



Bundesministerium
für Bildung
und Forschung



The new framework programme for research and innovation Horizon Europe

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Outlook on Horizon Europe (HEU)



- *The given information reflects the current state of the (still) on-going discussion on HEU.*
- *Until the adoption of HEU and the corresponding work programmes, changes WILL occur.*

→ Therefore, we assume no responsibility if information from this talk is used for future proposals or other activities.



Political background

A European Green Deal

- Transforming Europe into a climate neutral continent until 2050
- Creating a sustainable European economy

→ https://ec.europa.eu/info/strategy/priorities-2019-2024/european-green-deal_de

A Europe fit for the digital age

- Facilitate a data-agile economy

→ https://ec.europa.eu/info/strategy/priorities-2019-2024/europe-fit-digital-age_de



Guiding principles of Horizon Europe & the six priorities of the EU-KOM

- Green** Support the development towards a climate neutral continent
- Digital** Promote Digitalisation
- Innovative** Investing in new knowledge and its transfer into industry
- Open** Open for the international partners
- Resilient** Research for an increase resilience of economy and society
- Participative** Increase the participation of citizens



Continuation from Horizon 2020

- **Consortium:** At least three legal entities from different MS or AS; at least one MS entity needed
- **Funding instruments and rates:**
 - RIA, CSA: 100 % of direct costs + 25 % overhead
 - IA: 60 % of direct costs (100 % for „non-profit“) + 25 % overhead
- **Evaluation criteria:** Excellence, Impact and Implementation (ratios as given in the work programmes)
- **Model Grant Agreement:** Updated Model Grant Agreement based on the H2020 version



New in Horizon Europe

- **European Innovation Council (EIC):** Supporting ground-breaking Innovation
- **Missions:** Increased impact through impact guidance and citizen investment
- **InvestEU:** Risk finance for non-research parts as in H2020
- **Open Science:** Increased Openness for better transfer and uptake of results
- **Less partnerships instruments:** increased transparency
- **International Partner:** increased opportunities for participation
- **Full proposal:** 45 pages
- **Evaluation:** Blind evaluation as a test-case (only for two-stage proposals)
- **WP 2021/22:** only one-stage proposals



