HaDEA
European Health and Digital Executive Agency

Sinergie tra programmi europei nel settore della salute e del digitale

Marina ZANCHI, Director of HaDEA

ProMIS Summer School, Palermo, 6 luglio

Our Agency

The European Health and Digital Executive Agency (HaDEA) implements European programmes and initiatives on behalf of the European Commission, by managing projects that are related to health, digital, food, industry and space.
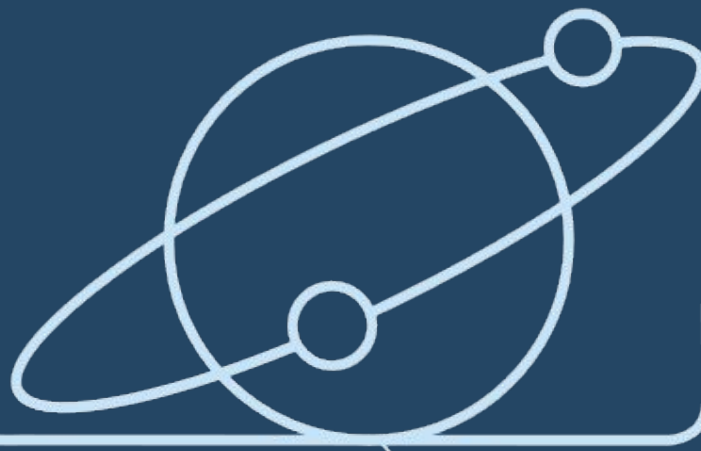
Health

Food

Industry

Space

Digital

Vision

A Europe that will be greener, more digital, more resilient and better fit for the current and forthcoming challenges

