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# Oportunidades en otros programas e iniciativas sinérgicas a Horizon Europe



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NCP Clúster 3 Horizonte Europa

4 de junio de 2021

# Hay vida más allá de Horizon Europe...



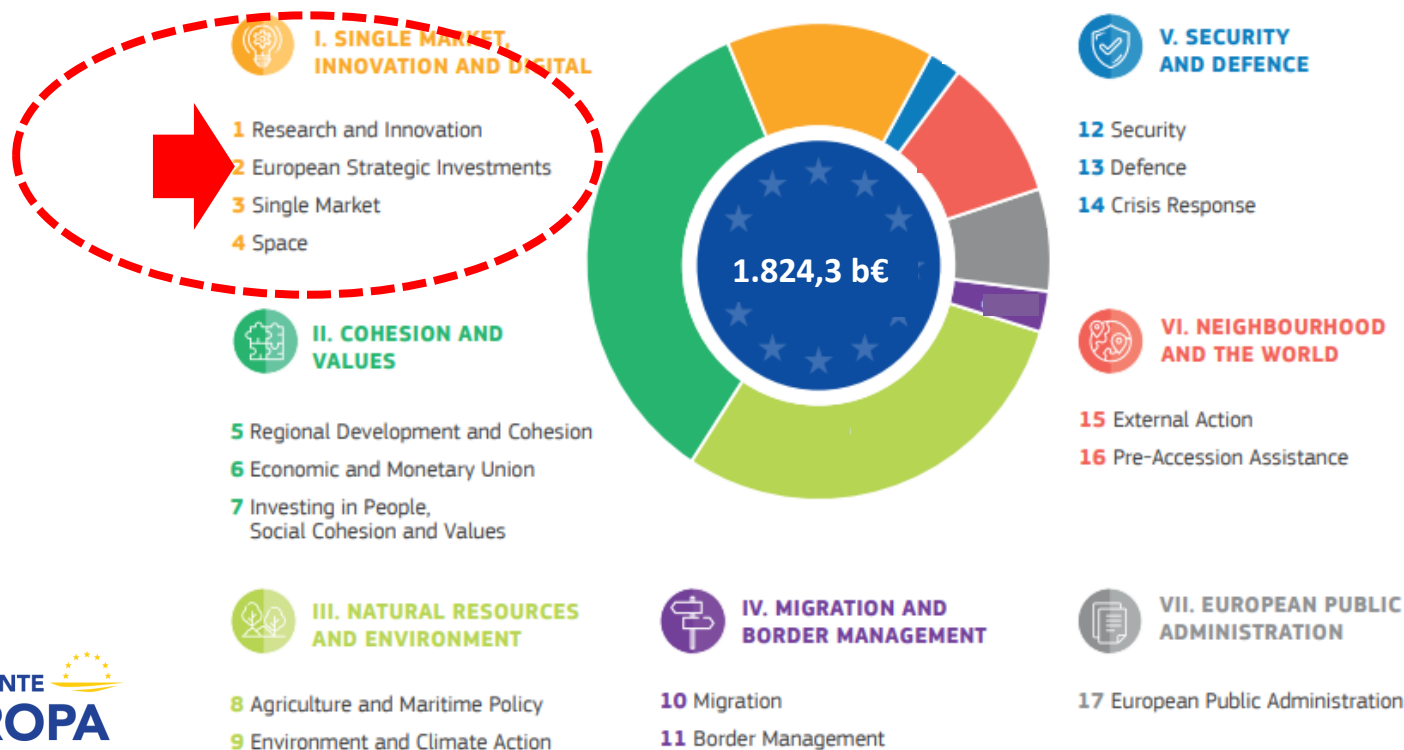
# **Digital Europe Programme, DEP**

# De qué capítulo del MFF sale...

Cifras según acuerdo final  
11-Dec-2020

## THE NEW MULTIANNUAL FINANCIAL FRAMEWORK 2021 - 2027 A BUDGET FOR A UNION THAT PROTECTS, EMPOWERS AND DEFENDS

In billion euro, current prices



MULTIANNUAL FINANCIAL FRAMEWORK 2021-2027 AND NEXT GENERATION EU (COMMITMENTS, in 2018 prices)			
	MFF 2021-2027	Next Generation EU	TOTAL
<b>1. Single Market, Innovation and Digital</b>	<b>132.781</b>	<b>10.600</b>	<b>143.381</b>
1. Research and Innovation	83.159	5.000	88.159
Horizon Europe	76.400	5.000	81.400
<i>Of which reallocation from the margin</i>	<i>500</i>		<i>500</i>
Euratom Research and Training Programme	1.757	-	1.757
International Thermonuclear Experimental Reactor (ITER)	5.000	-	5.000
Other	2	-	2
2. European Strategic Investments	29.367	5.600	34.967
InvestEU Fund	2.800	5.600	8.400
Connecting Europe Facility - Transport	11.384	-	11.384
Connecting Europe Facility - Energy	5.180	-	5.180
Connecting Europe Facility - Digital	1.832	-	1.832
Digital Europe Programme	6.761	-	6.761
Other	146	-	146
Decentralised agencies	1.263	-	1.263
3. Single Market	5.860	-	5.860
Single Market Programme (incl. COSME)	3.735	-	3.735
EU Anti-Fraud Programme	161	-	161
Cooperation in the field of taxation (FISCALIS)	239	-	239
Cooperation in the field of customs (CUSTOMS)	843	-	843
Other	72	-	72
Decentralised agencies	811	-	811
4. Space	13.443	-	13.443
European Space Programme	13.202	-	13.202
Decentralised agencies	241	-	241
Margin	952	-	952
<i>Of which reallocation to programmes</i>	<i>500</i>		<i>500</i>



# Digital Europe Programme: why?



## Compete globally

Other regions of the world invest huge amount of public capital in advanced technologies. For example, the US and China spend € 10-20 billion annually on AI alone



## Achieve scale through collective co-investments

Given the size of investments needed, scale required and risks involved Europe needs to pool the resources together



