



#HorizonEU

THE EU RESEARCH & INNOVATION PROGRAMME

2021 – 2027

CLUSTER 2

Informative Session - Spain

28 June 2021

Research and
Innovation

Horizon Europe - Cluster 2 – Culture, Creativity and Inclusive Society



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Our Vision

The EU's key funding programme for research and innovation:

- Tackles climate change
- Helps to achieve the UN's Sustainable Development Goals
- Boosts the EU's competitiveness and growth
- Facilitates collaboration and strengthens the impact of research and innovation in developing, supporting and implementing EU policies while tackling global challenges
- Supports the creation and better diffusion of excellent knowledge and technologies
- Creates jobs, fully engages the EU's talent pool, boosts economic growth, promotes industrial competitiveness and optimises investment impact within a strengthened European Research Area.



Credits: <https://www.un.org/sustainabledevelopment/sustainable-development-goals/>

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

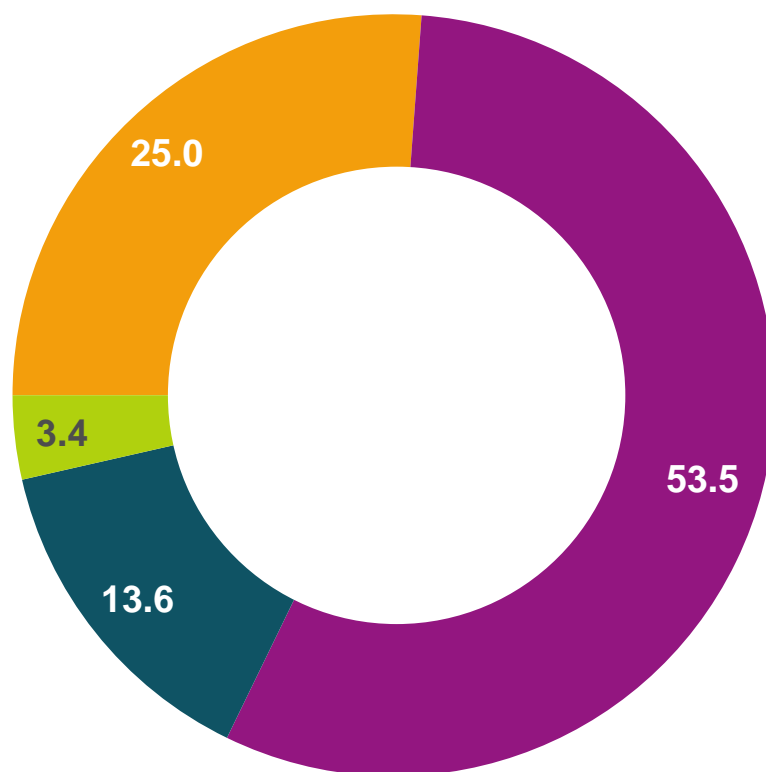
Fission

Joint
Research
Center

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

Horizon Europe Budget: €95.5 billion (2021-2027)

(including €5.4 billion from NGEU – Next Generation Europe – programme of EU for Recovery from COVID-19 crisis)