European Commission

The EU programmes we manage

Health

EU4Health

Horizon Europe – Health

Food

Single Market Programme (SMP): Food Safety

Digital

Horizon Europe – Digital

Connecting Europe Facility – Digital

Digital Europe Programme

Industry

Horizon Europe – Industry

Space

Horizon Europe – Space

Parent DGs: SANTE, HERA, RTD, CONNECT, GROW, DEFIS

European Commission

HaDEA's beneficiaries

Industry/SMEs

Research institutes

Academia

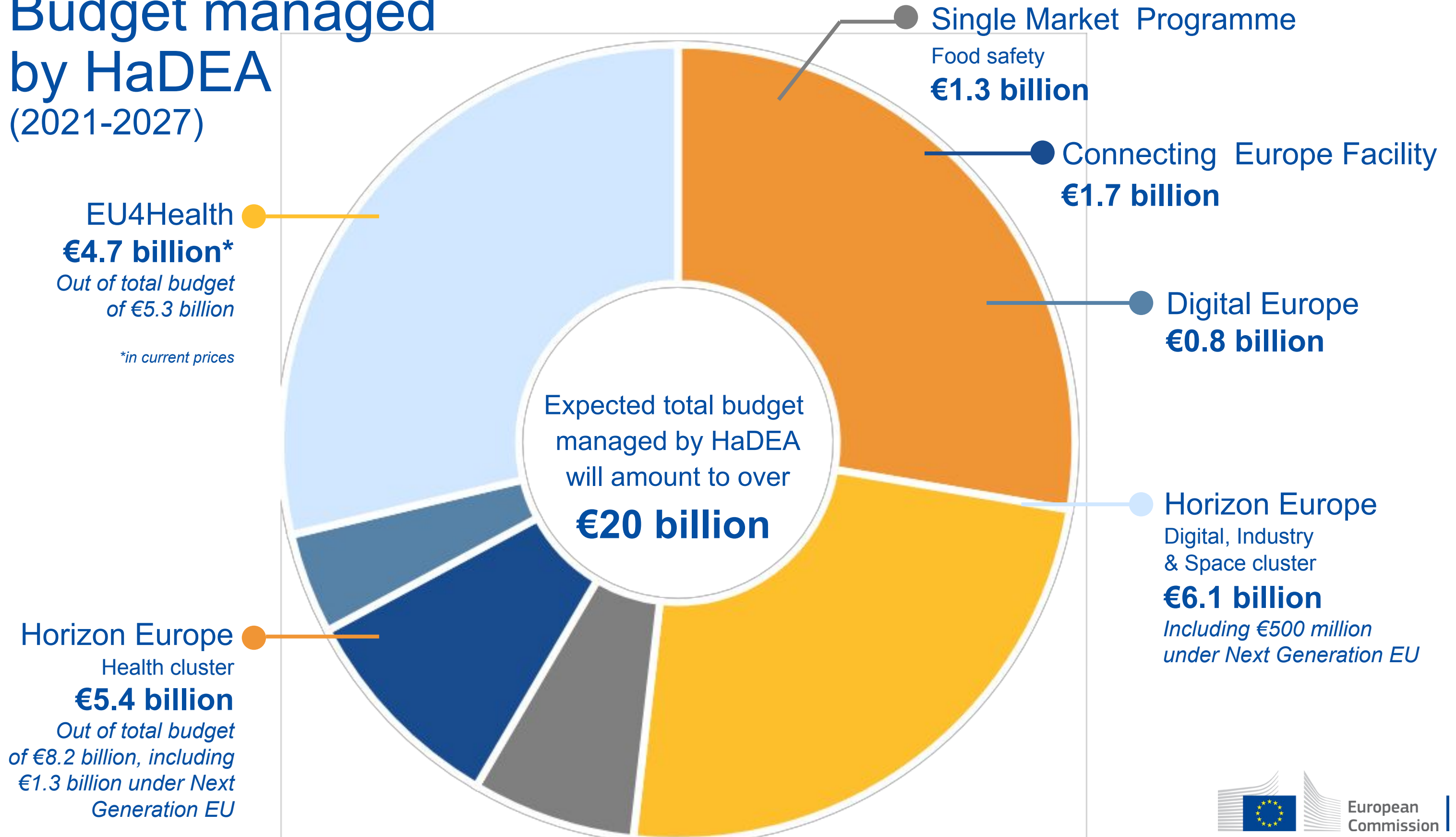International organisations

National, regional and local authorities
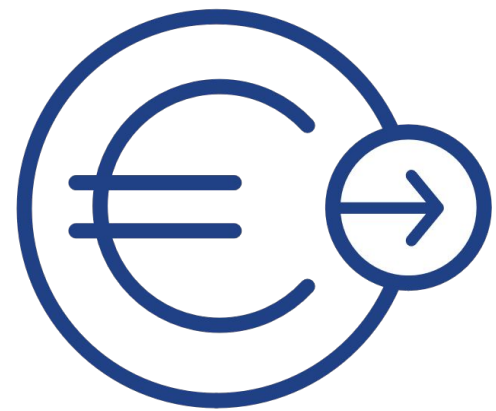
Representatives of civil society

NGOs

European Commission

Budget managed by HaDEA
(2021-2027)

Single Market Programme
Food safety
€1.3 billion

Connecting Europe Facility
€1.7 billion

Digital Europe
€0.8 billion

Horizon Europe
Digital, Industry
& Space cluster
€6.1 billion
*Including €500 million
under Next Generation EU*

Expected total budget managed by HaDEA will amount to over
€20 billion

EU4Health
€4.7 billion*
*Out of total budget
of €5.3 billion*

**in current prices*

Horizon Europe
Health cluster
€5.4 billion
*Out of total budget
of €8.2 billion, including
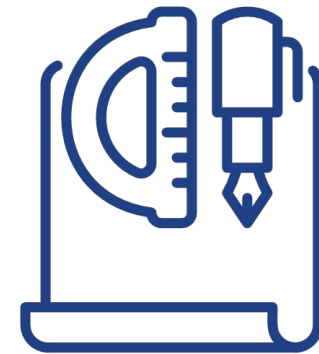€1.3 billion under Next
Generation EU*

European Commission

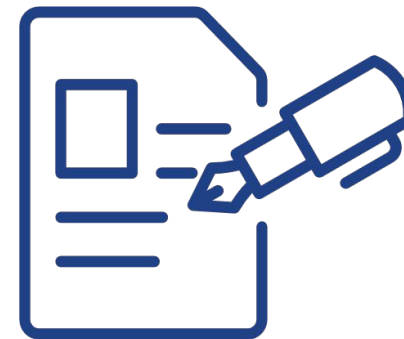# HaDEA projects' portfolio (at 31 May 2023)

2425 Projects
Including legacy programmes

81 service contracts

2.344 grant agreements

European Commission

Introducing
the programmes and their
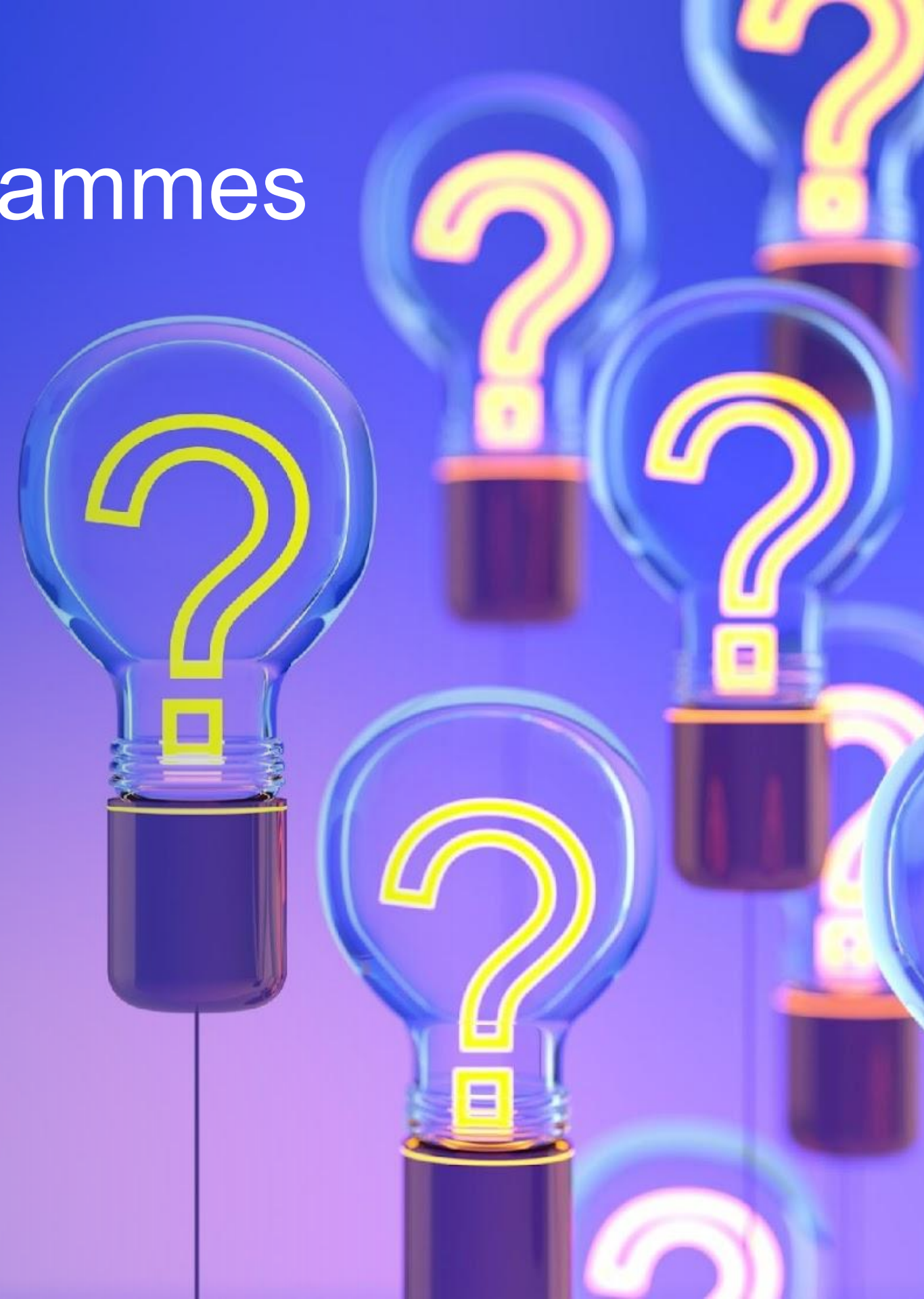synergies