## Regain control over Europe's value chains

and ensure Europe's technological autonomy



## Better address Europe's economic and societal challenges

E.g. climate, health, mobility and public services



## Ensure broad take-up of digital technologies across all regions of EU

In deploying latest technologies to offer best services to citizens and business

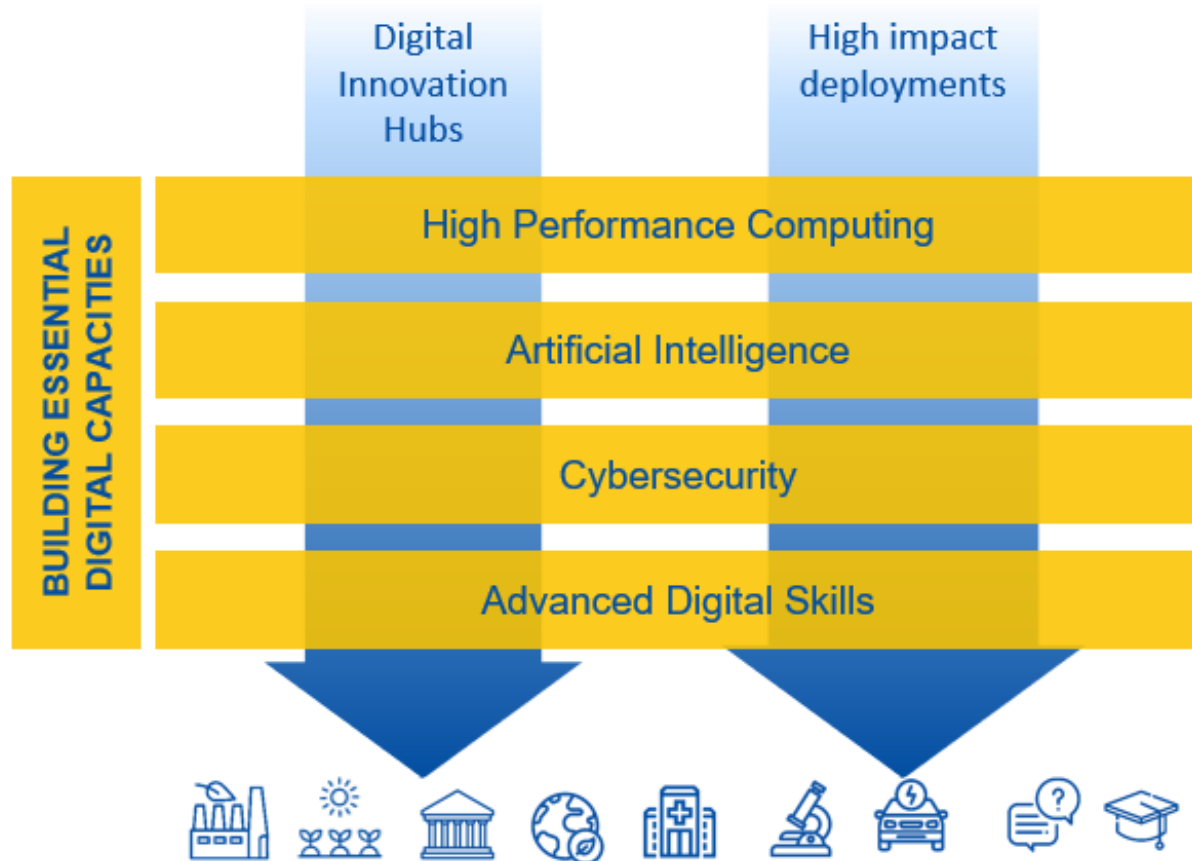


## Support SMEs to acquire or access the latest technologies and skills

More than 400,000 EU vacancies in these fields

# Digital Europe programme structure

ACCELERATING THE BEST USE OF DIGITAL TECHNOLOGIES



# Delivering on political priorities

- Digital Strategy for Data and AI
- Green Deal
- Industrial and SME strategy
- Recovery plan
- Circular Economy action plan





# High Performance Computing



❑ **Content:** Build capacities towards exascale supercomputing, through the acquisition and deployment of new supercomputing capabilities.

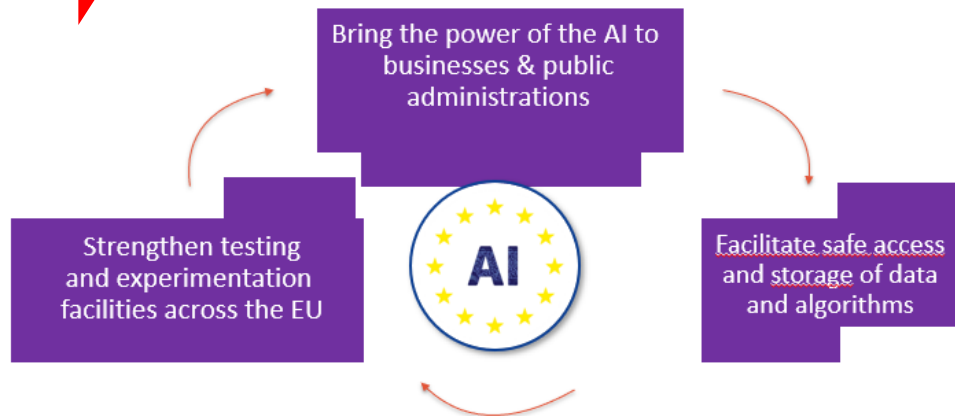
× **Types of action funded:** Procurement or Joint procurement

- **Application areas:** health, environment, climate, security, research, etc.





# Artificial Intelligence



- **Application areas:** health, earth/environment monitoring, mobility, security, manufacturing, finance, etc.

❑ **Content:** Data resources in key industrial and societal sectors through the deployment of a set of sectoral common European data spaces

❑ **Type of action:** **Simple grants**

## Applications of AI

Artificial Intelligence  
in HealthCare



Artificial Intelligence  
in Business



Artificial Intelligence  
in Education



Artificial Intelligence in  
Autonomous Vehicles



Artificial Intelligence  
in Social Media



Artificial Intelligence  
for a Better World



Artificial Intelligence  
in Tourism



# Cybersecurity and Trust



Support procurement of advanced equipment, tools & data infrastructures



Support the best use of European knowledge, capacity and skills



Ensure wide deployment of latest solutions across the economy



Reinforce capabilities for high level of network & information systems

- **Application areas:** public sector, critical infrastructures health, environment, research, etc.

❑ **Content:** Capacity building and the enhancement of cross border cooperation on cybersecurity at technical, operational and strategic levels (support to NIS Directive implementation).

❑ **Type of action:** Simple grants



 European Council  
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[Home](#) > [Press](#) > [Press releases](#)

 Council of the EU | [Press release](#) | 10 December 2020 | 10:40

## The new European Cybersecurity Competence Centre to be located in Bucharest, Romania

On 9 December 2020, **Bucharest, Romania** was selected by representatives of the governments of the EU member states as the prospective seat of the new **European Cybersecurity Industrial, Technology and Research Competence Centre**.