Political agreement December 2020

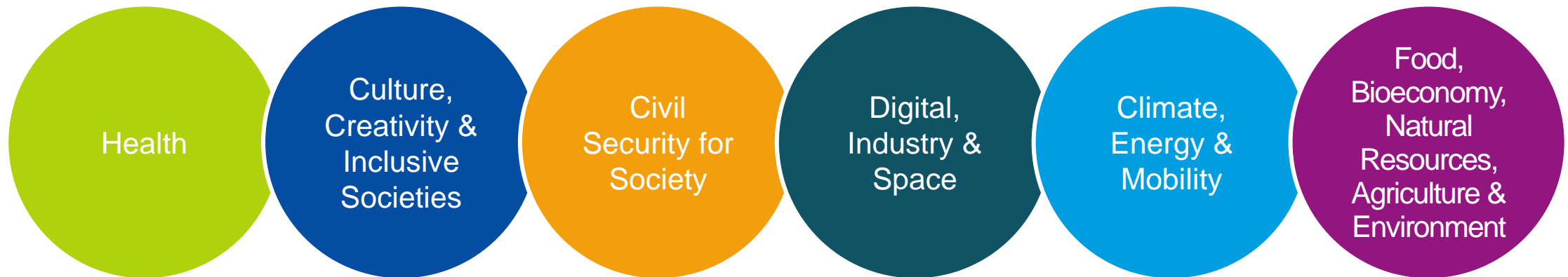
€ billion in current prices

- Excellent Science
- Global challenges and European ind. comp.
- Innovative Europe
- Widening Part and ERA

Pillar II - Clusters

GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS:

boosting **key technologies** and solutions underpinning **EU policies & Sustainable Development Goals** (6 clusters and JRC – non-nuclear direct actions)



€53.5 billion

Pillar II

Budget for clusters & for JRC

in current prices

Cluster 1	Health	€8.246 billion (including €1.35 billion from NGEU)
Cluster 2	Culture, Creativity & Inclusive Societies	€2.280 billion
Cluster 3	Civil Security for Society	€1.596 billion
Cluster 4	Digital, Industry & Space	€15.349 billion (including €1.35 billion from NGEU)
Cluster 5	Climate, Energy & Mobility	€15.123 billion (including €1.35 billion from NGEU)
Cluster 6	Food, Bioeconomy, Natural Resources, Agriculture & Environment	€8.952 billion
	JRC (non-nuclear direct actions)	€1.970 billion

Clusters are including a budget for Partnerships and Missions
NGEU is Next Generation EU programme – Recovery Fund

Next: Horizon Europe

The ambitious EU research and innovation framework programme (2021-2027)



fuel EU's **scientific and technological excellence** and the strengthen the European Research Area (ERA)

**Science
& technology**



tackle policy priorities, including **green and digital transitions** and Sustainable Development Goals

Society



boost Europe's **innovation uptake, competitiveness** and **jobs**

Economy

Horizon Europe – Cluster 2 – Culture, Creativity and Inclusive Society



Aims:

- To enhance democratic governance and citizens participation;
- to safeguard and promote cultural heritage;
- to respond to and shape multifaceted social, economic, technological and cultural transformations;
- to mobilise multidisciplinary expertise of European social sciences and humanities;
- to provide evidence-based policy options for a socially just and inclusive European recovery.

Cluster 2 Intervention Logic

SDGs	SDG 1 (No poverty) SDG 3 (Good Health and Well-being) SDG 4 (Quality Education)		SDG 5 (Gender Equality) SDG 8 (Decent Work and Economic Growth) SDG 10 (Reduced Inequalities)		SDG 11 (Sustainable Cities and Communities) SDG 12 (Responsible Consumption and Production) SDG 16 (Peace, Justice, and Strong Institutions)	
EC PRIORITIES	EUROPEAN GREEN DEAL	EUROPE FIT FOR DIGITAL AGE	NEW PUSH FOR EUROPEAN DEMOCRACY	STRONGER IN THE WORLD	AN ECONOMY THAT WORKS FOR PEOPLE	PROTECT OUR EUROPEAN WAY OF LIFE
KEY STRATEGIC ORIENTATION(S) FOR R&I	KSO A: Promoting an open strategic autonomy by leading the development of key digital and enabling technologies, sectors and value chains		KSO D: Creating a more resilient, inclusive and democratic European society			
IMPACT AREAS	Competitive and secure data-economy	High quality digital services for all	A resilient EU prepared for emerging threats	A secure and open EU society	Inclusive growth and new job opportunities	
MAIN CHALLENGE	<ul style="list-style-type: none"> 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 shared value. Cultural heritage faces huge challenges due to climate change, pollution, natural or man-made disasters, looting, etc. 		<p>Democracies are more fragile and more vulnerable than in the past. Levels of trust in the political institutions of democracy are in decline. Multilateral global governance is under historic stress.</p>		<p>Raising inequalities, challenges to the EU's employment, education and social, including digital, inclusion policies. Global shocks on economy and labour market. Demographic change and ageing societies. Governance of asylum, migration and integration.</p>	
R&I EXPECTED IMPACTS	<p>Europe's cultural industries have not sufficiently managed to translate their creativity into innovations and increased international competitiveness.</p> <p>8. Full potential of cultural heritage, arts and cultural and creative sectors is unleashed</p>		<p>7. Democratic governance is reinvigorated by improving the accountability, transparency, effectiveness and trustworthiness of rule-of-law based institutions and policies</p>		<p>9. Social and economic resilience and sustainability</p>	<p>10. Inclusive growth through evidence-based policies for employment, education, social fairness and inequalities, including in response to the socio-economic challenges due to the COVID-19 pandemic</p>