Horizon Europe – budget and duration

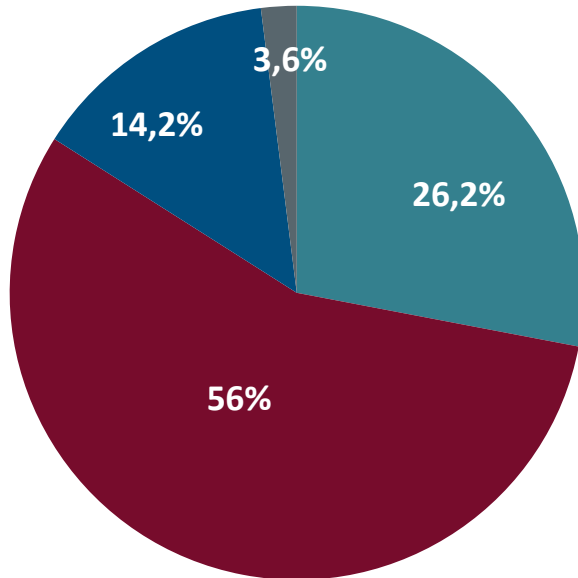
Duration: 2021 – 2027

Budget: 95.5 B€





Horizon Europe – budget allocation



Source: EU Kommission

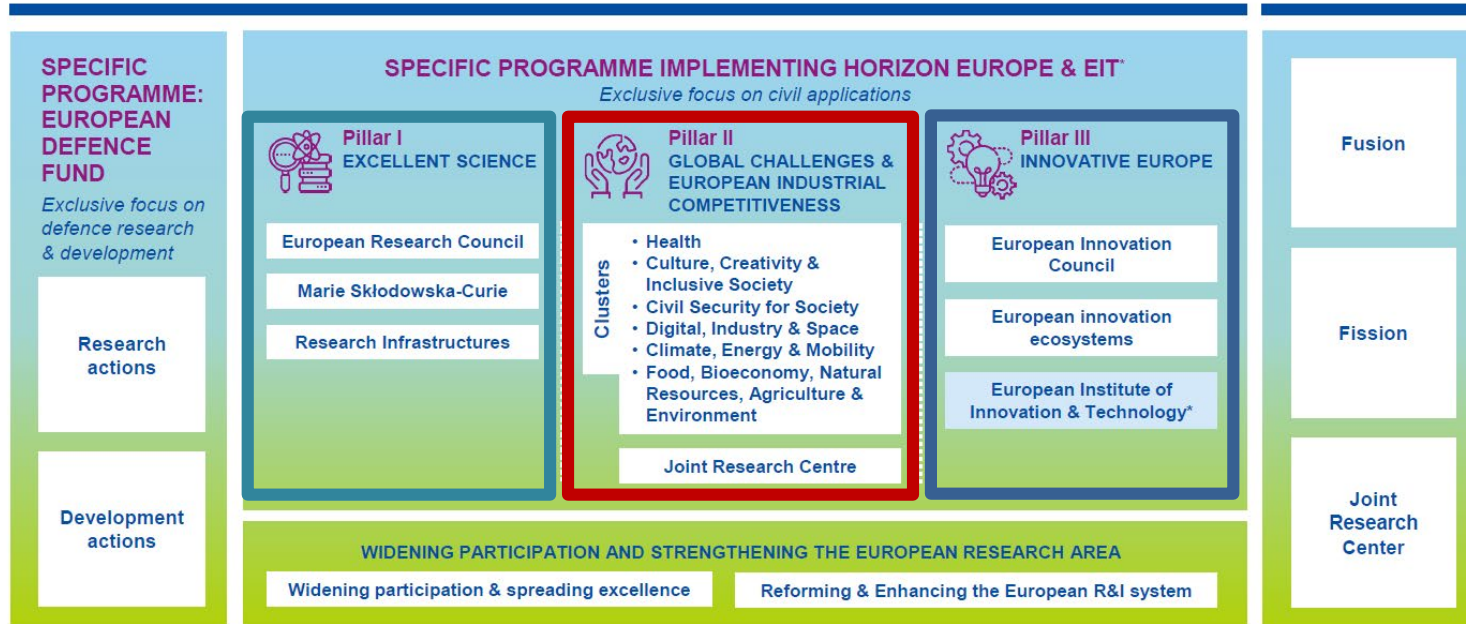
Total budget 95.5 B€

-  **Pillar 1 – Excellent Science: 25.0 B€**
-  **Pillar 2 – Global Challenges and European Industrial Competitiveness: 53.5 B€**
-  **Pillar 3 – Innovative Europe: 13.6 B€**
-  **Widening participation and strengthening the European Research Area: 3.4 B€**



HORIZON EUROPE

EURATOM



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



Pillar 1 – Excellent Science

Aim:

- Strengthen excellent **fundamental** and „**pioneer**“ **research**
- Educate, bind and recover **talents** from science and innovation-oriented research in the European Research Area
- Connect and upgrade existing **research infrastructures** in the European Research Area



Pillar 2 – Global Challenges and European Industrial Competitiveness

Aim:

- Oriented towards the political priorities of the EU Commission (sustainability, climate protection, digitalisation, security, employment and growth)
- Contribute in a sustainable development as outlined in Agenda 2030 and the Paris international climate agreement
- Generation of knowledge
- Funding of all kinds of innovation
- Implementation partially done by European partnerships and missions



Missions as a new concept

- **Aiming for an increased impact through impact guidance and citizen investment**
- Ambitious, crossing disciplines and sectors
- Timely limited and have a well-defined end
- Located in an own part of the work programme that pools calls on a specific topic on a larger societal challenge



Mission topics

Adoption to climate change incl. social transformation

Cancer

Healthy oceans, seas, coastal and inland waters

Soil health and food

Climate neutral and smart cities

**Mission Boards prepares
preparatory measures**



Pillar 3 – Innovative Europe

Aim:

Promote technological development by demonstration and knowledge transfer to market