The Cybersecurity Competence Centre will improve the coordination of research and innovation in cybersecurity in the EU. It will also be the EU's main instrument for pooling investment in cybersecurity research, technology and industrial development.

The representatives of the governments of the 27 EU member states voted in the margins of a meeting of the EU ambassadors in the Council's Permanent Representatives Committee (Coreper).

Negotiations with the European Parliament on the proposed regulation establishing the Centre are ongoing. The next trilogue meeting between the co-legislators is scheduled for 11 December 2020

# Advanced Digital Skills

## Advanced digital skills to support the deployment of AI, HPC, Cyber



Long-term training courses for students and working people



On-the-job trainings and traineeships for young people



Short-term training courses for small businesses

- ❑ **Content:** **Specialised education programmes or modules** in key capacity areas aimed to increase the offer of EU education programmes and the number of students specialised in those areas.

- ❑ **Type of action:** **Simple grants**





# Deployment, use of digital capacities and interoperability



Support digital transformation of areas of public interest

Support digital transformation of industry

*Uptake of new Technologies and ensure continuous capacity to adapt to fast evolving trends*

- **Application areas:** public administrations, judiciary, environment, trust in digital transformation.

❑ **Content:** Initial network of European Digital Innovation Hubs (EDIH)

❑ **Type of action:** **Simple grants**



# Building essential digital capacities

## High-performance computing

- Procure exascale machines
- Upgrade existing supercomputers
- Quantum computing
- Widen the access to and use of supercomputing

## Cybersecurity

- Deploy competence centres network
- Cybersecurity shield, quantum communication infrastructure - QCI
- Certification schemes
- Cybersecurity tools

## Artificial intelligence

- Data4EU : common Data Spaces, cloud, platforms and infrastructure
- Large Testing and Experimentation Facilities
- Scale up the European AI platform to access tested AI technologies

## Advanced digital skills

- Master courses
- Short term trainings
- Platform for Skills and Jobs

## Deployments : emphasis on

- Destination Earth
- Green and smart communities and mobility
- Continuation of investments (CEF – Telecom)
- Blockchain
- Enhancing confidence in the digital transformation

## European digital innovation hubs

Shaping Europe's digital future

DIGIBYTE | 27 January 2021

## Digital Innovation Hubs: €1.5 billion network to support green and digital transformation starts to take shape

A two-day discussion on the future of European Digital Innovation Hubs (EDIH) came to a close last Wednesday, as over 2000 stakeholders and policy-makers gathered online for the first time to take stock of the upcoming hubs network.

# GEARING UP TOWARDS EUROPEAN DIGITAL INNOVATION HUBS

ONLINE CONFERENCE // 26+27 JANUARY 2021



European  
Commission



THE GOVERNMENT  
OF THE GRAND-DUCHY OF LUXEMBOURG  
Ministry of the Economy



LUXINNOVATION  
TRUSTED PARTNER FOR BUSINESS



DIHNET.EU  
Digital Innovation Hub Network

[European Digital Innovation Hubs](#) are one-stop-shops where companies and public sector organisations can access and test digital innovations, gain the required digital skills, get advice on financing support and ultimately accomplish their digital transformation in the context of the twin green and digital transition which is at the core of European industrial policy.

The EDIHs will become a network spread across the entire EU, sharing best practices and specialist knowledge and ready to support companies and public administrations in any region and economic sector. EDIHs will also play a brokering role between public administrations and companies providing e-government technologies, and are an important tool in Europe's industrial and SME policies as they are close to local companies and 'speak their language'.

Member States have already been invited to designate [potential hubs](#). These potential hubs met for the first time on Tuesday the 26<sup>th</sup> of January at the [Digital Innovation Hubs annual conference](#), organised in collaboration with the Luxembourg Ministry of Economy. Keynote speakers included Commissioner for the Internal Market Thierry Breton and Luxembourg Prime Minister Xavier Bettel. The 2000+ participants were provided with a unique opportunity to better prepare their submissions for the upcoming call and connect for further collaboration in building up the network of EDIHs.

