Direct Funds: the management of the European Union budget and the implementation of the financial framework (funding in the MFF 2021-2027, including Horizon Europe, and Next Generation EU)

Serena Borgna

Head of Institutional Department, APRE

borgna@apre.it

15 ys of experience in the European Framework Programmes

Head of **Institutional Department** in APRE

Areas of **thematic competencies** in HE:

- Cluster 6 Food, Bioeconomy, Natural Resources, Agricoltura and Environment
- Cluster 4 Digital, Industry and Space
- ERC – European Research Council

Areas of **cross cutting competencies** HE:

- European Partnership
- EU Mission
- Progettazione

SERENA BORGNA

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MISSION

Supporting and promoting the **Italian participation in the EU Framework Programmes** for Research and Innovation *through*

- Information
- Training
- Assistance

APRE STORYLINE

APRE takes its first steps as European Research Task Force
on initiative of MURST - Ministry of University, Scientific and Technological Research

It hosts EU Framework Program's Focal Point

It hosts all the Horizon Europe NCPs for Italy

1989   **1990**   **1990**   **2014**   **2021**

It turns into a non-profit association
to provide free service on supporting anyone who requests it.

It hosts all the H2020 NCPs for Italy

NCPs – National Contact Points – are appointed by Italian Ministry for University and Research on behalf of the European Commission, offering free-of-charge information and assistance for the participation in the EU Framework Programmes for R&I.

+150 APRE ASSOCIATED MEMBERS

APRE associated members share the mission of the Agency. They are among the most important Italian representatives from the **public and the private R&I sector**, and they come from:

- **University and Research**
- **Industry**
- **Parks and Scientific & Technological Districts**
- **Public Administration**
- **Associative and chamber system**
- **Finance**

APRE ASSOCIATED MEMBERS

+40 EXPERTS

- **Project managers**
- **Policy analysts**
- **Thematic experts**
- **Media and Communication experts**
- **Professionals in Stakeholder Engagement**
- **Legal and financial consultants**
- **Innovation managers**

INFORMATION

APRE drafts **informative products** and provides **thematic insights**.

APRE organizes **events and workshops** promoting networking opportunities for the Italian R&I community.

ASSISTANCE

APRE provides **free-of-charge assistance** to all actors from the Italian R&I system in order **to facilitate their participation in the Framework Programmes**.

APRE Thematic teams offer free-of-charge assistance on:

- Participation in the Framework Programmes' calls
- Administrative, contractual and reporting procedures
- Sub-programmes (objectives and policies)

- Financial instruments
- Proposal preparation (template and proposal interpretation)
- Partner search at national and international level

HORIZON EUROPE

«To each program, its Team»

APRE thematic Teams work to provide INFORMATION and ASSISTANCE on the specific programmes

TRAINING

APRE offers training opportunities on the policies, topics and aspects of the EU Framework Programmes for Research and Innovation.

NCPs and APRE experts make their **knowledge and competencies available to the Italian community** through different and innovative formats.

APRE
**Agenzia per la Promozione
della Ricerca Europea**

✉ **APREmailing**
Information update service

🌐 www.apre.it

📞 06 48 93 99 93

@ segreteria@apre.it

MFF 2021-2027: A BUDGET FOR EUROPE'S PRIORITIES
Simplification, transparency and flexibility

In billion euro, current prices

I. SINGLE MARKET, INNOVATION AND DIGITAL
€187.4

1 Research and Innovation
2 European Strategic Investments
3 Single Market
4 Space

II. COHESION AND VALUES
€442.4

5 Regional Development and Cohesion
6 Economic and Monetary Union
7 Investing in People, Social Cohesion and Values

III. NATURAL RESOURCES AND ENVIRONMENT
€378.9

8 Agriculture and Maritime Policy
9 Environment and Climate Action

IV. MIGRATION AND BORDER MANAGEMENT
€34.9

10 Migration
11 Border Management

V. SECURITY AND DEFENCE
€27.5

12 Security
13 Defence
14 Crisis Response

VI. NEIGHBOURHOOD AND THE WORLD
€123

15 External Action
16 Pre-Accession Assistance

VII. EUROPEAN PUBLIC ADMINISTRATION
€85.3

17 European Public Administration

€27.5
€187.4
€123
€85.3
€34.9
€442.4
€1279.4
€378.9

Source: European Commission

European Commission

EU expenditure for 2021-2027

All amounts in € billion (2018 prices)

