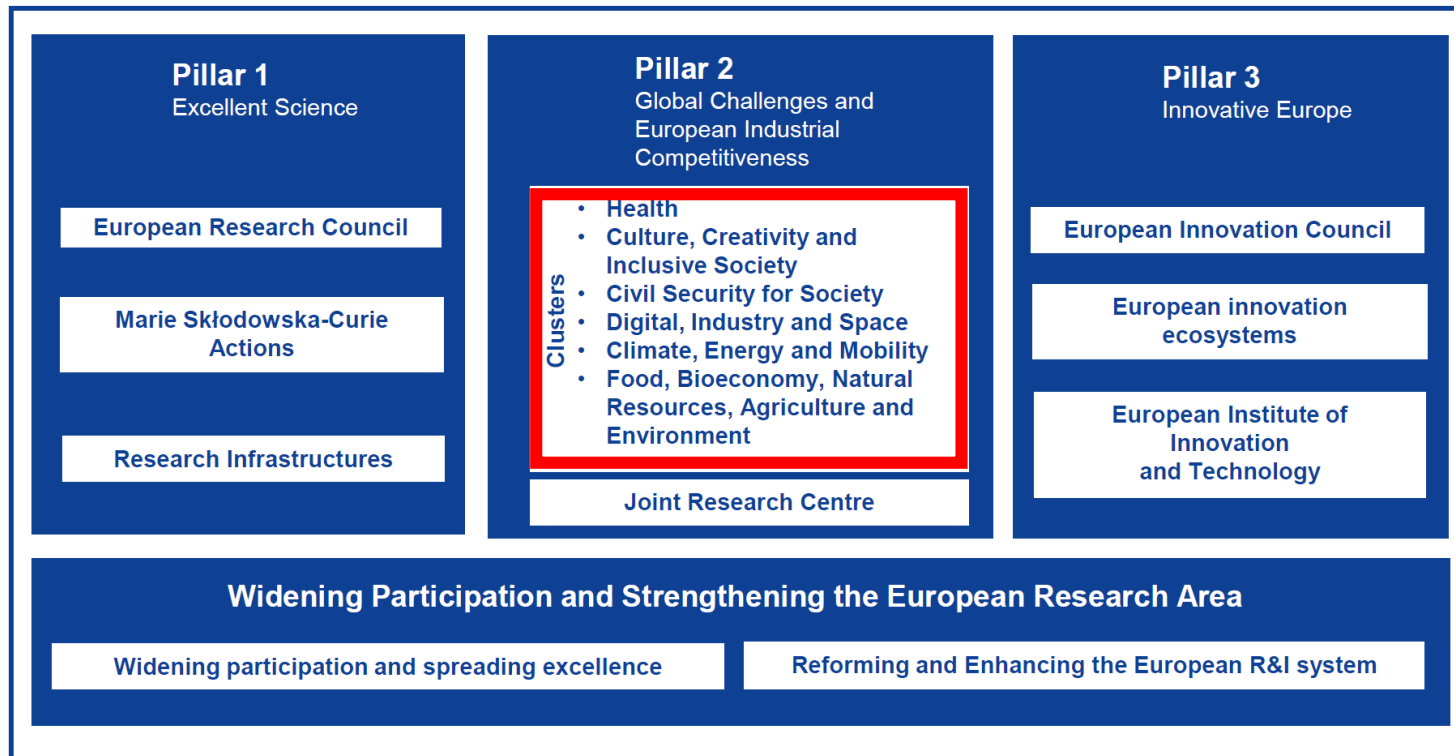


Funding opportunities on Horizon Europe

Cluster 1: Health and Mission Cancer



Horizon Europe: structure

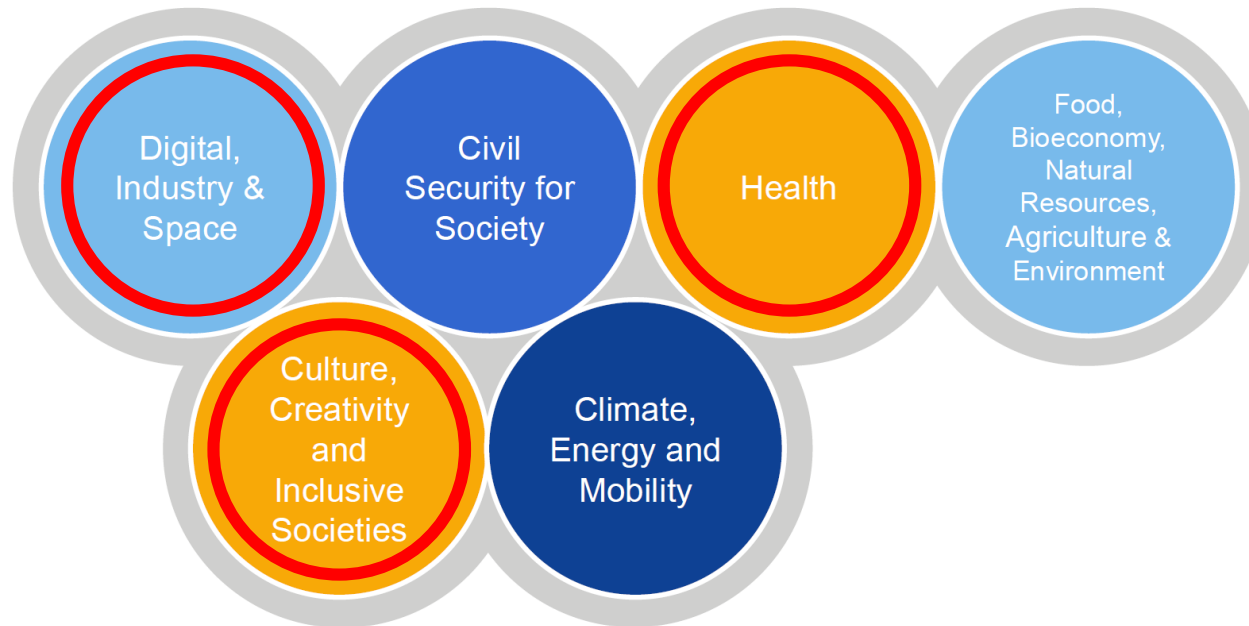


“Evolution, not revolution”

Pillar 2 - Clusters

Global Challenges & European Industrial

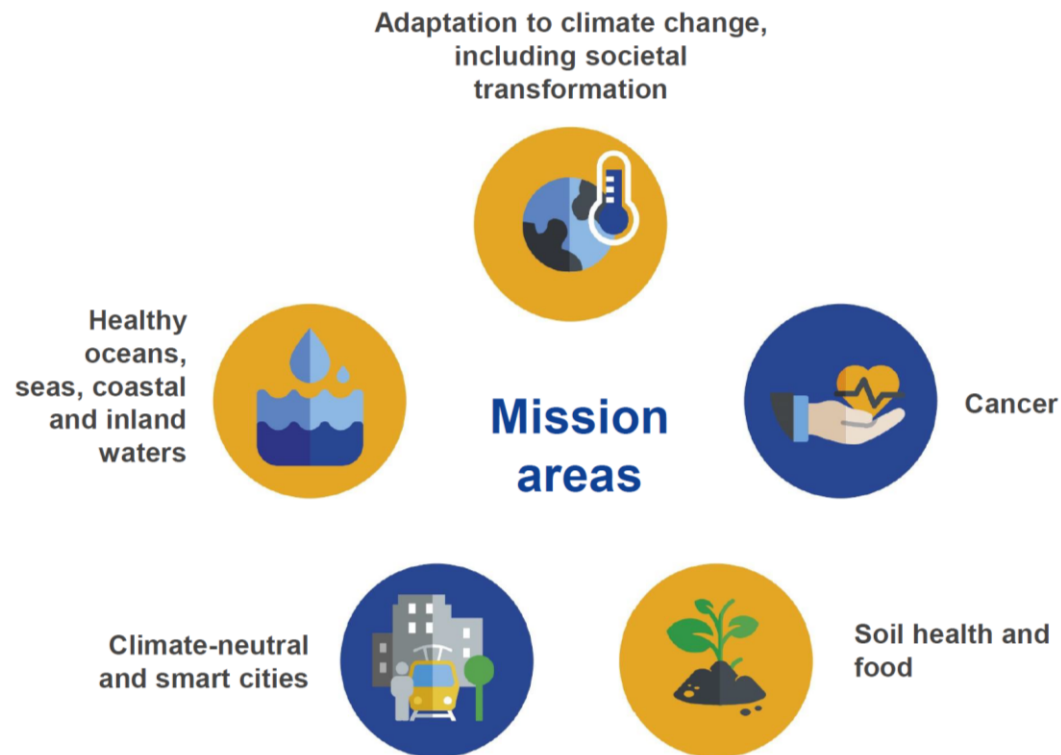
Competitiveness: boosting key technologies and solutions underpinning EU policies & Sustainable Development Goals



R&I Missions

Relating EU's research and innovation better to society and citizens' needs; with strong visibility and impact

A mission is a portfolio of actions across disciplines intended to achieve a **bold and inspirational and measurable goal** within a set timeframe, with **impact** for society and policy making as well as relevance for a significant part of the European population and wide range of European citizens.



Funding opportunities under Horizon Europe are set out in work programmes.