European Commission

Why synergies across programmes

*"Synergies encompass compatibility, complementarity and coherence among different forms of EU funding. This requires good interaction of two or more programmes aiming at enhancing the effects that could be achieved by individual interventions"**

* DG RTD Synergies action plan

➜ Maximise the value, impact, efficiency of EU funding and deliver on EU priorities

Design of synergies

- Legal basis of EU funding programmes

- Planning, designing and programming of EU funding programmes

- Aligning strategic priorities, harmonisation of rules

- Strong collaboration across European Commission's services (inter-service groups)

European Commission
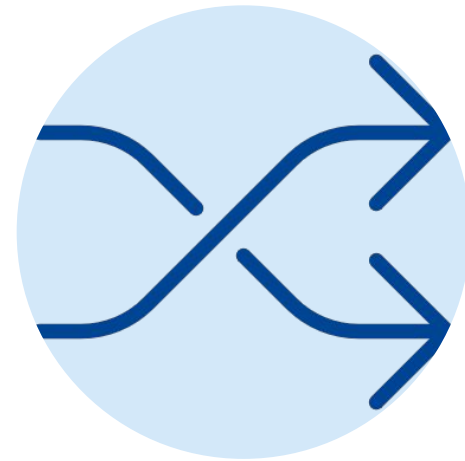
How do synergies unfold?

Complementary funding: bringing together funding from different programmes or different levels in the same project

Sequential funding: successive projects that build on each other (upstream / downstream)

Alternative funding: taking up high-quality project proposals from other programmes (e.g. SoE)

Complementarity of parallel **projects**

European Commission

What is HaDEA doing to support synergies?

- **Constant dialogue** across colleagues working on similar and synergetic topics

- **Gathering beneficiaries** across cluster themes to exchange, avoid gaps and make recommendations

- **Mapping** of topics and colleagues working on them

- Promoting synergies through **beneficiaries and networks, participation in events**

- Visibility and communication of cross-programme **synergetic results**

European Commission
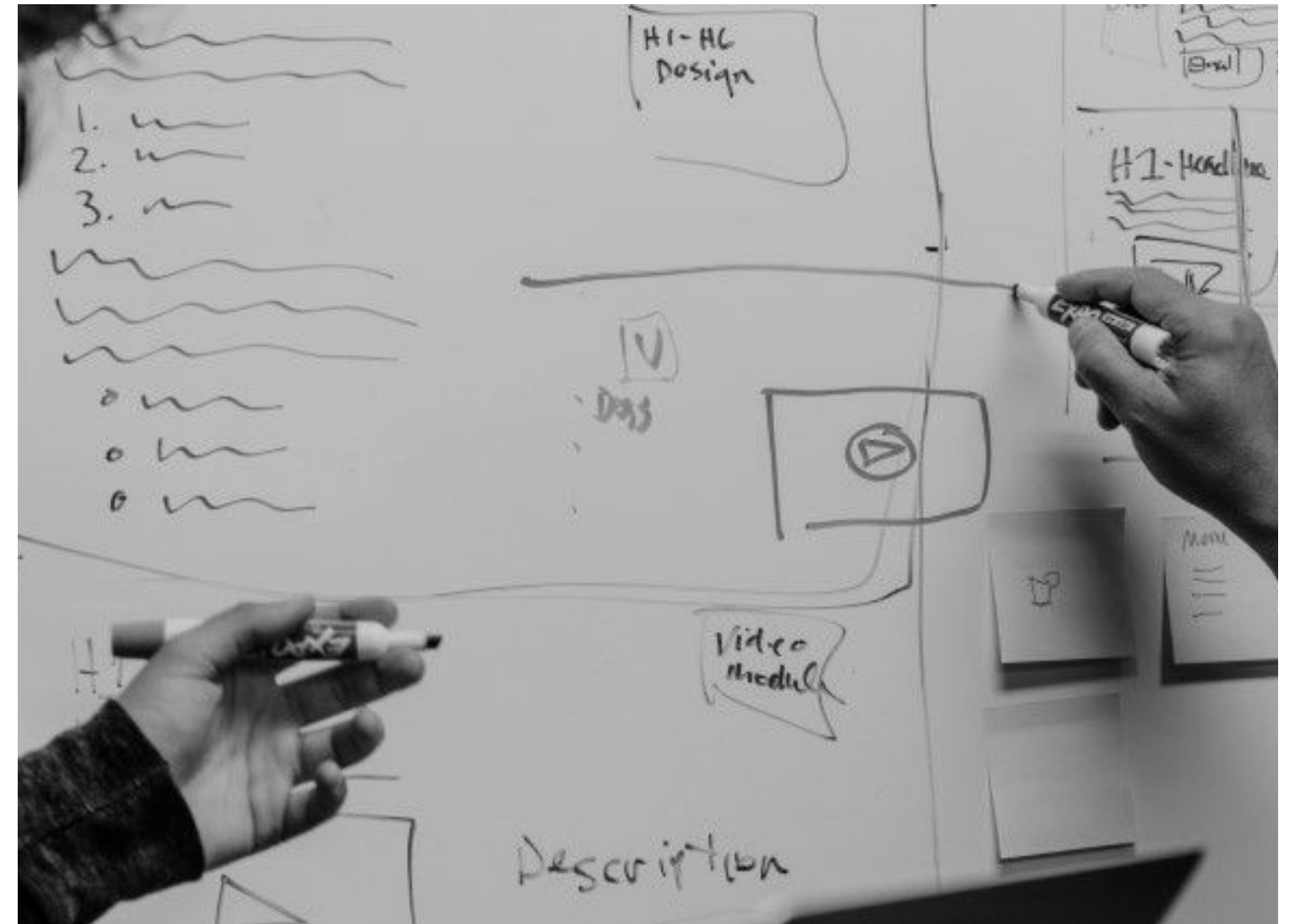
Single Market Programme – Food Safety