TOTAL BUDGET
1 824.3

NEXT GENERATION EU (NGEU)	MFF 2021-2027
750	1 074.3

Climate and digital mainstreaming
Climate: target 30% of spending across programmes
Digital: priority across programmes, 20% of Recovery and Resilience Facility

1 Single Market, Innovation and Digital

European Strategic Investments
35

Research and innovation
88.2

NGEU MFF
143.4

Space
13.4

Single Market
5.9

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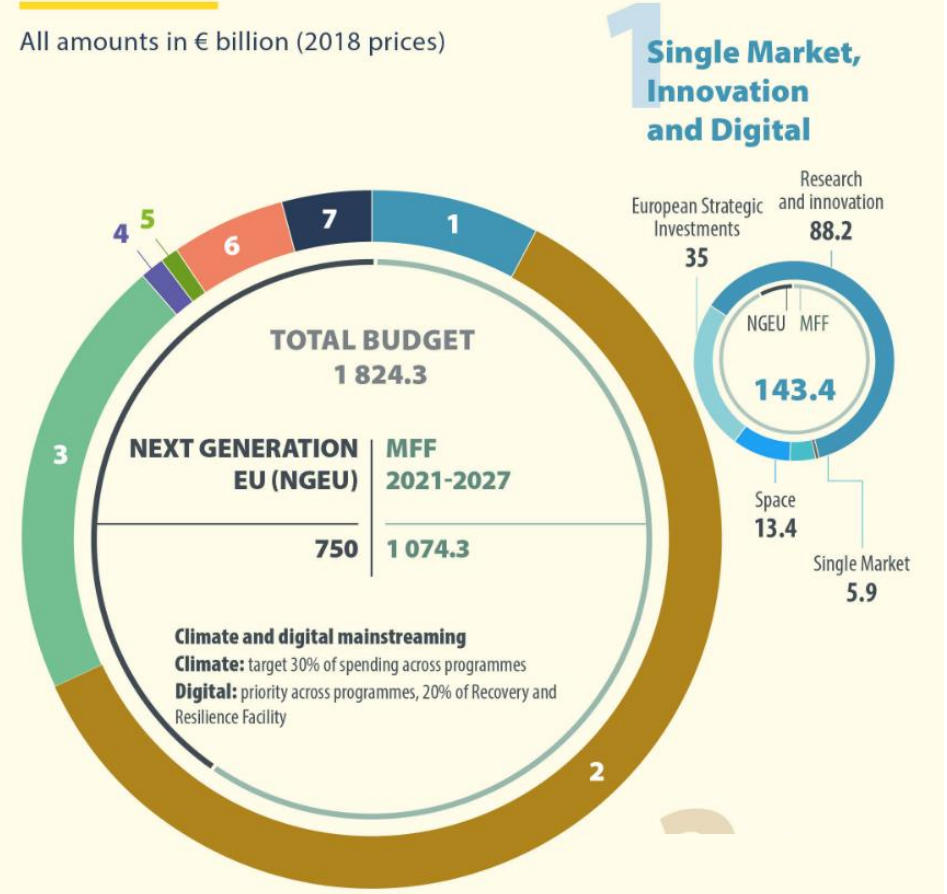
Focus Next Generation Eu

NextGenerationEU: KEY FEATURES

RECOVERY AND RESILIENCE FACILITY
EUR 723.8 billion
338.0 in grants   **385.8** in loans

