



Introduction to Horizon Europe

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Project Manager



ERINN Innovation

Guide and Accelerate Research & Innovation to Deliver a Sustainable Future

- Multi-disciplinary team of over 35
- Involved throughout the funding life cycle:
 - **Proposal support** services
 - **Training and capacity** building
 - **Project partners:** work package leaders in communication, dissemination, and exploitation; knowledge transfer; coordination; advisory boards, etc.
 - **Knowledge transfer:** effective transfer of research results to industry, policy and society



We Support Others



Bord na Móna



TÜBİTAK



We Partner in Projects – Over 20 live EC projects



Horizon Europe Basics



The Policy Context

Commission Priorities (2024-2029)



A free &
democratic Europe



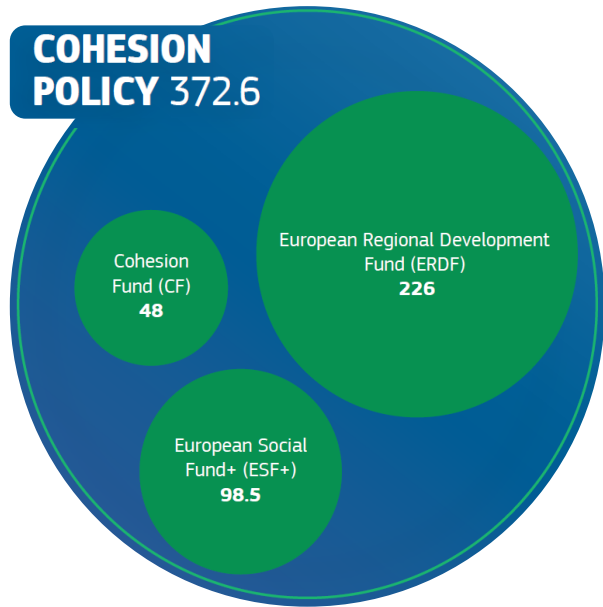
A strong and
secure Europe



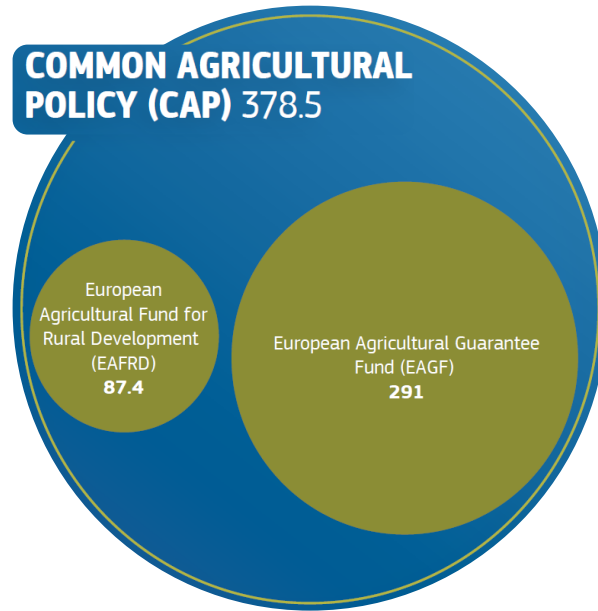
A prosperous &
competitive
Europe



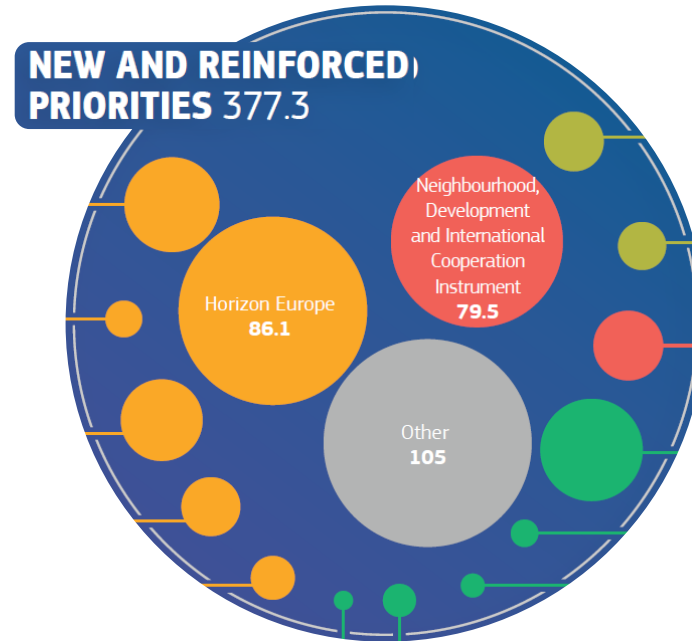
The Multiannual Financial Framework (MFF) 2021-2027