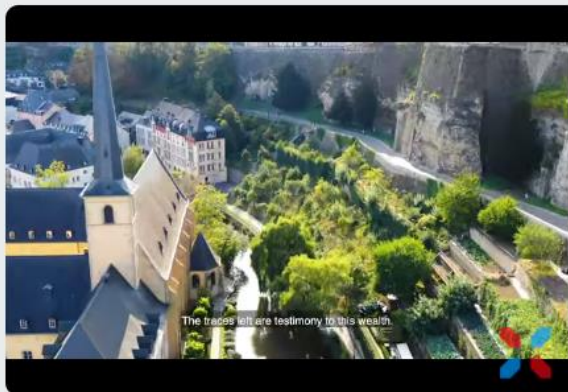
## Next steps

The potential hubs designated by Member States will be invited to submit their proposals for the call, which will select the hubs participating in the initial network of European Digital Innovation Hubs. Projects will be launched after summer 2021, and will immediately start working towards further digitalisation of all the sectors of the European economy, giving a strong contribution to the recovery after the COVID-19 crisis.



<https://ec.europa.eu/digital-single-market/en/news/digital-innovation-hubs-eu15-billion-network-support-green-and-digital-transformation-starts>

## Virtual Lobby

Welcome



### News feed

-  Sylvie PERREAU  
CASCADING 09:24
-  RT @Ejercito\_Div7:  
Demostrando el absoluto respeto por los Derechos Humanos y la aplicación de las normas del #DIH, soldados de la #Brigada... 14:25

## The 1st annual EDIH conference

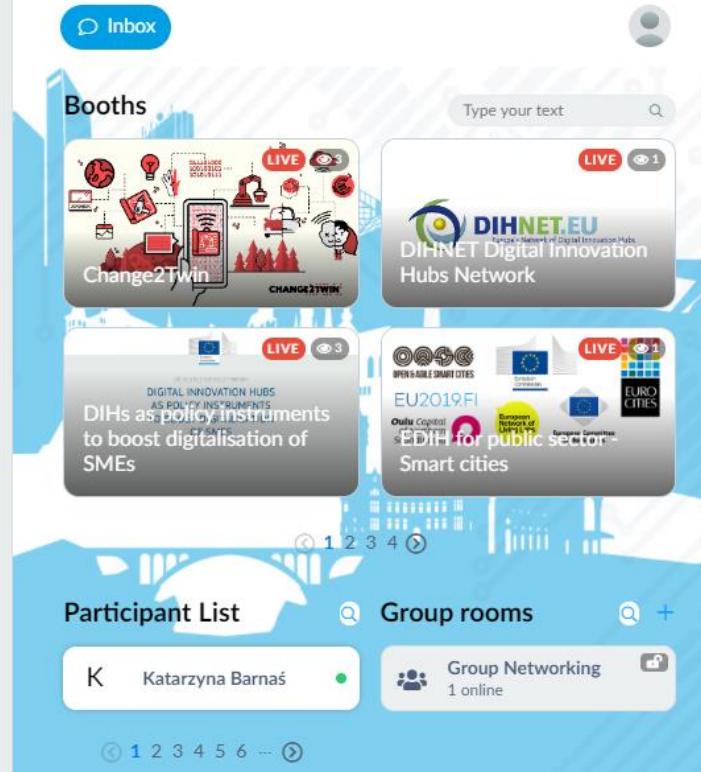
Agenda

Jan 26

Jan 27

Type your text

See all the video-sessions [here](#)





# Leading the Digital Decade 1-2 June 2021

Leading the Digital Decade, held 1-2 June, is a two-day online event focused on Europe's digital transformation towards 2030.

What should the future of digital in Europe be? What should our 2030 goals be when it comes to digital transformation? How can we make sure we meet our objectives?

These are the main questions that Leading the Digital Decade aims to answer.

The past 18 months have radically transformed Europe and the world. Because of the ongoing pandemic, the world has digitalised faster than ever before. Digital is what has kept our society going. It has also widened the gap between those who have the means to shift to digital and enjoy its benefits and those who do not.

At this crossroads, Europe must define its path going forward.

Leading the Digital Decade focuses on defining this path. This two-day event is co-organised by the European Commission and the Portuguese Presidency of the Council of the European Union and will be held virtually on 1 and 2 June 2021.

## Day 1

The starting point of the first day's debate is the Communication [2030 Digital Compass: the European way for the Digital Decade](#). Its vision is clear: everyone in Europe can and should benefit from digital.