- Prevention of **food waste** and fight against fraud
- **Sustainable** and **resilient** production of **food**
- Effectiveness and reliability of official **controls** along the food chain
- Contribution to the **EU 'Farm to Fork'** targets

- Prevention, control and eradication of **animal and plant diseases**
- Fight against **antimicrobial resistance (AMR)**
- Improvement of **animal welfare** across the EU

Example of synergies with the Single Market Programme: EU4Health and Horizon Europe Cluster 1 in the fight for antimicrobial resistance

European Commission

EU4Health

EU4Health represents an unprecedented level of financial commitment to improve and foster health in Europe
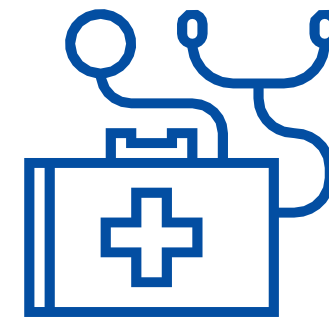
European Commission
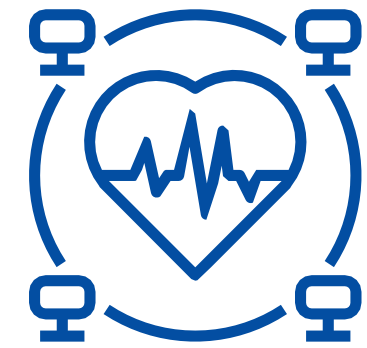
EU4Health goals

Improve and foster health in the Union

Protect people in the Union from serious cross- border threats to health

Make medicines available and affordable

Strengthen health systems, their resilience and resource efficiency

European Commission

EU4Health programme

Funds projects and initiatives through:

- **Direct grants** to EU countries and Norway, Iceland, Ukraine, Moldova
- **Open grants**
- **Operating grants** to NGOs

Purchases services through public procurement

Studies, vaccines,

organisational support, trainings, logistics, etc

Liaises with National Focal Points (NFPs)

Representatives

appointed by national health ministries

European Commission

Horizon Europe Cluster 1 Health

Health Cluster – 6 Destinations:

1. Staying healthy in a rapidly changing society

2. Living and working in a health-promoting environment

3. Tackling diseases and reducing disease burden

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

Cancer Mission objectives:

- to **understand** cancer, its risk factors and impact

- to **prevent** what is preventable;

- to **optimise diagnostics and treatment**

- and **to support the quality of life** of people living with and after cancer, while **ensuring equitable access** for all

European Commission

Horizon Europe - Cluster 4 'Digital, Industry and Space'