Cohesion, Resilience and Values



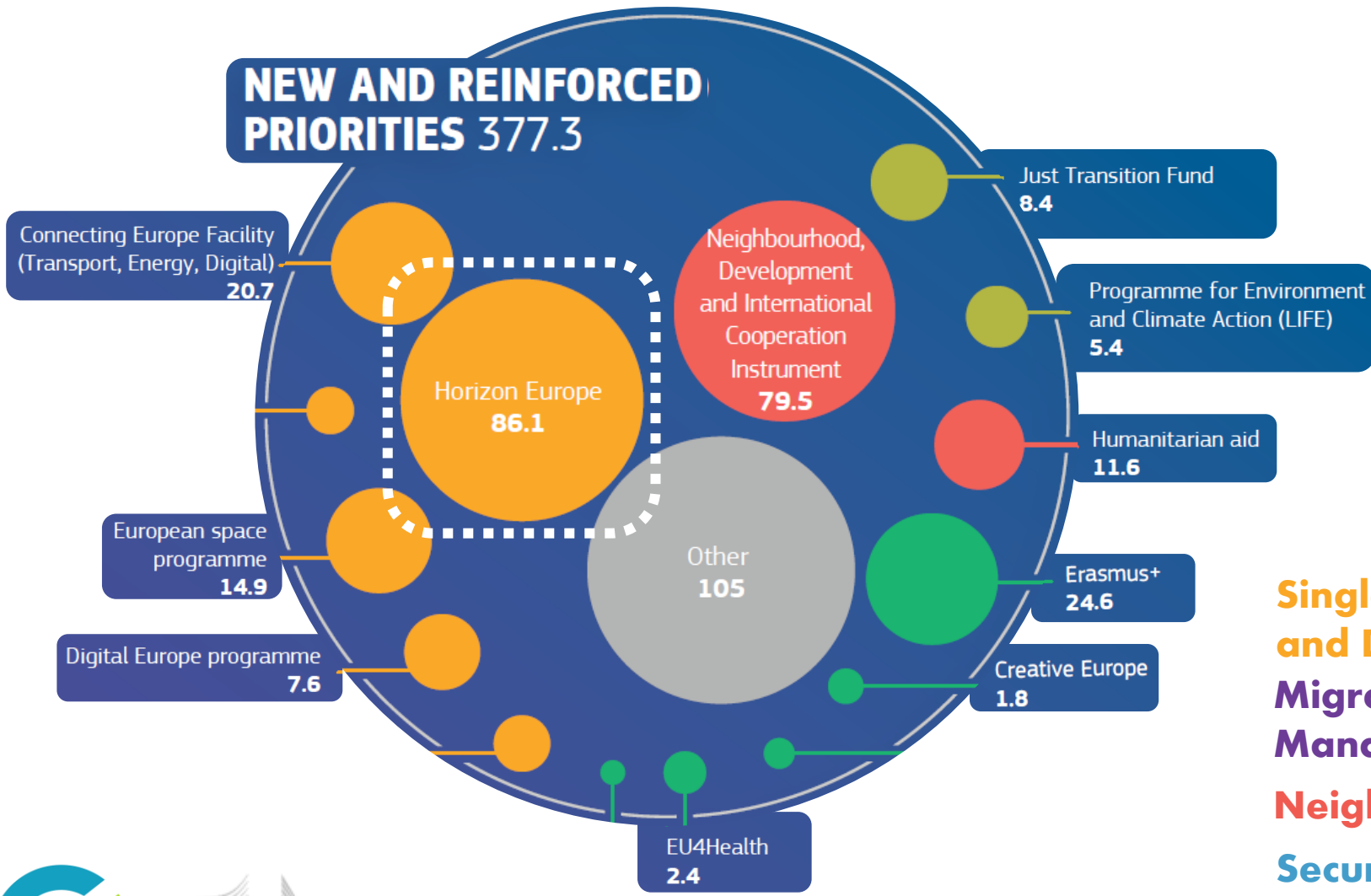
Natural Resources and Environment



Single Market, Innovation and Digital
Migration & Border Management
Neighbourhood & the World
Security & Defence
European Public Administration