To make this a reality, we need to improve on digital skills, infrastructure and use of technology by people, companies and public administrations.

## Day 2

The second day will be dedicated to the [Digital Europe Programme](#), the first financial instrument of the EU to specifically finance European projects on digital. The Digital Europe Programme will accelerate the economic recovery and shape the digital transformation of Europe benefiting citizens and businesses.

The Digital Europe Programme will provide funding for projects in five areas:

1. supercomputing
2. artificial intelligence
3. cybersecurity
4. advanced digital skills
5. use of digital technologies across the economy and society



Watch the event live on YouTube  
(Channel 1) >

Watch the event live on YouTube  
(Channel 2) >

Join the Futurium community for  
the Digital Compass >

View the programme >

Participate in the event on Slido >

<https://digital-strategy.ec.europa.eu/en/policies/leading-digital-decade>

## Three levels of intervention



**Co-investing with MS in high-end infrastructures**



**Reinforcing existing MS capacities**



**Ensuring best use of capacities in public sector & industry**

## A coherent package



**Focuses on key areas**



**Complementarity and synergies**

## Corporate IT tools



### Funders portal

Find calls and partners,  
access to proposals and projects

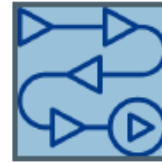


### Database of Participants

Use of available information  
for legal and financial entity validation  
(avoids duplications)



### Submission and evaluation processes

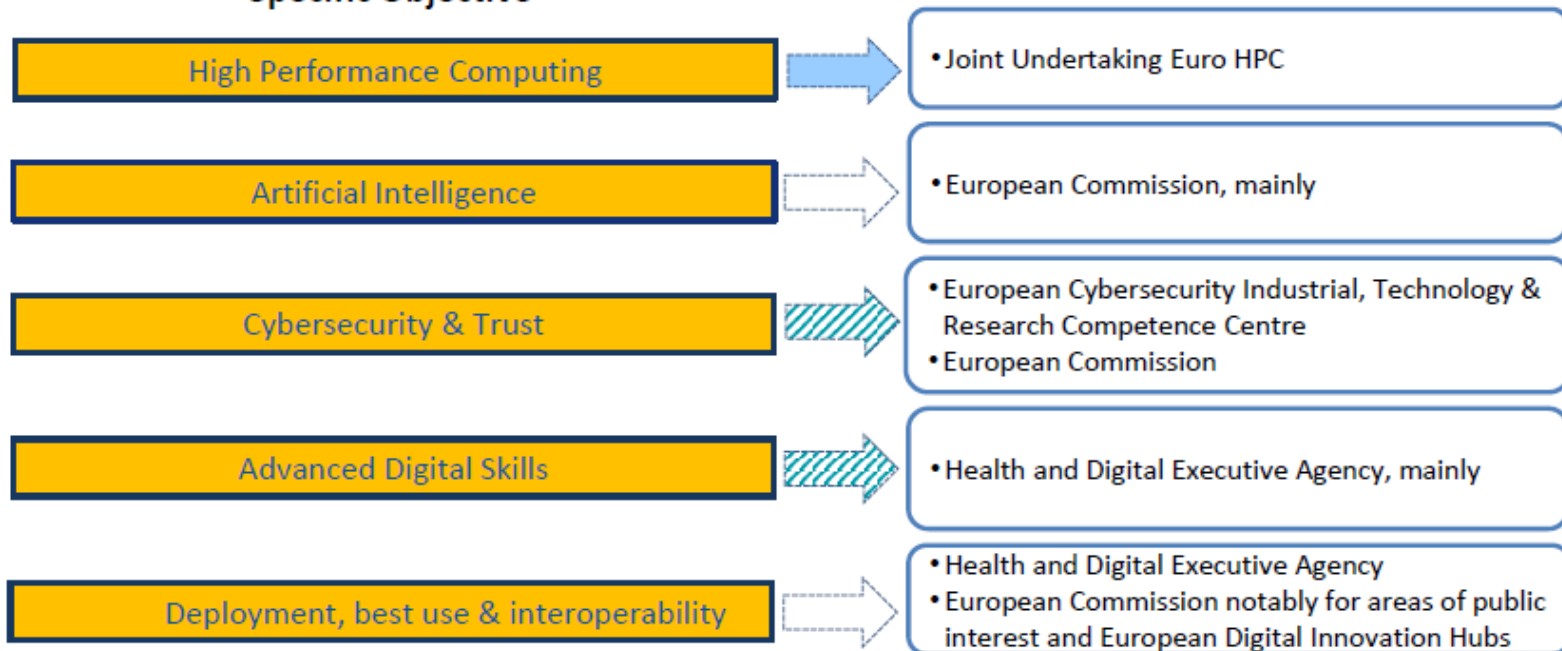


### Common grant preparation and management

IT-supported workflows,  
structured data entry...