Work programmes for Horizon Europe (and other Reference Documents) are published on the [Funding and Tenders Portal](#):

The screenshot shows the homepage of the 'Funding & tender opportunities' portal. At the top left is the European Commission logo. The main header includes the text 'Funding & tender opportunities' and 'Single Electronic Data Interchange Area (SEDIA)'. On the right, there are language options (English EN) and buttons for 'Register' and 'Login'. A dark blue navigation bar contains a home icon and menu items: 'SEARCH FUNDING & TENDERS', 'HOW TO PARTICIPATE', 'PROJECTS & RESULTS', 'WORK AS AN EXPERT', and 'SUPPORT'. Below the navigation bar, there is a section titled 'Find calls for proposals and tenders' with a search input field and a yellow 'Search' button. To the right of the search bar are three buttons: 'ERA corona platform', 'Brexit info', and 'Report fraud'. A 'News' section on the right lists two recent events: a webinar on May 27, 2021, and another on April 28, 2021. A grid of 'EU Programmes' is displayed below the search bar, listing various funding areas such as Asylum, Migration and Integration Fund (AMIF), Border Management and Visa Instrument (BMVI), Customs Control Equipment Instrument (CCEI), Citizens, Equality, Rights and Values Programme (CERV), Creative Europe (CREA), Customs Programme (CUST), Digital Europe, Europe Direct (ED), European, European Solidarity, Erasmus+, and European Social.

European Commission | Funding & tender opportunities
Single Electronic Data Interchange Area (SEDIA)

English EN
Register Login

SEARCH FUNDING & TENDERS HOW TO PARTICIPATE PROJECTS & RESULTS WORK AS AN EXPERT SUPPORT

Find calls for proposals and tenders

ERA corona platform Brexit info Report fraud

Search calls for proposals and tenders by keywords, programmes... Search

EU Programmes

Asylum, Migration and Integration Fund (AMIF)	Border Management and Visa Instrument (BMVI)	Customs Control Equipment Instrument (CCEI)	Citizens, Equality, Rights and Values Programme (CERV)	Creative Europe (CREA)	Customs Programme (CUST)
Digital Europe	Europe Direct (ED)	European	European Solidarity	Erasmus+	European Social

News

05 May, 2021
Webinar 'The Funding & Tenders Portal for beginners', 27 May 2021, 10.00 CEST
The Funding & Tenders Portal is the single gateway for participants in many EU funding programmes and procurement actions. This webinar is addressed in the ...

22 Apr, 2021
Webinar on cost accounting in Horizon 2020 grants, with focus on beneficiaries outside the EU Member States, 28 April 2021, 10:00 CEST
The Commission organises a webinar on 28 April 2021 from 10:00 to 12:00 (CEST, Brussels time), dedicated to the rules for reporting costs in grants under Horizo...

The final WPs (with the exception of ERC and EIC which have already been published) are not expected to be published until the end of May.

Calls 2021 (all single stage): New delay in the publication of the first calls. They are scheduled for late May or early June. Deadline dates will be maintained as planned: **September 21st 2021**

Calls 2022: Opening: 06 Oct 2021, Deadline(s): 21 Apr 2022 (Single Stage), 01 Feb 2022 (First Stage), 06 Sep 2022 (Second Stage)

[Health Work programme](#)

What's new compared to Horizon 2020

New distribution in the text of the call: **Destinations**

Cluster 1 Health: destinations



1. Staying healthy in a rapidly changing society.

2. Living and working in a health-promoting environment.



3. Tackling diseases & reducing disease burden.

4. Ensuring access to innovative, sustainable & high-quality Healthcare.



5. Unlocking the full potential of new tools, technologies and digital solutions for a healthy society.

6. Maintaining an innovative, sustainable & globally competitive health industry.



Destination 1: Staying healthy in a rapidly changing society

The aim is to provide new evidences, methodologies and tools for understanding the transition from health to disease, preventing diseases and promoting health inclusive through social innovation approaches.

4 Calls 2021 (single stage):

- Towards a **molecular and neurobiological understanding of mental health** and mental illness for the benefit of citizens and patients (RIA)
- Healthy Citizens 2.0 - Supporting digital empowerment and health literacy of citizens (CSA)
- A roadmap for personalised prevention (CSA)
- Mobilising a network of National Contact Points (NCPs) for the Health Cluster (CSA)

3 Calls 2022 (two stage):

- **Boosting mental health** in Europe in times of change (RIA)
- Trustworthy **artificial intelligence (AI) tools to predict the risk of chronic non-communicable diseases** and/or their progression (RIA)
- **Prevention of obesity** throughout the life course (RIA)

1 Call 2022 (single stage):

- Personalised blueprint of **chronic inflammation** in health-to-disease transition (RIA)