Digital
- **Destination 1:** Climate neutral, circular and digitised production
- **Destination 3: World leading data and computing technologies**
- **Destination 4: Digital & Emerging Technologies for competitiveness and fit the European Green Deal**
- **Destination 6: A human-centred and ethical development of digital and industrial technologies**
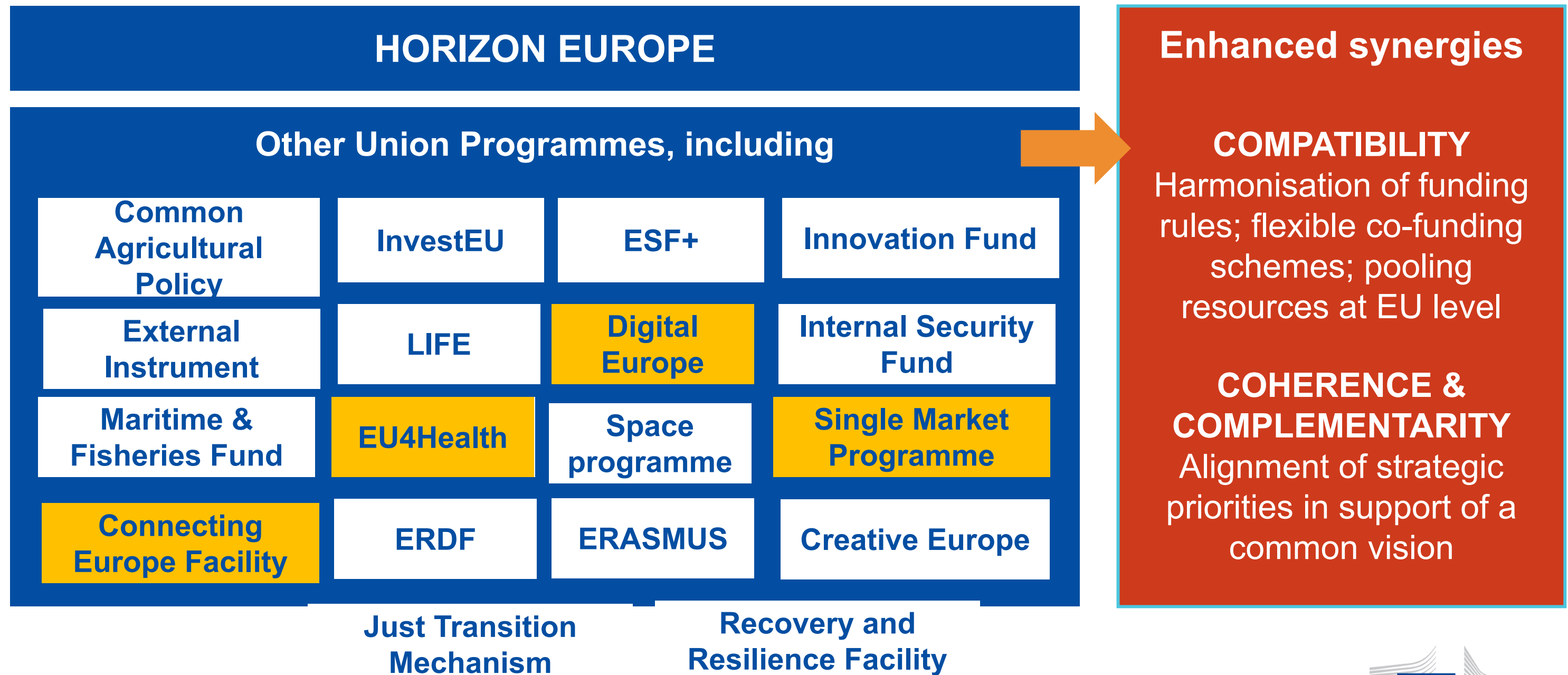
Industry
- **Destination 1:** Climate neutral, circular and digitised production
- **Destination 2:** Increased autonomy in key strategic value chains for resilient industry
- **Destination 6:** A human-centred and ethical development of digital and industrial technologies

Space
- **Destination 5:** Strategic autonomy in developing, deploying and using global space-based infrastructures, services, applications and data

Synergies: policy and resources

HORIZON EUROPE

Other Union Programmes, including

Common Agricultural Policy	InvestEU	ESF+	Innovation Fund
External Instrument	LIFE	Digital Europe	Internal Security Fund
Maritime & Fisheries Fund	EU4Health	Space programme	Single Market Programme
Connecting Europe Facility	ERDF	ERASMUS	Creative Europe

Just Transition Mechanism

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

European Commission

Digital Europe

Focus on on bringing digital technology to businesses, citizens and public administrations.

Strategic digital capacities in EU (deployment)

- Supercomputing
- Artificial intelligence
- Cybersecurity
- Advanced digital skills
- Ensuring a wide use of digital technologies

European Commission

Digital Europe and Health

POTENTIAL (digital-identity-wallet.eu)

Piloting the **European Digital Identity Wallet** launched by the European Commission for several use cases, including **ePrescription**

Digital skills /specialised masters (under preparation)

- MANAGIDITH, multidisciplinary masters with a main focus on **Health** and **Advanced Digital Skills**.
- AI and HEALTH, focused on **Artificial Intelligence** to train staff in Healthcare sector
- DS4Health, will develop an international master degree in digital health, focusing on key areas such as **Artificial Intelligence**, **Cybersecurity**, **Data**, **Robotics**, and the **Internet of Things**
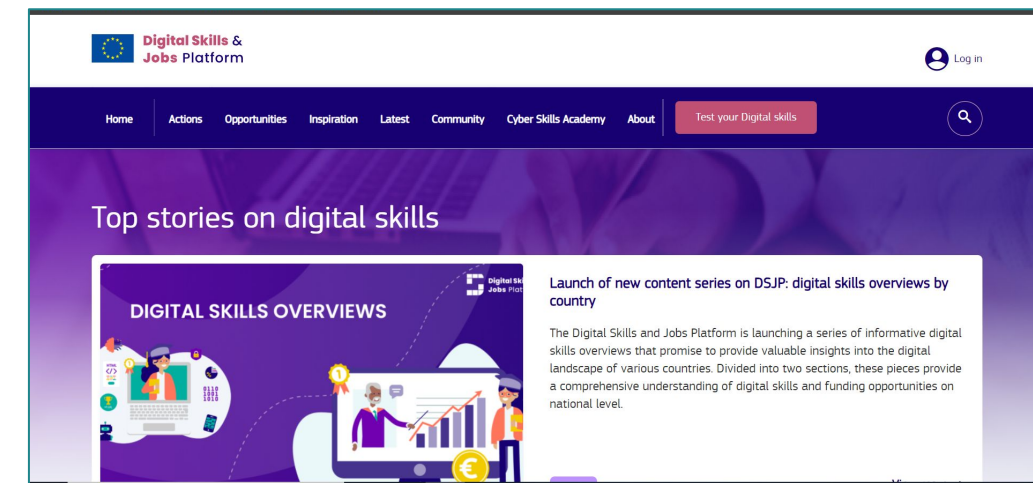
Digital Skills and Jobs Platform