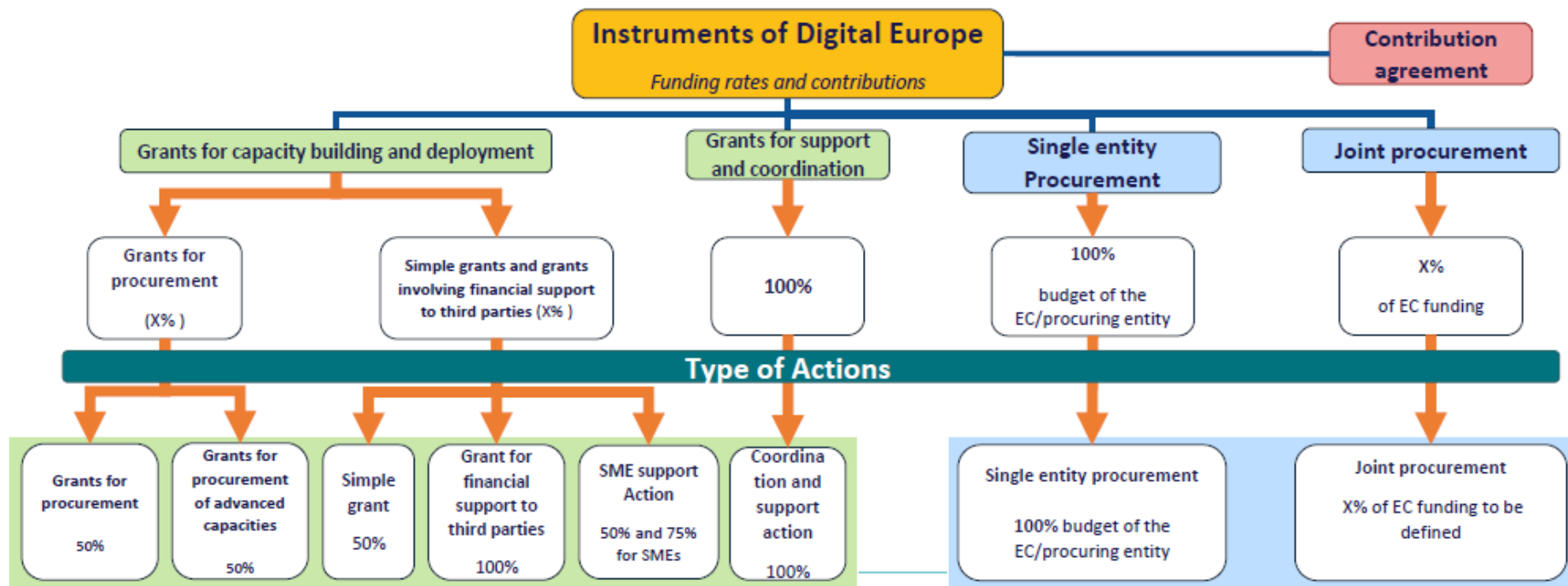
# Management Modes

## Specific Objective



Information provided in this presentation is still subject to the official approval of the Work Programme

# Instruments and types of actions



# Digital Europe on the Funding & tender portal



Funding & tender opportunities

Single Electronic Data Interchange Area (SEDIA)

English

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

News

### EU Programmes

Asylum, Migration and  
Integration Fund (AMIF)

Border Management and  
Visa Instrument (BMVI)

Citizens, Equality, Rights  
and Values Programme  
(CERV)

Creative Europe (CREA)

Digital Europe  
Programme (DIGITAL)

Europe Direct (ED)

European Parliament (EP)

European Solidarity  
Corpus (ESC)

Erasmus+ Programme  
(ERASMUS+)

European Social Fund +  
(ESF)

Innovation Fund  
(INNOV/FUND)

Internal Security Fund  
(ISF)

Horizon Europe  
(HORIZON)

Single Market  
Programme (SMP)