Destination 2: Living and working in a health-promoting environment

Understanding of the environmental, occupational and socio economic risk factors for health and well being and improving economic assessments

3 Calls 2021 (single stage): Environment and health

- **Exposure to electromagnetic fields** (EMF) and health (RIA)
- **Indoor air quality** and health (RIA)
- Health impacts of **climate change** costs and benefits of action and inaction (RIA)

1 Call 2021 (single stage): Partnerships in Health

- European partnership for the assessment of risks from chemicals (PARC)

1 Call 2022 (single stage):

- Methods for **assessing health-related costs of environmental** stressors (RIA)

Destination 3: Tackling diseases and reducing disease burden

It will focus on major societal challenges linked to the Commission's political priorities such as the fight against **cancer** and other non communicable diseases, better diagnosis and treatment of rare diseases, preparedness and response to and surveillance of health threats and epidemics, reduction of the number of antimicrobial resistant infections, improving vaccination rates, demographic change, mental health and digital empowerment in health literacy.

7 Calls 2021 (single stage):

- Improved supportive, palliative, survivorship and end-of-life **care of cancer patients** (RIA)
- Building a European innovation platform for the **repurposing of medicinal products** (RIA)
- Innovative approaches to enhance **poverty related diseases research in sub-Saharan Africa** (RIA)
- **Clinical validation of artificial intelligence** (AI) solutions for treatment and care (RIA)
- **Personalised medicine and infectious diseases**: understanding the individual host response to viruses (e.g. SARS-CoV-2) (RIA)
- A roadmap towards the creation of the European partnership on One Health antimicrobial resistance (OH AMR) (CSA)
- Building a European partnership for pandemic preparedness (CSA)

Destination 3: Tackling diseases and reducing disease burden

3 Calls 2022 (two stage):

- Pre-clinical development of the next generation of **immunotherapies** for diseases or disorders with unmet medical needs (RIA)
- **Vaccines 2.0** - developing the next generation of vaccines (RIA)
- Development of new effective **therapies for rare diseases** (RIA)

3 Calls 2022 (single stage):

- Pandemic preparedness - Placeholder (RIA)
- **Non-communicable diseases risk reduction** in adolescence and youth (RIA)
- Support for the functioning of the Global Research Collaboration for Infectious Disease Preparedness (GloPID-R) (CSA)

1 Call 2022 (single stage): Partnerships in Health

- European partnership fostering a European Research Area (ERA) for health research – Placeholder

Destination 4: Ensuring access to innovative, sustainable and high quality health care

Modernising health care systems in the EU; Improving the quality of health care; Supporting evidence based health care decisions; Development and uptake of innovative health care services and solutions.

3 Calls 2021 (single stage):

- **Enhancing quality** of care and patient safety (RIA)
- **Data-driven decision-support tools** for better health care delivery and policy-making with a focus on **cancer** (RIA)
- Health care innovation procurement network (CSA)

3 Calls 2022 (single stage):

- Pre-commercial research and innovation procurement (PCP) for building the resilience of health care systems in the context of recovery
- Public procurement of innovative solutions (PPI) for building the resilience of health care systems in the context of recovery
- Better economic foresight, financial planning, and procurement/contractual **strategies for health systems** (RIA)

1 Call 2022 (single stage): Partnerships in Health

- European partnership on transforming health and care systems

Destination 5: Unlocking the full potential of new tools, technologies and digital solutions for a healthy society

The aim is to promote the development of tools, technologies and digital solutions for treatments, medicines, medical devices and improved health outcomes.

3 Calls 2021 (single stage):

- **Smart medical devices** and their surgical implantation for use in resource-constrained settings (IA)
- **Next generation advanced therapies** to treat highly prevalent and high burden diseases with unmet medical needs (RIA)
- **Innovative tools for use and re-use of health data** (in particular of electronic health records and/or patient registries) (RIA)

2 Calls 2022 (single stage):

- **Optimising effectiveness in patients of existing prescription drugs** for major diseases (except cancer) with the use of **biomarkers** (RIA)
- **New methods for the effective use of real-world data and/or synthetic data** in regulatory decision-making and/or in health technology assessment (RIA)

1 Call 2022 (two stage):

- **Computational models for new patient stratification strategies** (RIA)

Destination 6: Maintaining an innovative, sustainable and globally competitive health industry

EU health industry is innovative, sustainable and globally competitive thanks to improved up-take of breakthrough technologies and innovations, which makes the EU with its Member States more resilient and less dependent from imports with regard to the access to and supply of critical health technologies.