POWER UP
Clean technologies and renewables

RENOVATE
Energy efficiency of buildings

RECHARGE AND REFUEL
Sustainable transport and charging stations

CONNECT
Roll-out of rapid broadband services

MODERNISE
Digitalisation of public administration

SCALE UP
Data cloud and sustainable processors

RESKILL AND UPSKILL
Education and training to support digital skills

NextGenerationEU
€806.9
billion
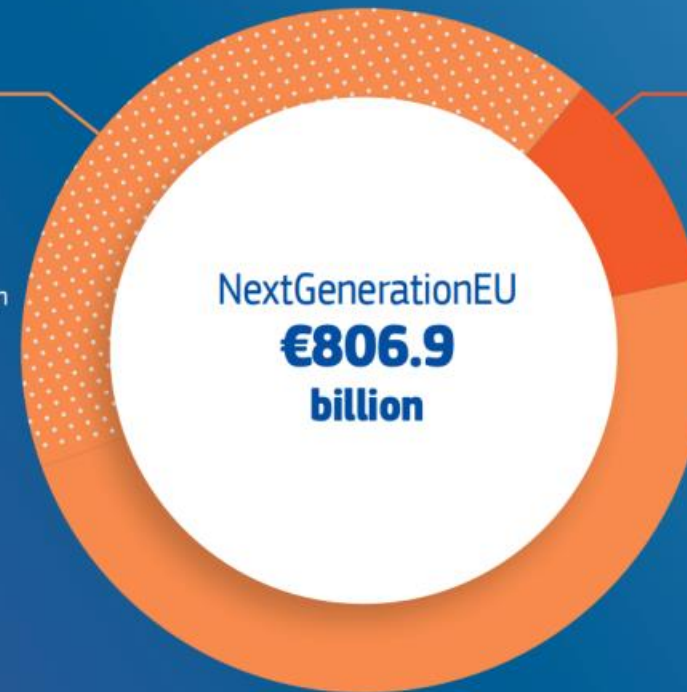
NextGenerationEU CONTRIBUTION TO OTHER PROGRAMMES
EUR 83.1 billion

REACT-EU
50.6

JUST TRANSITION FUND
10.9

RURAL DEVELOPMENT
8.1

INNVESTEU
6.1

HORIZON EUROPE
5.4

RESCEU
2.0

All amounts are in billion EUR, in current prices, as of November 2020.
Source: European Commission.

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Main programmes and funds under the multiannual financial framework

All amounts in € billion (2018 prices)

Cohesion Policy 330.2
- Cohesion Fund (CF) 42.6
- European Regional Development Fund (ERDF) 200.4
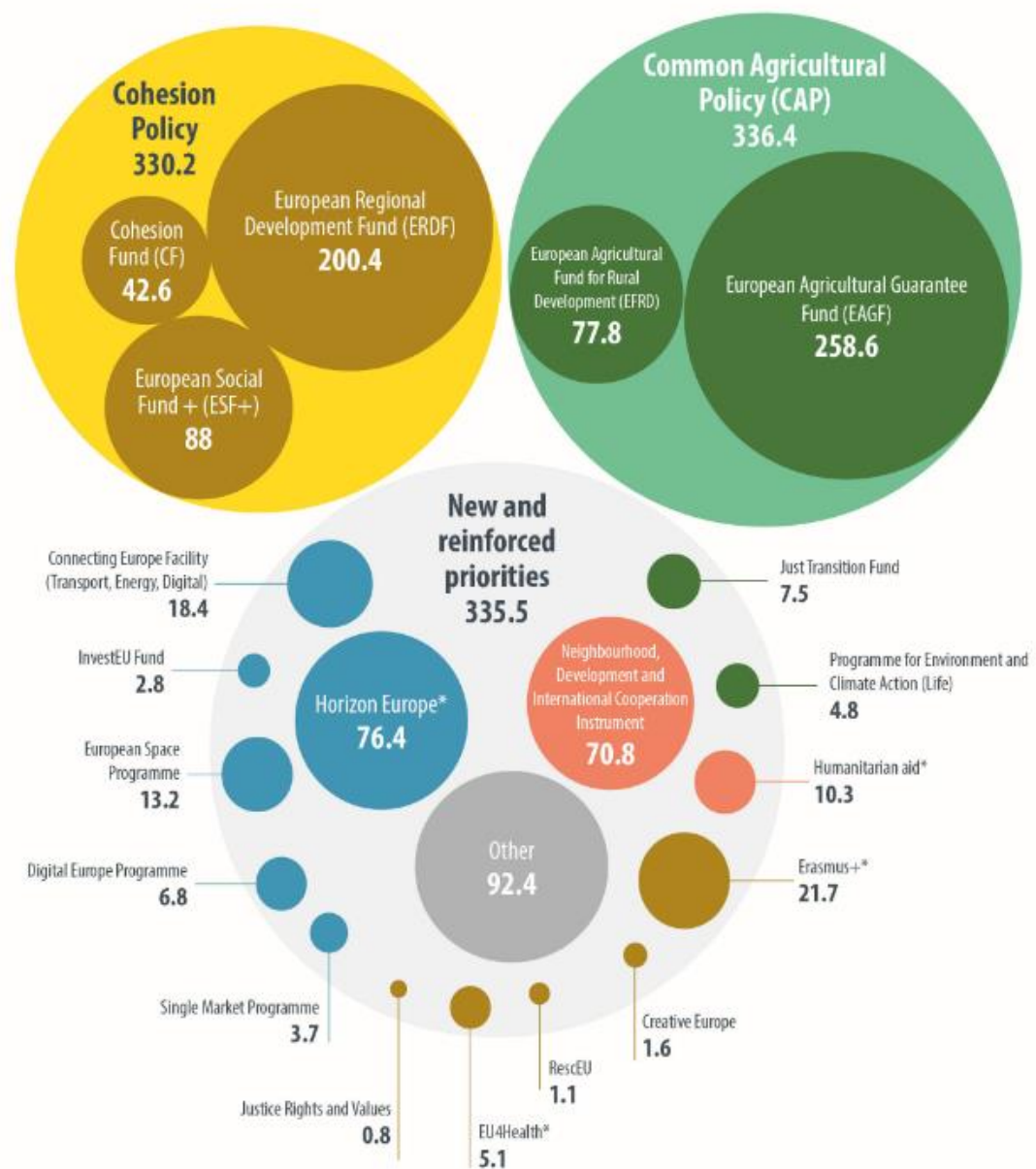- European Social Fund + (ESF+) 88

