

Horizon Europe (2021-2027)

Version: April 2023 // Contact: André Schulte

I. Excellent Science

European Research Council (ERC)

Marie Skłodowska-Curie Actions (MSCA)

Research Infrastructures (RI)

II. Global Challenges and European Industrial Competitiveness

Clusters

- Health
- Culture, Creativity and Inclusive Society
- Civil Security for Society
- Digital, Industry and Space
- Climate, Energy and Mobility
- Food, Bio-economy, Natural Resources, Agriculture and Environment

+ ca. 50 Partnerships across Clusters

Missions (targets until 2030)

- Cancer
- Adaptation to Climate Change
- Climate-Neutral and Smart Cities
- Restore our Ocean and Waters
- A Soil Deal for Europe

JRC non-nuclear direct actions

III. Innovative Europe

European Innovation Council (EIC)

1. Pathfinder
2. Transition
3. Accelerator
4. Other activities

European Innovation Ecosystems

- Coordinate innovation activities
- Co-fund joint programmes
- Other activities

European Institute of Innovation & Technology (EIT)

- 9 KICs running
- 1 new KIC will be launched
- Support for regions and HEIs

IV. Widening Participation and Strengthening the European Research Area

Widening Participation and Spreading Excellence

Teaming; Twinning; ERA Chairs; COST; other activities

Reforming and Enhancing the EU R&I System

e.g. Open Science; gender equality; ethics & integrity

Horizon Europe (2021-2027)

II. Global Challenges and European Industrial Competitiveness – Clusters

Health	Culture, Creativity and Inclusive Society	Civil Security for Society	Digital, Industry and Space	Climate, Energy and Mobility	Food, Bio-economy, Natural Resources, Agriculture and Environment
<ul style="list-style-type: none"> a) Health throughout the life course b) Environmental and social health determinants c) Non-communicable and rare diseases d) Infectious diseases, including poverty-related and neglected diseases e) Tools, technologies and digital solutions for health and care, incl. personalised medicine f) Health care systems 	<ul style="list-style-type: none"> a) Democracy and Governance b) Cultural heritage c) Social and economic transformations 	<ul style="list-style-type: none"> a) Disaster-resilient societies b) Protection and security c) Cyber security 	<ul style="list-style-type: none"> a) Manufacturing technologies b) Key digital technologies c) Emerging enabling technologies d) Advanced materials e) Artificial intelligence and robotics f) Next generation internet g) Advanced computing and big data h) Circular industries i) Low-carbon and clean industries j) Space, including earth observation 	<ul style="list-style-type: none"> a) Climate science and solutions b) Energy supply c) Energy systems and grids d) Buildings and industrial facilities in energy transition e) Communities and cities f) Industrial competitiveness in transport g) Clean, safe and accessible transport and mobility h) Smart mobility i) Energy storage 	<ul style="list-style-type: none"> a) Environmental observation b) Biodiversity and natural resources c) Agriculture, forestry and rural areas d) Seas, oceans and inland waters e) Food systems f) Bio-based innovation systems in the EU bio-economy g) Circular systems

Version: April 2023 // Contact: André Schulte

Abbreviations:

Cooperation in Science and Technology (COST)
 Joint Research Centre (JRC)

European Research Area (ERA)
 Knowledge and Innovation Communities (KICs)

Higher Education Institutions (HEIs)
 Research & Innovation (R&I)