HORIZON EUROPE

Cluster 2 Culture, Creativity and Inclusive Society

THREE “DESTINATIONS”

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

DESTINATION *Democracy and Governance*

INTERVENTION LOGIC

DESTINATION	Main challenge	<ul style="list-style-type: none"> • 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. 		
	R&I EXPECTED IMPACT	Democratic governance is reinvigorated by improving the accountability, transparency, effectiveness and trustworthiness of rule-of-law based institutions and policies and through the expansion of active and inclusive citizenship empowered by the safeguarding of fundamental rights.		
TOPICS	Problem drivers	Impact of inequalities on political participation, trust and polarisation	Impact of social media and new media on politics, liberal democracy and citizens' engagement	Challenges to EU external relations and multilateral global governance
	R&I EXPECTED OUTCOMES	<ul style="list-style-type: none"> • Reduce impact of inequalities on democracy; • Bring down political extremism and its influence on contemporary social and political dialogue 	<ul style="list-style-type: none"> • More democratic media; • Channel the impact of online social networks and new media on democracy; • Harness artificial intelligence and big data for democracy 	<ul style="list-style-type: none"> • Enhance global governance for a world in transition; • Promote democratic politics in the EU's neighbourhood

DESTINATION *European Cultural Heritage and the Cultural and Creative Industries*

INTERVENTION LOGIC

DESTINATION	Main challenge	<ul style="list-style-type: none"> 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 shared 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. 		
	R&I EXPECTED IMPACT	<p>The full potential of cultural heritage, arts and cultural and creative sectors as a driver of sustainable innovation and a European sense of belonging is realised through a continuous engagement with society, citizens and economic sectors as well as through better protection, restoration and promotion of cultural heritage.</p>		
TOPICS	Problem drivers	Challenges to European cultural heritage (climatic, pollution, natural or man-made, armed conflicts, illicit trafficking or behavioural changes)	Lack of data, scientific analysis of and policy options for tackling obstacles for increasing competitiveness of European Cultural and Creative Industries (CCI)	European knowhow and cooperation for the benefit of this thematic domain should be increased
	R&I EXPECTED OUTCOMES	<ul style="list-style-type: none"> Green technologies and materials for cultural heritage; Mitigate the effects of climate change and natural hazards on cultural heritage; Safeguard endangered languages in Europe 	<ul style="list-style-type: none"> Cultural and creative industries as a driver of innovation and competitiveness; Towards a competitive, fair and sustainable European music ecosystem and film making industry; Protection of artefacts and cultural goods from anthropogenic threats 	<ul style="list-style-type: none"> Coordination of European cultural heritage research and innovation among Member States; New ways of participatory management and sustainable financing of museums and other cultural institutions; Elucidate the role of perceptions, formed by traditions, values and beliefs, in shaping European societies and politics in the 21st century