Common Agricultural Policy (CAP) 336.4
- European Agricultural Fund for Rural Development (EFRD) 77.8
- European Agricultural Guarantee Fund (EAGF) 258.6

New and reinforced priorities 335.5
- Connecting Europe Facility (Transport, Energy, Digital) 18.4
- InvestEU Fund 2.8
- European Space Programme 13.2
- Digital Europe Programme 6.8
- Single Market Programme 3.7
- Justice Rights and Values 0.8
- EU4Health* 5.1
- RescEU 1.1
- Creative Europe 1.6
- Horizon Europe* 76.4
- Neighbourhood, Development and International Cooperation Instrument 70.8
- Other 92.4
- Just Transition Fund 7.5
- Programme for Environment and Climate Action (Life) 4.8
- Humanitarian aid* 10.3
- Erasmus+* 21.7

GREEN TRANSITION
- Cohesion policy
- Common agricultural policy
- Just Transition Fund
- Horizon Europe
- Recovery and Resilience Facility
- LIFE programme
- Connecting Europe Facility

DIGITAL TRANSITION
- Horizon Europe
- Digital Europe programme
- Connecting Europe Facility
- Cohesion policy
- Recovery and Resilience Facility

HUMAN CAPITAL
- European Social Fund+
- Erasmus+
- European Solidarity Corps
- Horizon Europe
- Creative Europe

OPEN STRATEGIC AUTONOMY
- European Defence Fund
- European space programme
- Military mobility
- EU4Health
- Horizon Europe
- Common foreign and security policy

FOSTERING INVESTMENTS
- InvestEU
- Cohesion policy
- European Fund for Sustainable Development+
- Single Market programme
- Recovery and Resilience Facility

Eu programmes: implementation modes

All the programmes funded by the EU budget fall under one of three types of implementation modes depending on the nature of the funding concerned:

- **direct management: EU funding is managed directly by the European Commission**

- **shared management**: the European Commission and national authorities jointly manage the funding

- **indirect management**: funding is managed by partner organisations or other authorities inside or outside the EU

In direct management, the European Commission is directly responsible for all steps in a programme's implementation:
- launching the calls for proposals
- evaluating submitted proposals
- signing grant agreements
- monitoring project implementation
- assessing the results
- making payments

These tasks are carried out by the Commission's departments, at its headquarters, in the EU delegations or through EU executive agencies; there are no third parties.
Programmes implemented in direct management account for around 20% of the EU budget 2021-2027.
Calls for proposals under direct management are published on the Funding and Tenders Portal (SEDIA)

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Orientation in EU programmee