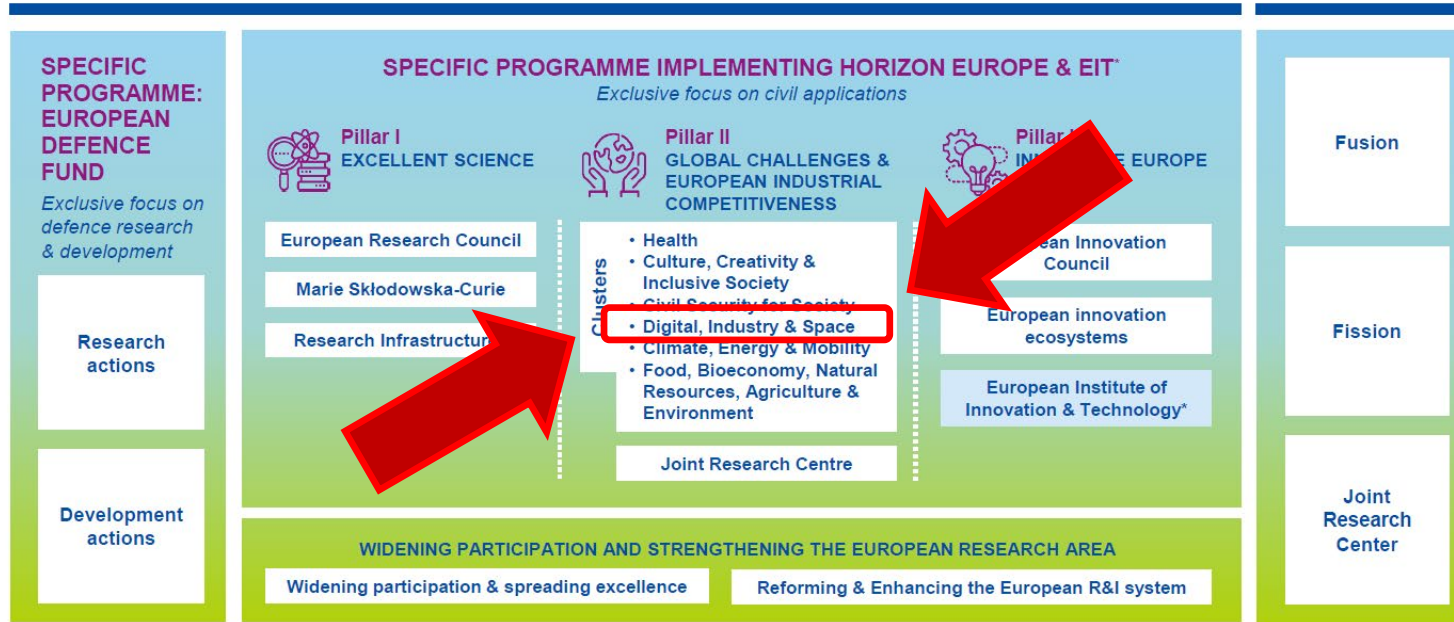
Pillar 3 consists of three components:

- European Innovation Council (EIC)
- European Innovation Ecosystems (EIE)
- European Institute of Innovation and Technology (EIT)



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Work programme 2021/2022 Cluster 4

Destination 1	Climate neutral, circular and digitised production
Destination 2	Increased autonomy in key strategic value chains for resilient industry
Destination 3	World leading data and computing technologies
Destination 4	Digital and emerging technologies for competitiveness and fit for the green deal
Destination 5	Open strategic autonomy in developing, deploying and using global space-based infrastructures, services, applications and data
Destination 6	A human-centred and ethical development of digital and industrial technologies



Implementation strategy of Horizon Europe



EU Brokerage Event on Industrial KET* in Horizon Europe

*Key Enabling Technologies

11th May 2021 • online

Conference &
Bilateral/B2B Meetings

Calls
2021 - 2022

11 May 2021

Virtual, Germany

EU Brokerage Event on KETs
in Horizon Europe 2021

[Home](#) [How does it work?](#) [Agenda](#) [Contact](#)

EU Brokerage Event on KET* in Horizon Europe

Focus on (*) Key Enabling Technologies

8th Edition and French-German co-organisation ...

The **National Contact Points** (NCPs) Network and **Enterprise Europe Network** (EEN) of **IMG - Rheinland-Pfalz** in collaboration with **Enterprise Europe Network Grand E-nov** co-organise the 8th edition of KETs' EU Brokerage Event.

This event is dedicated to the Key Enabling Technologies in the new Framework Programme for Research and Innovation "**Horizon Europe**" and will target upcoming calls.

[Register now](#)

Open until 11 May 2021

LOCATION

Virtual, Germany

ORGANISED BY



<https://kets2021.b2match.io>