3 Calls 2021 (single stage):

- **Green pharmaceuticals** (RIA)
- Development, procurement and responsible management of new antimicrobials (CSA)
- Promoting a trusted mHealth label in Europe: uptake of technical specifications for quality and reliability of health and wellness apps (CSA)

5 Calls 2022 (single stage):

- Enhancing **cybersecurity of connected medical devices** (RIA)
- Scaling up **multi-party computation, data anonymisation techniques, and synthetic data generation** (RIA)
- **New pricing and payment models for cost-effective and affordable health innovations** (RIA)
- Setting up a European Smart Health Innovation Hub (CSA)
- Setting up a European Electronic Health Record Exchange Format (EEHRxF) Ecosystem (CSA)

Funding opportunities on Horizon Europe

Cluster 2: Culture creativity and inclusive society



European Commission's priorities for 2019-2024

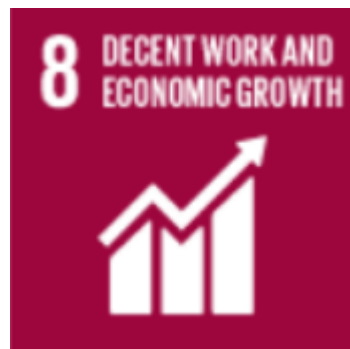
- **A European Green Deal**
- **A Europe fit for the digital age**
- **An economy that works for people**
- **A stronger Europe in the world**
- **Promoting our European way of life**
- **A new push for European democracy**



Culture creativity and inclusive society: objectives

Main objectives

1. Strengthening European democratic values
2. Safeguarding cultural heritage
3. Promoting inclusion and growth in society



Culture creativity and inclusive society: destinations

Main objectives

1. Strengthening European democratic values
2. Safeguarding cultural heritage
3. Promoting inclusion and growth in society

Destinations

1. Democracy and Governance
2. European Cultural Heritage and the Cultural and Creative Industries
3. Social and Economic Transformations



Destination 1: Democracy and Governance

Challenges:

- Democracies are more fragile and more vulnerable than in the past.
- Levels of trust in the political institutions of democracy decline.
- Multilateral global governance is under historic stress.

Protecting and nurturing democracies – 5 calls (2021, single stage):

- The future of **liberal democracy** in Europe;
- **Economic models** and modern democracies;
- **Feminisms** for a new age of democracy;
- Democratic politics in the **EU's neighbourhood**.
- Politics and governance in a **post-pandemic world**

Reshaping democracies – 9 calls (2022, single stage):

- **Artificial intelligence, big data** and democracy
- The future of **democracy and civic participation**
- The impact of **inequalities** on democracy
- **Education** for democracy
- Evolution of **political extremism** and its influence on contemporary social and political dialogue
- **Media** for democracy – democratic media
- Politics and the impact of **online social networks and new media**
- **Representative democracy** in flux
- **Global governance** for a world in transition: Norms, institutions, actors

Destination 2: European Cultural Heritage and the Cultural and Creative Industries

Challenges:

- The social fabric and collective consciousness of our societies are eroding.
- Cultural heritage risks losing its role in strengthening a sense of belonging and fostering value.
- Cultural heritage faces huge challenges due to climate change, pollution, natural or man-made disasters, looting, etc.
- Europe's cultural industries have not sufficiently managed to translate their creativity into innovations and increased international competitiveness

Research and innovation on cultural heritage and CCI's - 14 calls (single stage):

• 2021:

- Green technologies and materials for cultural heritage
- New ways of participatory management and financing of museums and other cultural institutions
- Cultural and creative industries as a driver of innovation and competitiveness
- Preserving and enhancing cultural heritage with advanced digital technologies

• 2022:

- Safeguarding endangered languages in Europe (CSA)
- Europe's cultural heritage and arts - promoting our values at home and abroad
- The role of perceptions, formed by traditions, values and beliefs, in shaping European societies and politics in the 21st century
- Traditional crafts for the future: a new approach
- Towards a competitive, fair and sustainable European music ecosystem
- Increase the potential of the competitiveness of the European filmmaking industry
- Protection of artefacts and cultural goods from anthropogenic threats
- Effects of climate change and natural hazards on cultural heritage and remediation
- The New European Bauhaus – shaping a greener and fairer way of life in creative and inclusive societies through Architecture, Design and Arts
- Games and culture shaping our society

Destination 3: Social and Economic Transformations

Challenges:

- Rising inequalities, challenges to the EU's employment, education and social inclusion policies.
- Global shocks on economy and labour market. Demographic change and ageing societies.
- Need to revise governance of asylum, migration and integration of migrants.