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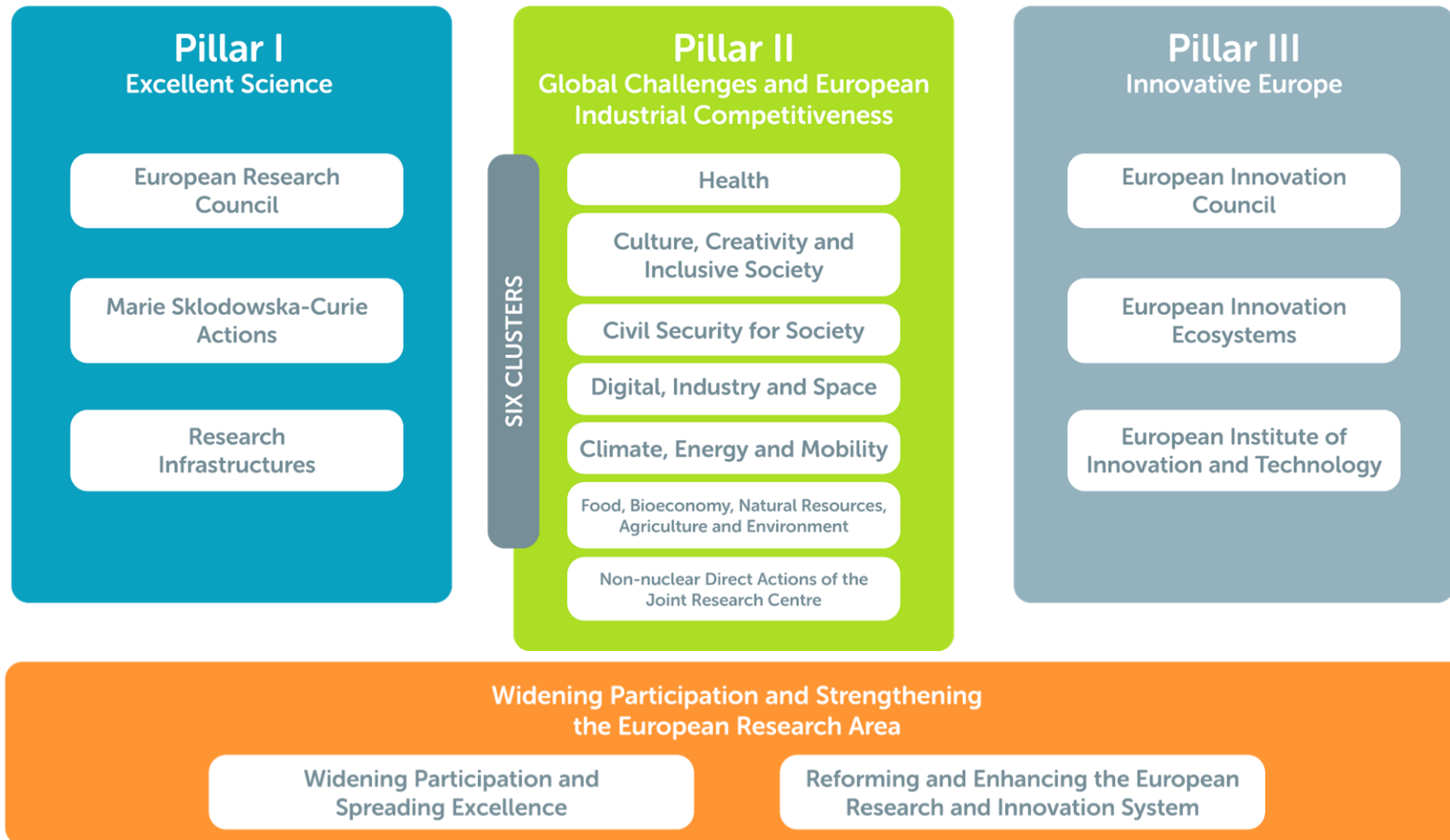


- Single Market, Innovation and Digital
- Migration & Border Management
- Neighbourhood & the World
- Security & Defence
- European Public Administration