Social Pragmatic and  
Specific Competence  
Lines (SOCPL)

EU External Action  
(RELEX)

Justice Programme  
(JUST)

Pilot Projects and  
Preparatory Actions  
(PPPA)

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# Tentative timing for the first call

1 <sup>st</sup> Call	Period
Call opening	3 <sup>rd</sup> quarter of 2021
Deadline for submission	4 <sup>th</sup> quarter of 2021
Evaluation	1 <sup>st</sup> quarter of 2022
Information on evaluation results	2 <sup>nd</sup> quarter of 2022
GA signature	3 <sup>rd</sup> quarter of 2022

# **Unas palabras sobre Resc-EU Fund**



# En cuanto a RescEU Fund...



European Commission > European Civil Protection and Humanitarian Aid Operations > What we do > Civil protection

HOME WHO WE ARE WHAT WE DO WHERE WE WORK PARTNERSHIPS FUNDING & EVALUATIONS RESOURCES & CAMPAIGNS NEWS & STORIES

## rescEU

Factsheet > Share



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### What is it?

In 2019, the EU reinforced and strengthened components of its disaster risk management by upgrading the **EU Civil Protection Mechanism**. The latest element introduced - rescEU - has the objective of enhancing both the protection of citizens from disasters and the management of emerging risks. In addition, rescEU establishes a new European reserve of resources (the 'rescEU reserve') which includes a fleet of firefighting planes and helicopters, medical evacuation planes, as well as a stockpile of medical equipment and field hospitals that can respond to health emergencies, and chemical, biological, radiological, and nuclear incidents.

Search

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FACTS & FIGURES

rescEU is an extra layer of citizen protection in Europe  
It is integrated into the Union Civil Protection Mechanism  
rescEU strengthens European preparedness for disasters  
It boosts capacities to respond to forest fires, medical emergencies or chemical, biological, radiological, and nuclear incidents  
Medical stockpiles in 6 EU Member States allow for a quicker reaction to health crises

RELATED PAGES

Emergency Response Coordination Centre (ERCC)  
EU Civil Protection Mechanism  
Forest fires

[https://ec.europa.eu/echo/what/civil-protection/resceu\\_en](https://ec.europa.eu/echo/what/civil-protection/resceu_en)

- ❑ Mechanism for **protection of citizens from disasters and the management of emerging risks.**
- ❑ It includes a fleet of firefighting planes and helicopters, **medical evacuation planes**, as well as a stockpile of medical equipment and field hospitals that can respond to health emergencies, and **chemical, biological, radiological, and nuclear incidents.**
- ❑ They do also **annual call for projects** (typically in January open call) for R&I and implementation projects (DG-ECHO).

## A strengthened EU Civil Protection Mechanism endorsed by European Parliament

### Page contents

- Top
- Print friendly pdf
- Press contact

The European Parliament has voted for strengthening the role of the European Union (EU) in crisis management through a legislative revision of the EU Civil Protection Mechanism. This allows for faster and more effective European solidarity operations in response to large-scale emergencies or disasters that affect several countries at the same time. The EU will have at its disposal additional financial means for civil protection and will strengthen emergency tools such as the rescEU medical reserve of protective equipment. As a direct response to the ongoing COVID-19 pandemic, this boost to the EU Civil Protection will ensure that no EU Member State will face shortages of personal protective equipment in the future.

### New EU Civil Protection features

Enhanced European response capacities for large-scale crises that overwhelm national response capacities **via rescEU**:

- Enabling the Commission to **directly procure emergency capacities** in cases of urgency where national capacities are overwhelmed. For example, the procurement of equipment to deal with unforeseen emergencies.
- Offering suitable modes of **transport and logistic solutions** to Member States, for example, to repatriate EU citizens stranded outside the Union to safety, and to transfer medical personnel, medical equipment and therapeutics. The EU finances transport and logistics at 100% rate as part of rescEU capacities.

A faster European coordination of disaster response:

- Strengthening EU's Emergency Response Coordination Centre** – the EU's hub for crisis management – with enhanced operational, analytical, monitoring, information management and communication capabilities.

Better prevention and preparedness through:

- Defining **Union-wide resilience goals** and **scenario plans** together with Member States;
- Improving **disaster loss data** collection to support evidence-based scenario building.



+ info sobre programas y ayudas  
para la  
internacionalización de la I+D+I española



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