# Digital Europe Programme in the Digital Landscape

Programme/ instrument	CORE FOCUS ON DIGITAL			EU-WIDE PROGRAMMES IN SYNERGY WITH DEP					NATIONAL REGIONAL AND LOCAL FOCUS				OTHER INSTRUMENTS	
	Digital Europe	Horizon Europe	Connecting Europe Facility (CEF) - Digital	Justice Programme	Creative Europe	EU4Health	Erasmus+	Space Programme	ERDF	RRF	European Social Fund+	European agricultural guarantee fund (EAGF); European agricultural fund for rural development (EAFRD)	Technical Support Instrument	Invest EU
Lead DG	DG CNECT	DG RTD	DG MOVE; DG ENER - assoc.; DG CNECT - assoc.	DG JUST	DG EAC DG CNECT	DG SANTE	DG EAC	DG DEFIS	Shared management DG REGIO / MS	DG ECFIN; SG RECOVER Recovery and Resilience Task Force	Shared management DG EMPL / MS	Shared management DG AGRI / MS	DG REFORM	DG ECFIN
General focus area	Deployment of advanced digital technologies	Scientific, technological, economic, environmental and societal impact; Cooperation between research, industry and citizens	Key energy, transport and digital infrastructure across Europe	Judicial cooperation and effective access to justice for citizens and businesses	More competitive, inclusive and digital creative industry and media	Resilient, equitable and modern health systems, improved health for EU citizens and protection of people from cross-border health threats	Mobility and cooperation in education, training, youth and sport in Europe	EU space policy; Satellite technology and innovation; Data, navigation, and communication services; Fighting climate change; Disaster response	Strengthening EU economic, social and territorial cohesion by correcting imbalances between regions through programmes implemented by local authorities	Economic and social recovery after the COVID-19 pandemic, with a focus on green and digital transition	The main instrument for investing in people with the aim of building a more social and inclusive Europe	Stable supply of food, safeguarding farmers' income, protecting the environment and keeping rural areas vibrant	Tailor-made technical expertise for EU Member States to implement their reform agendas	Sustainable investment, innovation and job creation in Europe; Sustainable infrastructure; Research, innovation and digitalisation; SMEs; Social investment and skills
Focus on digital	Supercomputing; AI; Cybersecurity; Advanced digital skills; Wide use of digital technologies across sectors	Research and innovation for digital and industrial technologies, including in space	Broadband and 5G roll out; 5G for major transport paths, including TEN-T; Digital backbone networks for neighboring territories; Digitisatin of transport and energy networks; Feasibility studies	e-Justice projects for improving the effectiveness and accessibility of the justice systems; Digital skills for legal professionals	Accelerate the digital transition of cultural and creative sectors; digitisation for audiovisual and news media; Skills for audiovisual professionals in suport of the digital transition	Deploying health dataspaces, digital tools and services in support of digital transformation in health.	Support to the implementation of Digital Education Action Plan (2021-2027) and its strategic priorities: (1) development of a high-performing digital education ecosystem, (2) Enhancing digital skills and competences for the digital transformation, and (3) European Digital Education Hub	The European Quantum Communication Infrastructure (EuroQCI) will be integrated under the Secure Connectivity Programme, a Space Programme flagship which will ensure worldwide access to secure and cost-effective satellite communications services, for governmental communications and commercial use	Mostly Policy objective 1 (P01) - a more competitive and smarter Europe by promoting innovative and smart economic transformation and regional ICT connectivity; Between 25-85% contribution from regions and MS to P01 via the thematic concentration mechanism	20% of the national recovery and resilience plans for digital actions	Mainstream and upscale innovative technologies and solutions in the areas of employment, social security coordination, social inclusion, education and training for digital skills	Digitalisation in agriculture under National CAP Strategic Plans; Big Data for CAP monitoring; Broadband rollout in rural areas	Support for: digitisation of healthcare, education, judiciary system; e-government solution; digital skills; e-procurement; connectivity; data access and governance; data protection solutions; e-learning; use of AI-based solutions; development, maintenance, operation and quality control of the IT infrastructure	Deployment of digital technologies and services contributing to the objectives of DEP: artificial intelligence; quantum technology; cybersecurity and network protection infrastructures; the internet of things; blockchain and other distributed ledger technologies; advanced digital skills; robotics and automatisation; photonics
Working group/ programme committee	C70600 - Digital Europe Programme Coordination Committee	C70408 - Horizon Europe Programme Committee for Digital, Industry and Space	C88400 - Connecting Europe Facility Coordination Committee	C64500 - Justice Programme Committee	C76400 - "Creative Europe" 2021-2027 Programme Committee	C62400 - The EU4Health Programme Committee	C76500 - Erasmus+ 2021-2027 Committee	C70800 - Space Programme Committee	C92400 - Committee for the Common Provisions Regulation Funds (CPR Committee)	C102400 - Recovery and Resilience Facility Committee	C92400 - Committee for the Common Provisions Regulation Funds (CPR Committee)	C104500 - Common Agricultural Policy Committee		InvestEU Governance