Horizon Europe

EU's key funding programme for research and innovation



Horizon Europe – Pillar II (Societal Challenges)

55%

SIX CLUSTERS

Pillar II

Global Challenges and European Industrial Competitiveness

Health

Culture, Creativity and Inclusive Society

Civil Security for Society

Digital, Industry and Space

Climate, Energy and Mobility

Food, Bioeconomy, Natural Resources, Agriculture and Environment

Non-nuclear Direct Actions of the Joint Research Centre



Pillar II – Clusters & Destinations

Cluster I - Health

1. Staying healthy in a rapidly changing society
2. Living and working in a health-promoting environment
3. Tackling diseases and reducing disease burdens
4. Ensuring access to 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 and globally competitive health industry

Cluster II - Culture, Creativity & Inclusive Society

1. Innovative research on Democracy and governance
2. Innovative research on European cultural heritage and the cultural and creative Industries - building from the past
3. Innovative research on Social and economic transformations

Cluster III - Civil Security for Society

1. Better protect the EU and its citizens against crime and terrorism
2. Effective management of EU external borders
3. Resilient Infrastructures
4. Increased cybersecurity
5. A disaster-resilient society for Europe
6. Strengthened Security Research and Innovation

Cluster IV - 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 & emerging technologies for competitiveness and fit for the green deal
5. Open strategic autonomy in developing and using global space-based infrastructure, services, applications and data.
6. A human-centred and ethical development of digital and industrial technologies

Cluster V - Climate, Energy and Mobility

1. Climate sciences and responses for the transformation towards climate neutrality
2. Cross-sectoral solutions for climate transition
3. Sustainable, secure and competitive energy supply
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 VI - Food, Bioeconomy, Natural Resources, Agriculture & 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 & digital solutions in support of the Green Deal

Pillar II – Clusters VI

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Climate Change



Cancer



Protecting
Oceans & Waters



Climate-Neutral
& Smart Cities



Healthy Soils

Horizon Europe – Joint Undertakings

- Co-funded by EC and Industry
- Have their own work-programmes
- Strategic and impact-driven
- Partnerships with private or public sector partners
- Nine institutionalised European Partnerships
 - i.e. *Circular Bio-based Europe, Key Digital Technologies*



Horizon Europe: Getting Involved



Types of Horizon Europe Actions

Research and Innovation Actions (RIA)

- Basic and applied research
- Integration, testing, demonstration and validation of a **small-scale prototype** in a laboratory or simulated environment.
- Funding – 100% for all partners

Coordination and Support Actions (CSA)

- Awareness-raising, communication, networking
- Funding – 100% for all partners

Innovation Actions (IA)

- Testing, demonstrating, piloting
- Large-scale product validation
- Funding:
 - 70% for-profit companies
 - 100% non-profits



Project Characteristics



5 - 20 Partners



€2M – 20M Budget



2 – 5 years



Minimum 3 countries



Coordinators vs Partners



Example – Palu Demos

Paludiculture for sustainable agriculture in wetlands

- 4 year project, 26 partners, €11 million
- Water table management
- Three demonstration sites: Ireland, Netherlands & UK
- Aims:
 - Reduce greenhouse gas emissions from drained peatlands.
 - Create sustainable practices at sites.
 - Stimulate the market.
 - Provide policy recommendations.



Example – SCORE

Smart control of the climate resilience in European coastal cities

- 4-year project, 28 partners, €10 million
- Climate Adaptation
- 10 Living Labs: 2 in Ireland (Sligo & Dublin)
- Aims:
 - Create a network of 10 coastal city ‘living labs’ (CCLLs)
 - Addressing water and climate-related hazards
 - Solutions combine Ecosystem-Based Approach (EBAs) and SMART technologies



Tips & Tricks

- Be a partner, not a coordinator.
- Possible roles:
 - Demonstrators
 - Stakeholder engagement
 - Co-creation activities
 - Citizen Science
 - Living Labs / Hubs / Lighthouses
- Align your organisation with established organisations (i.e., UCD, Teagasc, etc.)
- Very competitive, balance effort vs reward



Resources

- ERINN delivers online and in-person [training courses](#)
- [CORDIS](#) for all projects & partners
- [Horizon Europe Info Days](#)
- [Irish Support Network](#)





Thank you

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