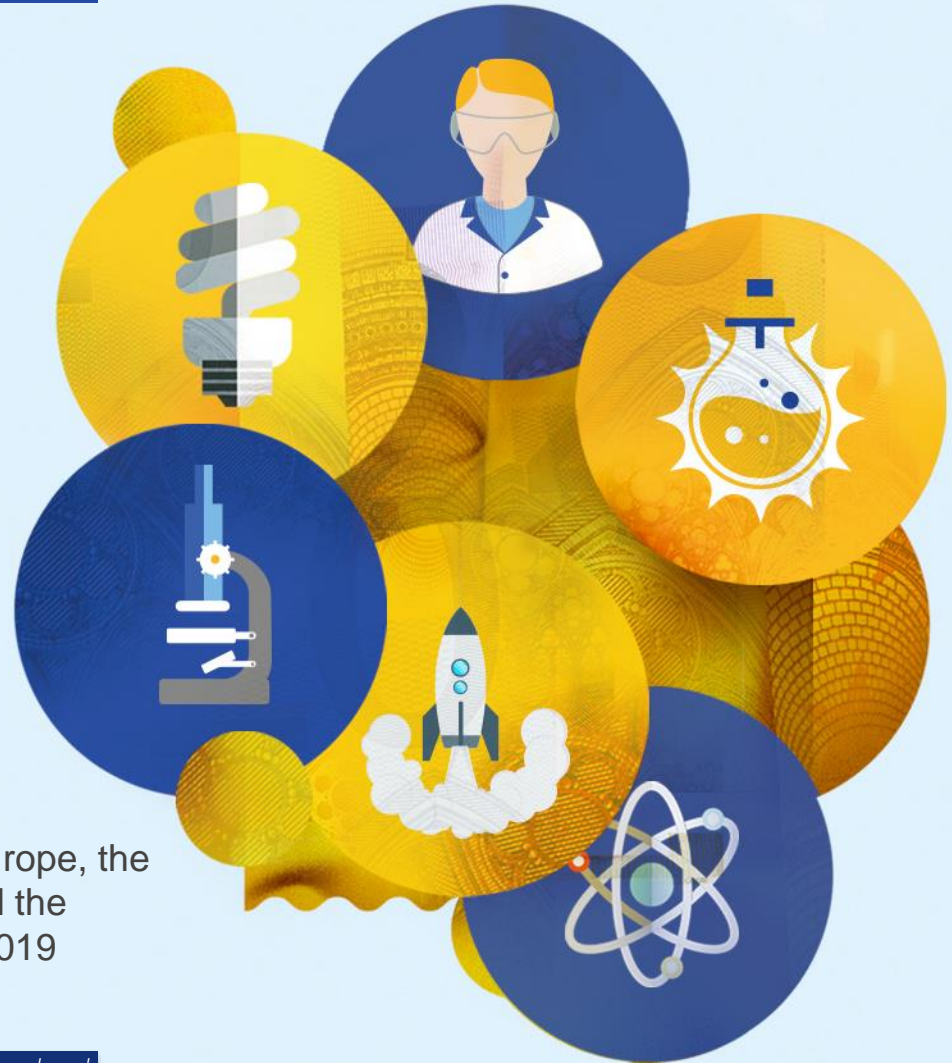
"Unsere Teilnahme an dem Projekt des Rahmenprogramms hat uns Zugang zu erstklassigen Daten und Forschungseinrichtungen gegeben..."