Asylum, Migration and Integration Fund (AMIF)	Border Management and Visa Policy Instrument (BMVI)	Citizens, Equality, Rights and Values Programme (CERV)	Connecting Europe Facility (CEF)	Creative Europe Programme (CREA)	Customs Control Equipment Instrument (CCEI)
Customs Programme (CUST)	Digital Europe Programme (DIGITAL)	Erasmus+ (ERASMUS+)	EU External Action (RELEX)	EU4Health Programme (EU4H)	Euratom Research and Training Programme (EURATOM)
Europe Direct (ED)	European Defence Fund (EDF)	European Maritime, Fisheries and Aquaculture Fund (EMFAF)	European Parliament (EP)	European Social Fund + (ESF)	European Solidarity Corps (ESC)
Fiscalis Programme (FISC)	Horizon Europe (HORIZON)	Information Measures for the EU Cohesion policy (IMREG)	Innovation Fund (INNOVFUND)	Internal Security Fund (ISF)	Interregional Innovation Investments Instrument (I3)
Just Transition Mechanism (JTM)	Justice Programme (JUST)	Neighbourhood, Development and International Cooperation Instrument – Global Europe (NDICI)	Pilot Projects and Preparation Actions (PPPA)	Programme for the Environment and Climate Action (LIFE)	Programme for the Protection of the Euro against Counterfeiting (PERICLES IV)
Promotion of Agricultural Products (AGRIP)	Research Fund for Coal & Steel (RFCS)	Single Market Programme (SMP)	Social Prerogative and Specific Competencies Lines (SOCPL)	Technical Support Instrument (TSI)	Union Anti-fraud Programme (EUAF)
Union Civil Protection Mechanism (UCPM)	Union Renewable Energy Financing Mechanism (RENEWFM)				

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Synergies with other Union programmes

HORIZON EUROPE

Other Union Programmes, including

Common Agricultural Policy	InvestEU	ESF+	Innovation Fund
External Instrument	LIFE	Digital Europe	Internal Security Fund and Instrument for Border Management
Maritime & Fisheries Fund	EU4Health	Space Programme	
Connecting Europe Facility	ERDF	ERASMUS+	Single Market Programme
Just Transition Mechanism		Creative Europe	Recovery and Resilience Facility

Enhanced synergies

COMPATIBILITY
Harmonisation of funding rules; flexible co-funding schemes; pooling resources at EU level

COHERENCE & COMPLEMENTARITY
Alignment of strategic priorities in support of a common vision

HORIZON EUROPE

95,5 billion €

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

to strengthen the EU's scientific and technological bases and the European Research Area (ERA)

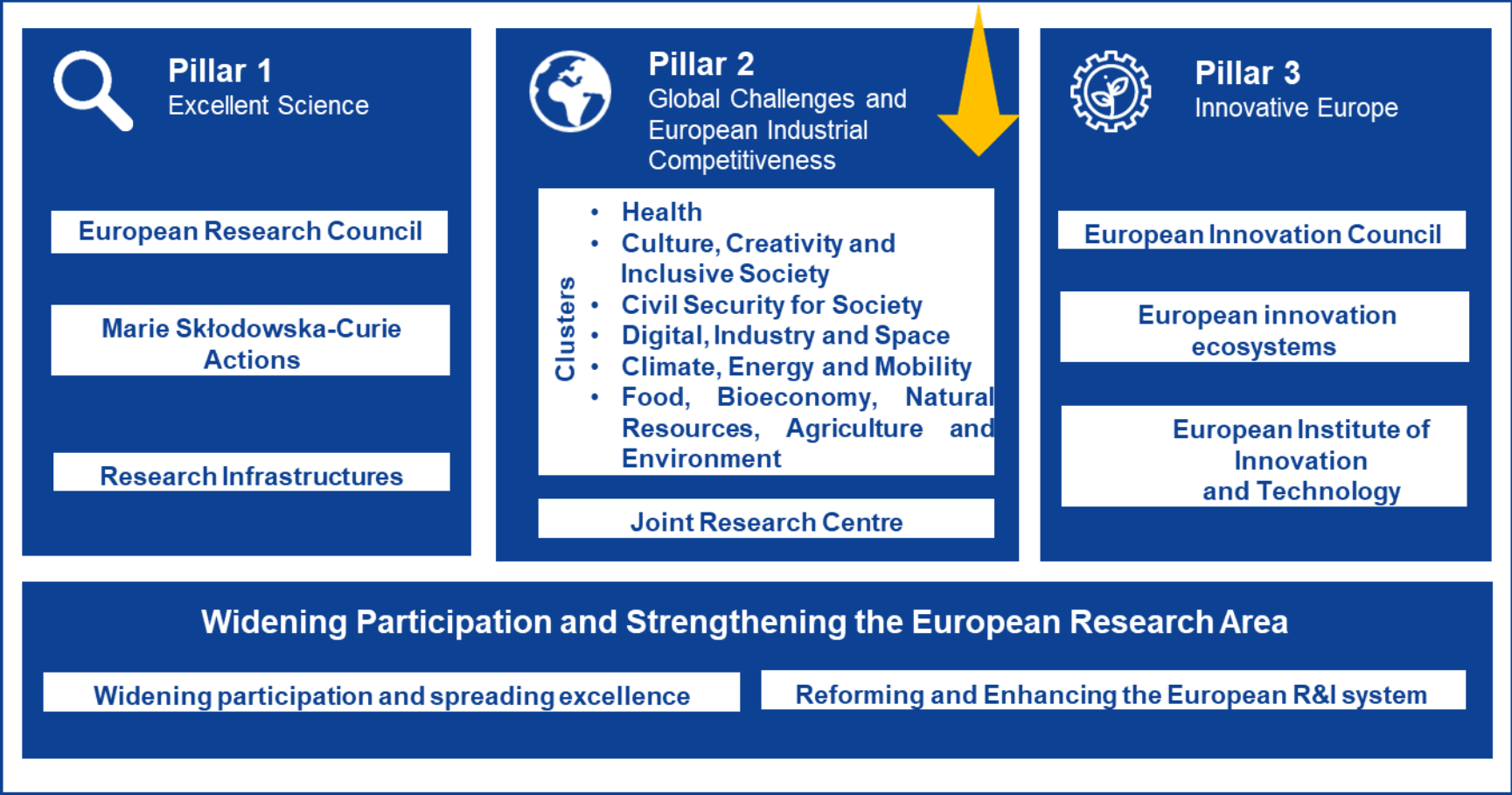to boost Europe's innovation capacity, competitiveness and jobs