Inclusiveness in times of change – 7 calls (2021, single stage):

- Estimates of **irregular migrants** in Europe - stakeholder network (CSA)
- Providing support in a changing world of **work and social protection**
- Determining key **drivers of inequality** trends
- Addressing **poor learning outcomes in basic skills and early school leaving** Integration of emerging new technologies into education and training
- **Employment and social impacts of changing supply chains** and declining trade intensities
- Upgrading **Independent Knowledge on Contemporary China** in Europe

A sustainable future for Europe – 10 calls (2022, single stage):

- Public policies and indicators **for well-being and sustainable development**
- The impact of **spatial mobility** on European demographics, society, welfare system and labour market
- Conditions of **irregular migrants** in Europe
- Decision-making processes of **(aspiring) migrants**
- Gender and social, economic and cultural **empowerment**
- Overcoming discrimination for an **inclusive labour market**
- Conditions for the successful development of **skills matched to needs**
- Strengthening **racial, ethnic and religious equality**
- Return and readmission of **irregular migrants** in the EU
- Socio-economic effects of **ageing societies**

Integration of Social Science and Humanities

- Need for **“human centric”** focus across all research areas
- Not a single discipline currently able to fully address very complex and current **societal challenges**
- Necessary inter-action between STEM and SSH fields: fostering multi, trans and **inter-disciplinary approaches**
- Presence of SSH **across all research and innovation areas**, including e.g. future missions and partnerships
- Need to examine in the future the **societal impact of science and research**, in particular for novel policies



SOCIAL SCIENCES AND HUMANITIES IN HORIZON EUROPE

Diving into the
opportunities

Webinar and Networking Event
2 June 2021 | 9.30 - 13.00 CEST

Funding opportunities on Horizon Europe

Cluster 4: Digital, Industry and Space



Cluster 4 - Digital, Industry and Space: destinations



D1 – Climate neutral, circular and digitised production



D2 – Increased autonomy in key strategic value chains for resilient industry



D3 – World leading data and computing technologies



D4 – Digital and emerging technologies for competitiveness and fit for the green deal



D5 – Strategic autonomy in developing, deploying and using global space-based infrastructures, services, applications and data



D6 – A human-centred and ethical development of digital and industrial technologies

Industry

The European Commission's strategic objective for European industry is to transform it into a **clean, climate-neutral, circular and competitive** part of the economy.

Actions focus on the **processing industry, the construction sector, manufacturing and materials**.



D1 – Climate neutral, circular and digitised production

D2 – Increased autonomy in key strategic value chains for resilient industry

D3 – World leading data and computing technologies

D4 – Digital and emerging technologies for competitiveness and fit for the green deal

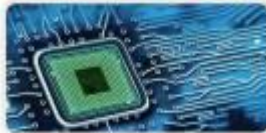
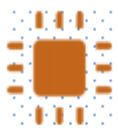
D5 – Strategic autonomy in developing, deploying and using global space-based infrastructures, services, applications and data

D6 – A human-centred and ethical development of digital and industrial technologies

Digital

Progress in digital technologies shape all sectors of the economy and society.

Actions focus on **strengthening the global competitiveness** of the European digital sector while taking into account key environmental and societal challenges like **sustainability or inclusiveness**.



D1 – Climate neutral, circular and digitised production

D2 – Increased autonomy in key strategic value chains for resilient industry

D3 – World leading data and computing technologies

D4 – Digital and emerging technologies for competitiveness and fit for the green deal

D5 – Strategic autonomy in developing, deploying and using global space-based infrastructures, services, applications and data

D6 – A human-centred and ethical development of digital and industrial technologies

Space

Maximising the **benefits for society and the economy**, fostering competitiveness and innovation, reinforcing Europe's autonomy in **accessing and using space**: all this comprises the EC's "Space Strategy for Europe".

Actions range from **Earth observation and navigation systems**, to enabling technologies such as **launchers, propulsion systems, electronics and robotics**.



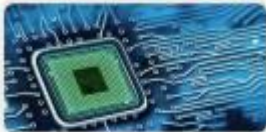
D1 – Climate neutral, circular and digitised production



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D4 – Digital and emerging technologies for competitiveness and fit for the green deal



D5 – Strategic autonomy in developing, deploying and using global space-based infrastructures, services, applications and data



D6 – A human-centred and ethical development of digital and industrial technologies

Cluster 4 - Industry destinations

D1 – Climate neutral, circular and digitised production

Deadlines: 2021 (15th Jul) & 2022 (12th Jan) – 31 topics

Green, flexible and advanced manufacturing (8 topics)

AI enhanced robotics, zero-defect manufacturing, 3D printing, biomaterials, sustainable production, modular manufacturing

Advanced Digital Technologies for Manufacturing (4 topics)

Digital tools to support engineering, AI for manufacturing

A new way to build, accelerating disruptive change in construction (4 topics)

Digitalisation for the construction sector, valorization of construction waste

Hubs for circularity, a stepping stone towards climate neutrality and circularity in industry (4 topics)