Horizon Europe

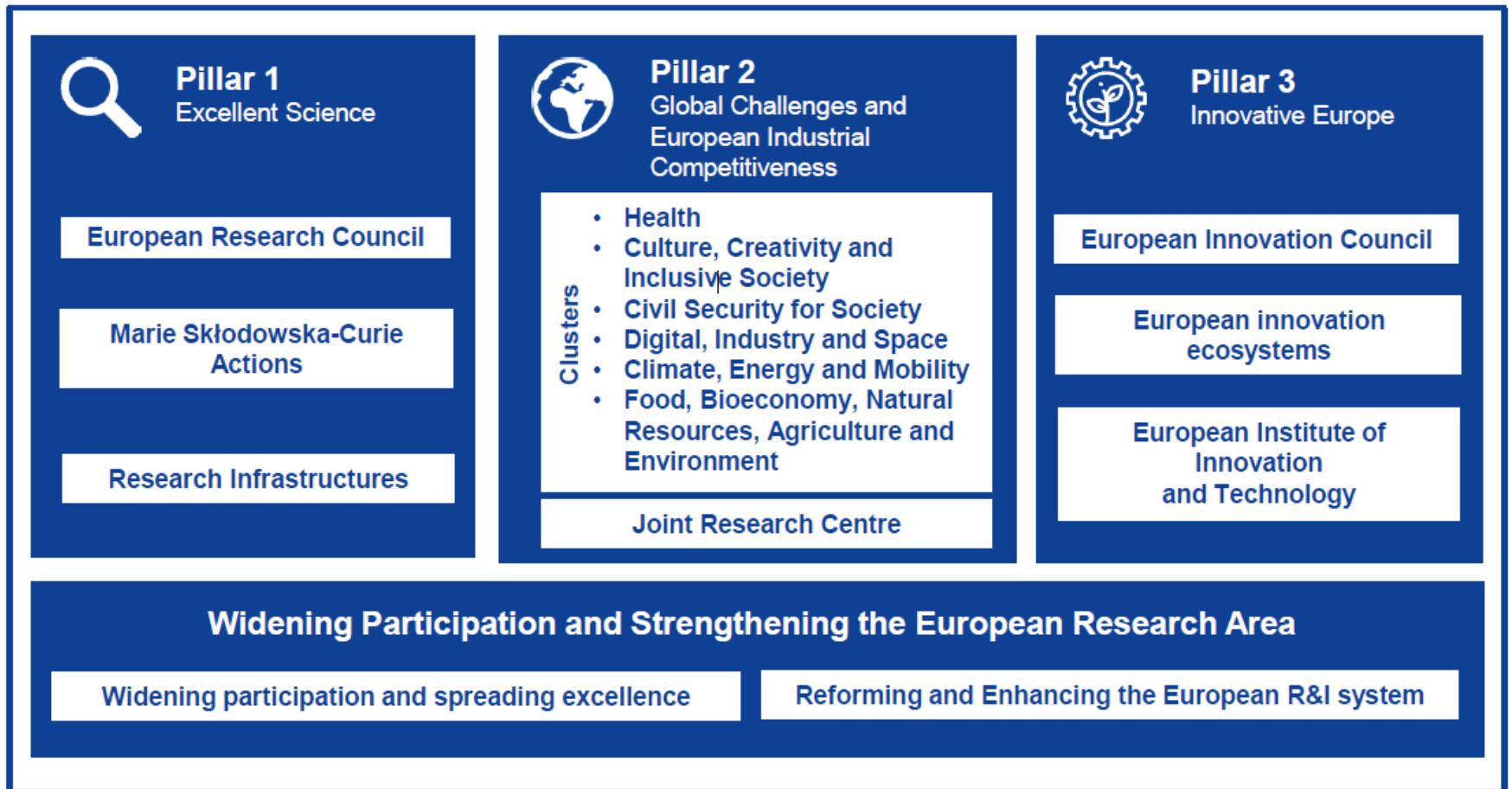
THE NEXT EU RESEARCH & INNOVATION
INVESTMENT PROGRAMME (2021 – 2027)

#HorizonEU

Based on the Commission Proposal for Horizon Europe, the common understanding between co-legislators and the Partial General Approach, both approved in April 2019



Horizon Europe: Preliminary structure



For further information

- **Horizon 2020 Funding Portal**

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/programmes/h2020>

- **Horizon 2020 Helpdesk**

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/support/helpdesks;programCode=H2020>

- **Expert evaluators needed!**

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/work-as-an-expert>

- **Learn more about Horizon 2020**

<http://ec.europa.eu/horizon2020>



Thank you!

Find out more:

www.ec.europa.eu/research