to deliver on citizens' priorities and sustain our socio-economic model and values

Scientific

Economic

Social

DIMENSION

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Horizon Europe: structure

Tema	Miliardi €	% sul totale
Pillar I	**25,013**	**26,19%**
ERC	16,004	16,75%
MSCA	6,603	6,91%
Reasearch Infrastructures	2,406	2,52%
Pillar II	**53,517**	**56,03%**
Clusters	51,547	53,96%
1. Health	8,246	8,63%
2. Culture Creativity Inclusive Society	2,281	2,39%
3. Civil Security for Society	1,597	1,67%
4. Digital, Industry and Space	15,348	16,07%
5. Cimate, Energy and Mobility	15,123	15,83%
6. Food, Bioeconomy, Natural Resources, Agriculture, Environment	8,952	9,37%
JRC	1,970	2,06%
Pillar III	**13,599**	**14,24%**
EIC	10,105	10,58%
Innovation Ecosystems	0,528	0,55%
EIT	2,966	3,11%
Strengthening ERA	**3,393**	**3,55%**
Widening participation spreading exc.	2,955	3,09%
EU R&I System	0,438	0,46%
TOTALE	**95,522**	**100,00%**

ERC

CL 4-5

EIC

WHO CAN PARTICIPATE

Art. 22.1 – Horizon Europe Regulation

"Any legal entity, regardless of its place of establishment and including legal entities from non-associated third countries or international organisations, may participate in actions under the Programme, provided that the conditions laid down in this Regulation have been met together with any conditions laid down in the work programme or call for proposals."

Legal status :
natural persons, legal persons, entities without legal personality.

HOW PARTICIPATE (COLLABORATIVE RESEARCH)

Art. 22.2 – Horizon Europe Regulation

"Except in duly justified cases where the work programme otherwise provides, legal entities forming a consortium shall be eligible for participation in actions under the Programme provided that the consortium includes:

- *(a) at least one independent legal entity established in a Member State; and*

- *(b) at least two other independent legal entities each established in different Member States or associated countries**

* *"unless: (a) the work programme provides otherwise, if duly justified…"*

Minimum conditions for CONSORTIA:
- At least **3 indipendent entities**
- established *in **3 different Member States or Associated Countries**.*
- At least 1 entity established in a **Member State**

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TYPE OF ACTIONS

Type of Action		Funding Rate	Comment
RIA	Research & Innovation Actions	100%	Establish new knowledge and/or explore the feasibility of a new or improved technology
IA	Innovation Actions	70% (100% for public & non-profit organization)	Produce plans & arrangements or designs for new, altered or improved products, processes or services
CSA	Coordination and Support Actions	100%	Contribute to the objectives of the Horizon Europe Programme, excluding research and innovation activities

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Evaluation criteria (RIAs and IAs)

EXCELLENCE

✓ Clarity and pertinence of the **project's objectives**, and the extent to which the proposed work is ambitious, and goes beyond the state-of-the-art.