Industrial-urban symbiosis solutions, solid waste in urban environment

Enabling circularity of resources in the process industries, including waste, water and CO₂/CO (6 topics)

Plastic waste, environmental footprint, raw materials, biomass

Integration of Renewables and Electrification in process industry (5 topics)

New electrochemical conversion routes, heating technologies, steel production, hydrogen to replace fossil fuels

Cluster 4 - Industry destinations

D2 – Increased autonomy in key strategic value chains for resilient industry

Deadlines: 2021 (29th Sep) & 2022 (5th Apr) – 42 topics

Novel paradigms to establish resilient and circular value chains (2 topics)

Circularity of composite materials

Raw materials for EU strategic autonomy and successful transition to a climate-neutral and circular economy (12 topics)

Exploration, mining, processing, recycling

Green and Sustainable Materials (9 topics)

Safe and sustainable by design, multi functional materials, coatings, polymeric/lightweight materials, recycled plastics

Materials for the benefit of society and the environment and materials for decarbonising industry (8 topics)

Antiviral and antimicrobial coatings, materials for hydrogen storage, membranes, biomaterials for health and energy applications, composite materials

Materials and data cross-cutting actions (5 topics)

Biomaterials database for Health Applications, modelling and characterisation

Improving the resilience and preparedness of EU businesses (6 topics)

Standards and regulatory issues

Cluster 4 - Digital destinations

D3 – World leading data and computing technologies

Deadlines: 2021 (31st Aug) & 2022 (5th Apr) – 10 topics

Data sharing in the common European data spaces (3 topics)

Technologies and solutions for compliance, privacy preservation, green and responsible data operations (RIA) - 2021

Technologies for data management (IA) - 2021

Technologies and solutions for data trading, monetizing, exchange and interoperability (IA) - 2022

Strengthening Europe's data analytics capacity (2 topics)

Extreme data mining, aggregation and analytics technologies and solutions (RIA) - 2021

Methods for exploiting data and knowledge for extremely precise outcomes (RIA) - 2022

From Cloud to Edge to IoT for European Data (5 topics)

Future European platforms for the Edge: Meta Operating Systems (RIA) - 2021

Coordination and Support of the 'Cloud-Edge-IoT' domain (CSA) - 2021

Roadmap for next generation computing and systems technologies (CSA) - 2021

Cognitive Cloud: AI-enabled computing continuum from Cloud to Edge (RIA) - 2022

Programming tools for decentralised intelligence and swarms (RIA) - 2022

Cluster 4 - Digital destinations

D4 – Digital and emerging technologies for competitiveness and fit for the green deal

Deadlines: 2021 (31st Aug) & 2022 (5th Apr) – 32 topics

Ultra-low power processors (3 topics)

Ultra-low-power, secure processors for edge computing (RIA) - 2021

Open Source Hardware for ultra-low-power, secure processors (CSA) - 2021

Open source for cloud-based services (RIA) - 2022

European Innovation Leadership in Electronics & Photonics (4 topics)

Functional electronics for green and circular economy (RI) - 2021

Advanced optical communication components (IA) - 2021

Advanced Photonic Integrated Circuits (RIA) - 2021

Advanced multi-sensing systems (RIA) - 2022

6G and foundational connectivity technologies (1 topic)

Coordination of European Smart Network actions (CSA) – 2021

Innovation in AI, Data and Robotics (3 topics)

AI, Data and Robotics for the Green Deal (IA) - 2021

AI, Data and Robotics at work (IA) – 2021

AI, Data and Robotics for Industry optimisation (IA) - 2022

Cluster 4 - Digital destinations

D4 – Digital and emerging technologies for competitiveness and fit for the green deal

Deadlines: 2021 (31st Aug) & 2022 (5th Apr) – 32 topics

Tomorrow's deployable **Robots: efficient, robust, safe, adaptive and trusted (4 topics)**

Pushing the limit of robotics cognition (RIA) - 2021

European Network of Excellence Centres in Robotics (RIA) -2021

Pushing the limit of physical intelligence and performance (RIA) - 2022

Increased robotics capabilities demonstrated in key sectors (IA) - 2022

European leadership in **Emerging Enabling Technologies (3 topics)**

Academia-Industry Forum on Emerging Enabling Technologies (CSA) - 2021

Advanced spintronics: Unleashing spin in the next generation ICs (RIA) – 2021

Advanced characterisation methodologies to assess and predict the health and environmental risks of nanomaterials (RIA) - 2022

Flagship on **Quantum Technologies: a Paradigm Shift (19 topics)**

Materials and devices – 2021 & 2022

Graphene: Europe in the lead (5 topics)

Computing, simulation, sensing - 2022

Cluster 4 - Digital destinations

D6 – A human-centred and ethical development of digital and industrial technologies