Connecting Europe Facility Digital

5G Networks

- 5G Transport Corridors
- 5G for Smart Communities
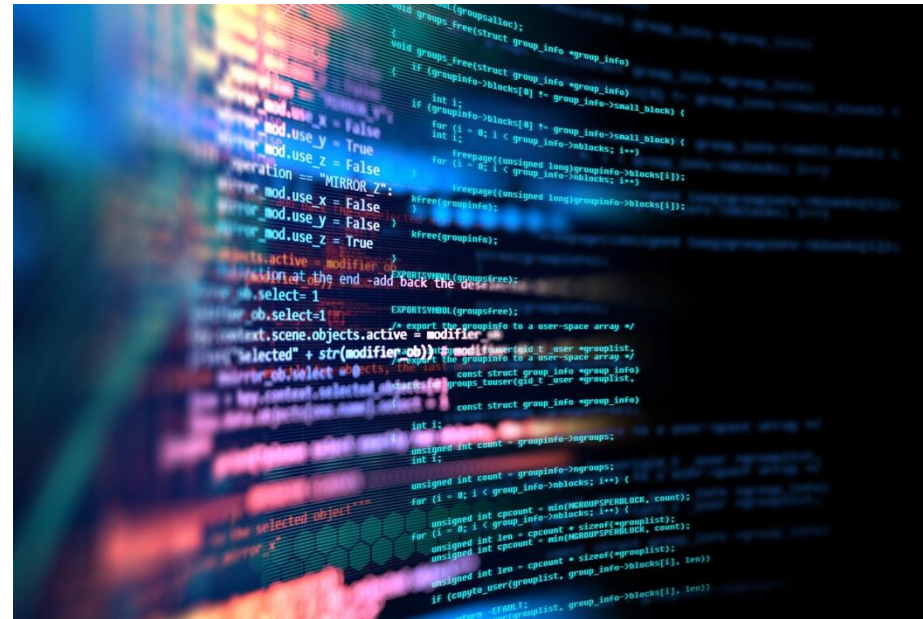
Backbone infrastructures

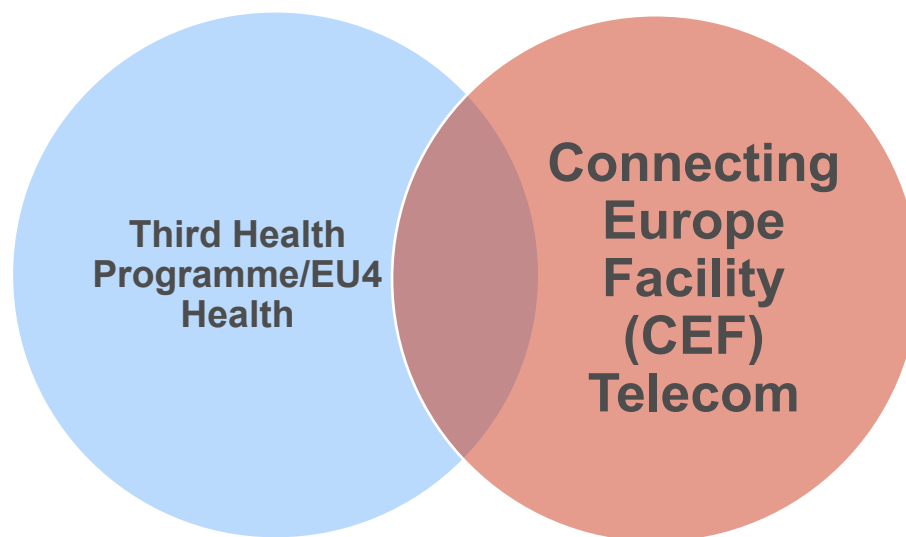- Digital Global Gateways
- Cloud Federations

Coordination and Support Actions

- 5G Strategic Deployment Agenda

European Commission

Tackling rare and complex diseases through the European Reference Networks (**ERNs**)

EU Programmes

About the synergy

Third Health Programme/EU4 Health

Connecting Europe Facility (CEF) Telecom

- **Virtual networks** of healthcare providers across Europe, knowledge sharing on complex or rare diseases (ERNs)

- **Ensuring complementarity of actions** under Third Health Programme/ CEF Telecom/ EU4Health

Impact of the synergy

- More **efficient and collaborative use** of the ERN's digital platform, improved and faster **cross-border knowledge exchange** across medical experts
- **Faster diagnosis and improved treatments** of rare diseases affecting EU citizens.

Vaccine coverage and uptake to prevent diseases: **the VAX-EU joint group**

EU Programmes involved

Horizon 2020

Third Health Programme/EU4 Health

About the synergy

Complementary projects working together on **vaccine coverage** and **uptake,** including in disadvantaged and difficult-to-reach populations and on preventive cancer vaccines:

- **H2020** (RIVER-EU, VAX-TRUST, JITSUVAX)
- **Third Health Programme** (RISE-Vac, AcToVax4NAM, IMMUNION, ImmuHubs)
- **EU4Health** (Joint Action PERCH and PROTECT-EUROPE)

Impact of the synergy

- Improved knowledge and information sharing on key information and opportunities, timely and efficient collection of **feedback and input** for policy making and programming, **jointly coordinated communication** activities and participation in scientific conferences, enhanced **dissemination and exploitation of results**.
- Potential to contribute to the **Horizon Europe's Cancer Mission** and **Europe's Beating Cancer Plan**