✓ Soundness of the proposed **methodology**, including the underlying concepts, models, assumptions, inter-disciplinary approaches, appropriate consideration of the **gender dimension** in research and innovation content, and the quality of **open science practices** including sharing and management of research outputs and engagement of citizens, civil society and end users where appropriate.

IMPACT

✓ Credibility of the **pathways** to achieve the expected **outcomes and impacts** specified in the work programme, and the likely scale and significance of the contributions due to the project.

✓ Suitability and quality of the **measures to maximize expected outcomes and impacts**, as set out in the dissemination and exploitation plan, including communication activities.

QUALITY AND EFFICIENCY OF THE IMPLEMENTATION

✓ Quality and effectiveness of the **work plan**, assessment of risks, and appropriateness of the effort assigned to work packages, and the resources overall.

✓ Capacity and role of each **participant**, and extent to which the **consortium** as a whole brings together the necessary expertise.

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European Commission

Horizon Europe Work Programmes
How an HE Work Programme is structured

Work Programme 2023-24

- General Intro
- MSCA
- RI
- 6 Clusters
- EIC
- WIDENING
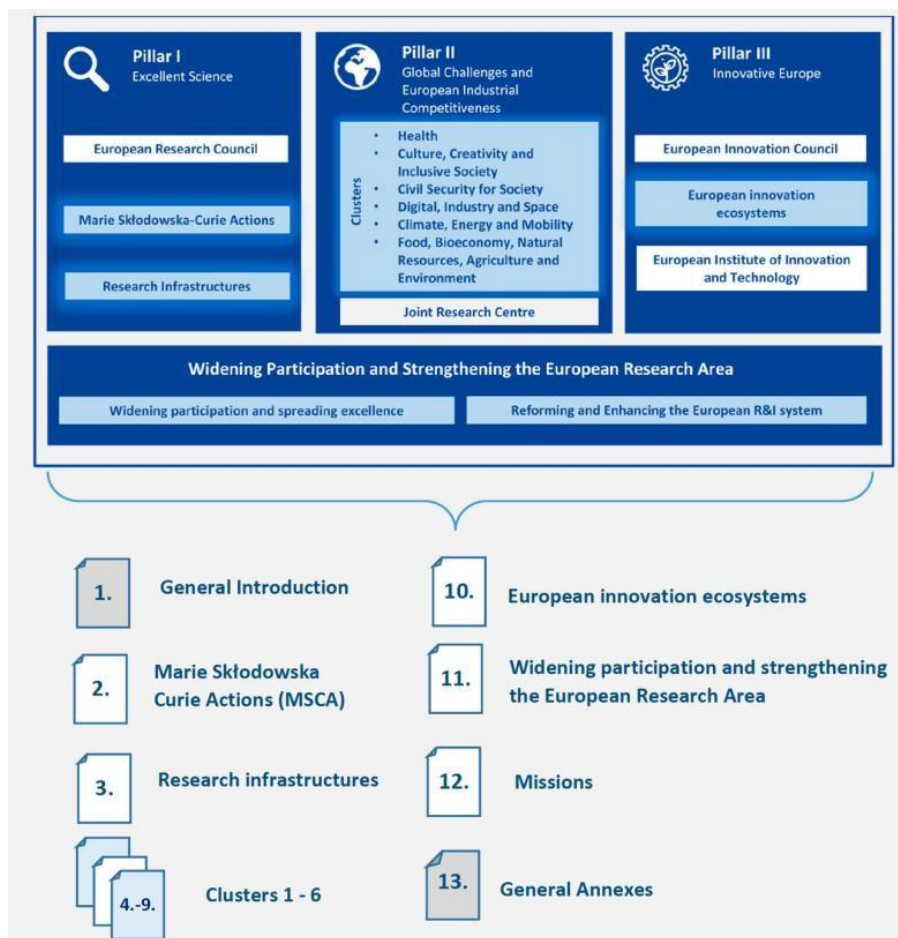
Documents :