Deadlines: 2021 (31st Aug) & 2022 (5th Apr) – 27 topics

Leadership in AI based on trust (7 topics)

Verifiable robustness, energy efficiency and transparency for Trustworthy AI (RIA) - 2021
Awareness, standardisation & adoption of trustworthy European AI, Data and Robotics (CSA) - 2021
European Network of AI Excellence Centres: Pillars of the European AI lighthouse (RIA) - 2021
Tackling gender, race and other biases in AI (RIA) - 2021
AI to fight disinformation (RIA) – 2021 & AI for human empowerment (RIA) - 2022
European Network of AI Excellence Centres: Expanding the European AI lighthouse (RIA) - 2022

An Internet of Trust (6 topics)

Trust & data sovereignty on the Internet (RIA) - 2021
Trustworthy open search and discovery (RIA) - 2021
Next Generation Internet community-building and outreach (CSA) – 2021 & NGI Tech Review (CSA) - 2021
Internet architecture and decentralised technologies (RIA) - 2022
Next Generation Safer Internet: Technologies to identify digital Child Sexual Abuse Material (RIA) - 2022

eXtended Reality (XR) (7 topics)

Modelling (RIA), Haptics (RIA), Collaborative Telepresence (IA - FSTP), Innovation for Media, including eXtended Reality (IA), eXtended Reality Learning (IA), Ethics, Interoperability and Impact (CSA)

Systemic approaches to make the most of the technologies within society and industry (7 topics)

IP, standardisation, skills, art-driven use experiments and design

Cluster 4 - Space destination

D5 – Strategic autonomy in developing, deploying and using global space-based infrastructures, services, applications and data

Deadlines: 2021 (7th Sep) & 2022 (6th Sep) – 33 topics

Foster competitiveness of space systems and reinforce EU capacity to access and use space (16 topics)

End-to-end comms, future space ecosystem, new space transportations solutions, Copernicus Services Evolution, low cost high thrust propulsion, re-useability of launchers

Innovative space capabilities and Space entrepreneurship ecosystems (6 topics)

SSA, Govsatcom, Quantum, Education and skills for the EU space sector

Space technologies for European non-dependence and competitiveness (3 topics)

Passive components, discrete power devices, applications of metallic lead, very high energy ion accelerators, scientific exploitation of space data

Applications (8 topics)

Applications fostering Green Deal, safety and Crisis Management, applications for the Digital Age

How can you access funding?

Study the (draft) **work programmes** and **identify the topics** where you can have an idea of a project

Contact us and we can discuss your options. Might you coordinate or do you want to be a partner in someone's else consortium?

Consider **attending info days** related to the Pillar or Cluster(s) you wish to participate.

A word to early-stage researchers - **can you be successful?** Answer is “Yes”!

Call to Action:

You have **less than 3 months** to the indicative deadlines for most calls in 2021. Across Europe, the experienced researchers are already shaping their consortia. **You need to act now!**



Servei de Recerca

projectes.recerca@upf.edu

Cluster 1 - Health

1. Staying healthy
2. Living & working in a health-promoting environment
3. Tackling diseases & reducing disease burden
4. Innovative, sustainable and high-quality health care
5. Unlocking the full potential of new tools, technologies and digital solutions for a healthy society
6. Maintaining an innovative, sustainable & globally competitive health industry

Cluster 2 - Culture, Creativity and Inclusive Society

1. Democracy and Governance
2. European Cultural Heritage and the Cultural and Creative Industries
3. Social and Economic transformations

Cluster 3 - Civil security for Society

1. Better protect the EU and its citizens against Crime and Terrorism
2. Effective management of EU external borders
3. Protected infrastructure
4. Increased Cybersecurity
5. A Disaster-Resilient Society for Europe
6. SSRI (Strengthened Security Research and Innovation)

Cluster 4 - Digital, Industry and Space

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

Cluster 5 - Climate, Energy and Mobility

1. Climate sciences and responses
2. Cross-sectoral solutions for the climate transition
3. Sustainable, secure and competitive energy supply -2021-2024
4. Efficient, sustainable and inclusive energy use
5. Clean and competitive solutions for all transport mode
6. Safe, Resilient Transport and Smart Mobility services for passengers and goods

Cluster 6 - Food, Bioeconomy, Natural Resources, Agriculture and Environment

1. Biodiversity and Ecosystem Services
2. Fair, healthy and environmentally-friendly food systems from primary production to consumption
3. Circular economy and bioeconomy sectors
4. Clean environment and zero pollution
5. Land, oceans and water for climate action
6. Resilient, inclusive, healthy and green rural, coastal and urban communities
7. Innovative governance, environmental observations and digital solutions in support of the Green Deal