DESTINATION *Social and Economic Transformations*

INTERVENTION LOGIC

DESTINATION	Main challenge	<ul style="list-style-type: none"> Raising inequalities, challenges to the EU's employment, education and social, including digital, 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. 		
	R&I EXPECTED IMPACTS	<ul style="list-style-type: none"> Social and economic resilience and sustainability are strengthened through a better understanding of the social, ethical, political and economic impacts of drivers of change (such as technology, globalisation, demographics, mobility and migration) and their interplay. Inclusive growth is boosted and vulnerabilities are reduced effectively through evidence-based policies for protecting and enhancing employment, education, social fairness and tackling inequalities, including in response to the socio-economic challenges due to the COVID-19 pandemic. 		
TOPICS	Problem drivers	Raising inequalities and their joint impacts (intersectionality); Challenges for sustainable, fair and just development	Impact of social, economic, cultural and technological changes on labour markets and education	Trends in migration and challenges for its European governance. Policy challenges for asylum and integration policies
	R&I EXPECTED OUTCOMES	<ul style="list-style-type: none"> Determine key drivers of inequality trends; Elucidate socio-economic effects of ageing on societies; Provide evidence to help design public policies and indicators for social well-being and sustainable development 	<ul style="list-style-type: none"> Provide support in a changing world of work and social protection; Integration of emerging new technologies into education and training 	<ul style="list-style-type: none"> Estimates and better knowledge of the conditions of irregular migrants in Europe; Policy proposals pertaining to the return and readmission of irregular migrants in the EU

Strategic Plan

The Strategic plan contains:

- Key strategic orientations for R&I support, including a description of expected impacts, cross-cluster issues and intervention areas covered;
- Identification of co-programmed and co-funded European Partnerships;
- Identification of missions;
- Areas for international cooperation;
- Specific issues, such as the balance between research and innovation; **the integration of Social Sciences and Humanities**; the role of Key Enabling Technologies and strategic value chains; gender equality, including the integration of gender dimension in the R&I content; adherence to the highest ethics and integrity standards; priorities for dissemination and exploitation

The first Strategic Plan

The first Strategic Plan covers the years 2021-2024.

It follows a series of intense co-creation activities among European Commission services and co-design activities with representatives of the Member States, Members of the European Parliament, stakeholders and the general public over a period of 18 months.

The co-design activities with stakeholders and the public have taken the form of web surveys and interactive workshops during the 2019 and 2020 editions of the European Research and Innovation Days.

It was adopted in March 2021.

SSH in Horizon Europe

Cluster 2: Culture, Creativity and Inclusive Society

- Dedicated to the human, social and societal aspects of EU-funded R&I
- Predominantly SSH-focused

Effective integration of social sciences and humanities in all clusters

“The effective integration of social sciences and humanities (SSH) in all clusters, including all missions and partnerships, is a principle through the programme cycle. SSH are a key constituent of research and innovation, especially regarding the twin green and -digital transitions.”

(From draft Horizon Europe Strategic plan)

Integration of Social Science and Humanities

-The human factor in R&I -

- 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

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Horizon Europe dedicated website

<http://ec.europa.eu/horizon-europe>

R&I website

<http://ec.europa.eu/research/eic>

Cultural Heritage and Cultural and Creative Industries (CCIs)

https://ec.europa.eu/info/research-and-innovation/research-area/social-sciences-and-humanities/europes-cultural-heritage-and-creativity_en

EU budget for the future

http://ec.europa.eu/budget/mff/index_en.cfm

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With Horizon Europe, we step up our ambition for a sustainable future. The programme will maximise its impact by strengthening our scientific and technological bases, boosting our innovation capacity, driving the green and digital transitions and supporting an inclusive recovery.

Mariya Gabriel

Commissioner for Innovation, Research, Culture, Education & Youth

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European
Commission |



Thank you!

HorizonEU

<http://ec.europa.eu/horizon-europe>



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