- Strategic Plan 2021-24
- Work Programme 23-24
- Proposal Template
- Model Grant Agreement (MGA)

EXAMPLES OF TOPIC (Cluster 6 – WP 2024)

- HORIZON-CL6-2024-FARM2FORK-01-3

- Thematic network tackling food fraud by translating research and innovation into practice

- CSA – Coordination and Support Action

- 2 million € for project

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HORIZON-CL6-2024-FARM2FORK-01-3

POLICY CONTEXT

EUROPEAN GREEN DEAL - Farm to Fork - **FOOD** 2030

- Research and Innovation topic in line with the European Green Deal priorities, the Farm to Fork strategy for a fair, healthy and environment-friendly food systems and the FOOD 2030 policy framework

Contribute to widespread the new knowledge and innovative solutions generated in EU projects to tackle food fraud in the food supply chain

EXPECTED OUTCOMES

- **Widespread use of existing new knowledge and innovative solutions** by end-users tackling food fraud;

- **Better incorporation of the end-users' needs into the activities of research and innovation communities**, which would generate a better targeted and shared food fraud research agenda for innovation-driven research.

- **Improved skills and long-term availability of training and education material** and on-line communities for end-users on how to tackle food fraud.

Related impact: sustainable, healthy and inclusive food systems delivering co-benefits

SCOPE

- **Development of a community of practice** to foster knowledge exchange between end users and research and innovation ecosystems who will work together mapping existing food fraud practices.

- **Compilation of a comprehensive description of the state of new knowledge**, practices, procedures, systems and technologies tackling food fraud. Proposals **should focus on the cost/benefit aspects of the practices and innovations collected**

- **Identification and mapping of possible relations and synergies** with other networks, projects, initiatives and policy and funding instruments at regional, national and European level

- **Creation of tailor-made communication materials summarizing**, sharing and presenting, in a language easily understandable for end-users, existing best practices and innovations that are close to implementation into practice

KEEP IN MIND

- **CSA – Coordination and Support Action**

- Multi-actor approach

- **Thematic network**

- Highly encouraged a 3 years project duration

- **Seek synergies with projects from HORIZON-CL6-2021-FARM2FORK-01-07, HORIZON-CL6-2021-FARM2FORK-01-17, HORIZON-CL6- 2022-FARM2FORK-01-11 and HORIZON-CL6-2022-FARM2FORK-01-04.**

European Commission

EXAMPLES OF PROJECT FUNDED UNDER HORIZON EUROPE

https://watsonproject.eu/

A holistic frameWork with Anticounterfeit and inTelligence-based technologieS that will assist food chain stakehOlders in rapidly identifying and preveNting the spread of fraudulent practices.

EXAMPLES OF PROJECT FUNDED UNDER HORIZON EUROPE

https://theros-project.eu

An integrated toolbox for improved verification and prevention of adulterations and non-compliances in organic and geographical indications food supply chain

EXAMPLES OF PROJECT FUNDED UNDER HORIZON EUROPE

https://alliance-heu-project.eu/

A hoListic framework in the quality Labelled food supply chain systems' management towards enhanced data Integrity and verAcity, interoperability, traNsparenCy, and tracEability

EXAMPLES OF PROJECT FUNDED UNDER HORIZON EUROPE

https://www.falcon-horizon.eu/

Current evidence suggests that the global fight against corruption faces serious challenges: policy decisions are not well informed, the corruption landscape is complex and enormous, while measuring corruption is so far mostly based on subjective approaches, and there is lack of appropriate technological tools to support anti-corruption. To address these challenges, FALCON is designed and dedicated to support the composition, update and management of comprehensive corruption intelligence pictures, within domains and jurisdictions of interest. This will be accomplished following a multi-actor, evidence-based, data-driven approach, building upon existing assets and prior work of consortium partners. FALCON will, first, develop and validate objective and actionable indicators (individual and composite) of corruption that can be used to inform policy decisions. Second, it will design, implement and integrate powerful data analytics tools, data pipelines and applications that support the management of the entire lifecycle of corruption intelligence pictures. This will enable comprehensive corruption risk assessment, informed policy making, and improved anticorruption law enforcement

FALCON - Fight Against Large-scale Corruption and Organised Crime Networks

APRE

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Thank you for your attention!

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