European Commission

Addressing the needs of young cancer survivors

EU Programmes involved

Horizon Europe Cancer Mission

EU4Health

About the Synergy

The **EU4Health** project **EU-CAYAS-NET** (building a network of young cancer survivors) mobilised young cancer survivors to join and give a testimonial at the EU Mission on Cancer conference "**Addressing the Needs of Young Cancer Survivors**" on 7 February 2023.
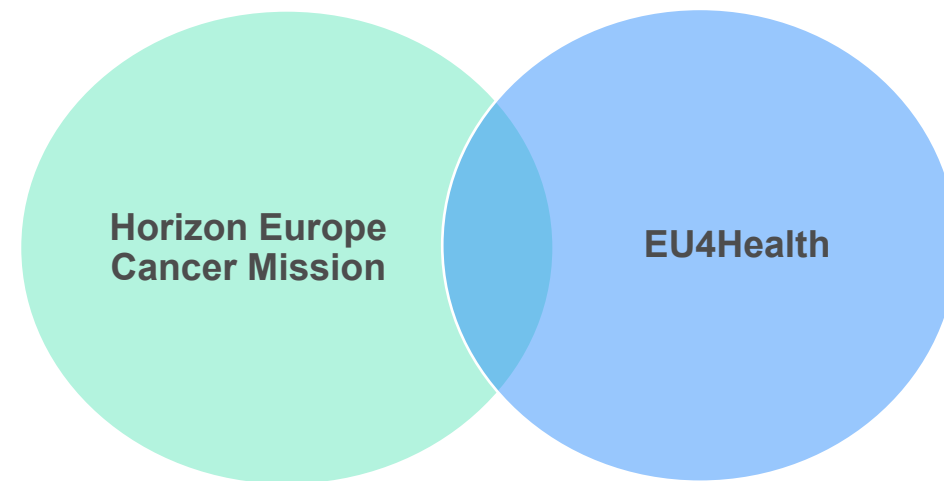
Impact of the Synergy

Young cancer survivors' participation gave visibility and demonstrated the synergies between the **EU Mission on Cancer and EU4Health projects** which will be considered when future initiatives and the Research & Innovation agenda around cancer survivorship will be shaped. Conference video

European Commission
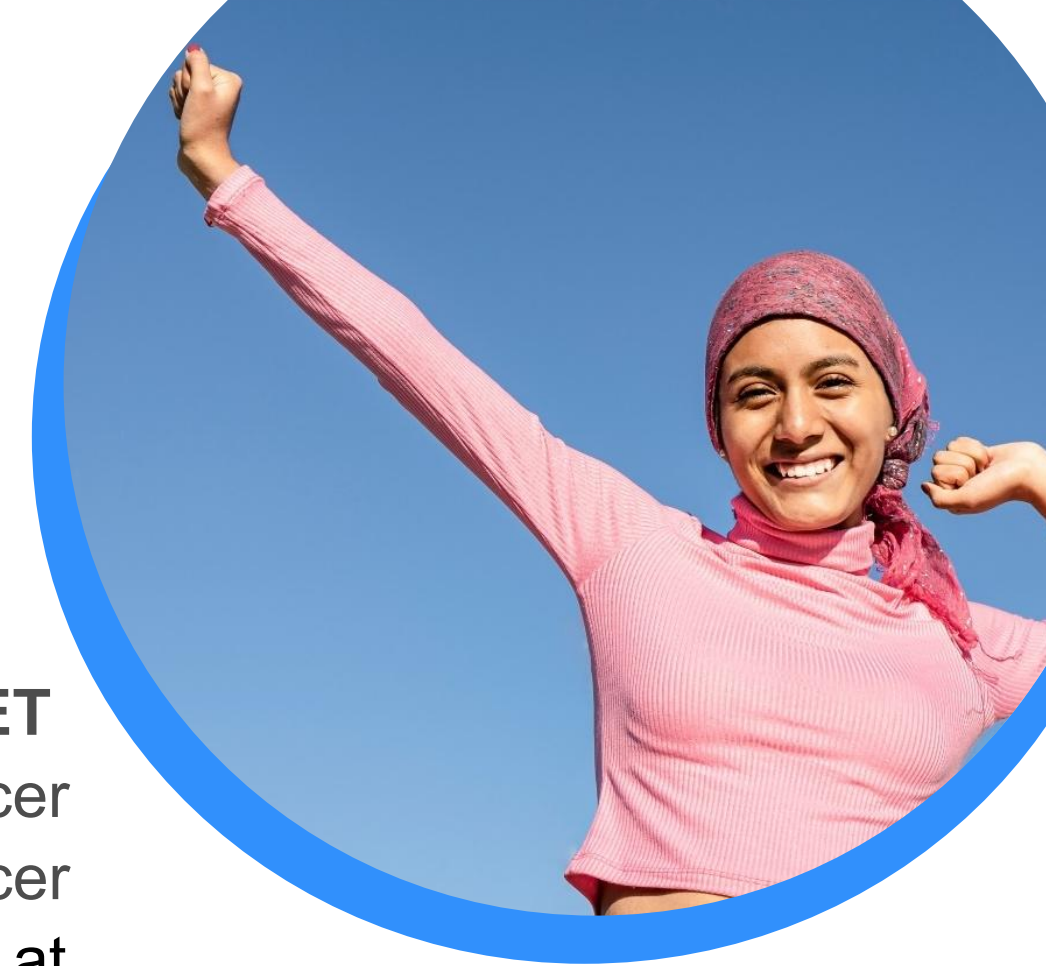
HaDEA – open calls for proposals (some examples)

- [Horizon Europe Health Calls 2023 - European Partnership on Rare Diseases (Destination 3)](), deadline 19 September 2023

- [Food Waste for Stakeholders 2023](), Single Market Programme Food, deadline 21 October 2023

- [2023 EU4Health calls for action grants](), EU4Health, deadline 17 October 2023

- [Horizon Europe Health double stage calls 2024 - Unlocking the full potential of new tools, technologies and digital solutions for a healthy society (Destination 5), deadline]() 19 September 2023 | 11 April 2024

- [Horizon Europe Health double stage calls 2024 - Staying healthy in a rapidly changing society (Destination 1)](), 19 September 2023 | 11 April 2024

HaDEA – open calls for tenders

- [Service contract to design, develop, deliver and maintain the European Health Emergency Response Authority (HERA) Advanced Technology for Health INtelligence and Action IT System (ATHINA)](#), 04 July 2023

- [Capacity-building on mental health: multidisciplinary training programme and exchange programme for health professionals](#), 04 September 2023

European Commission

Funding opportunities

Funding and tender Portal

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Thank you