



The European Health and Digital Executive Agency (HaDEA)

Marina Zanchi, Director

Angelo Marino, Health and Food

Katleen Engelbosch, Digital, Industry and Space

20 June 2023, Rome

Who we are

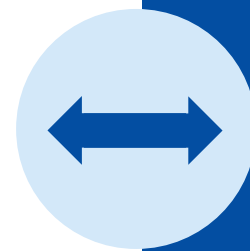
European Commission and Executive Agencies



European Commission

Directorates-General (DG SANTE,
DG RTD, etc...)

- Definition of policies
- Drafting of Work Programmes



Executive Agencies

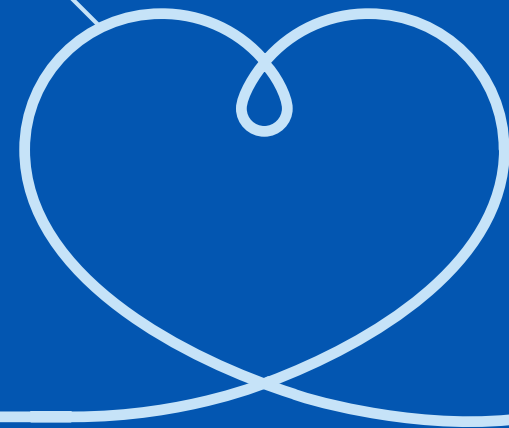
EAs (HaDEA, CINEA, REA, etc...)

- Implementation of calls for proposals/ procurement procedures
- Management of funded projects

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.

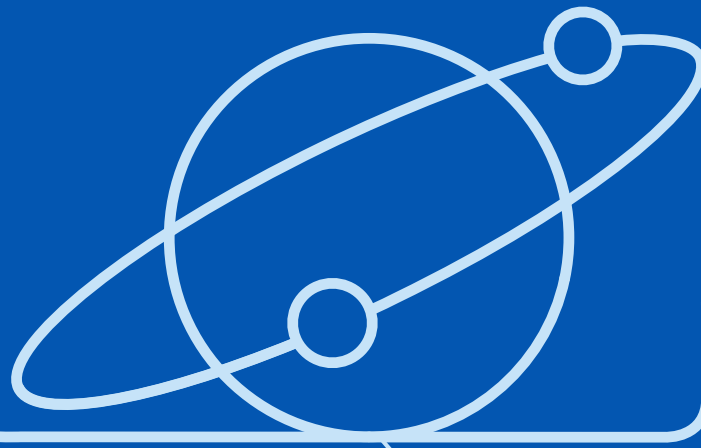
Health



Food



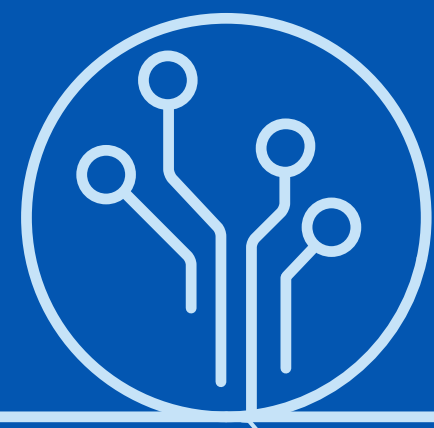
Space



Industry



Digital



Parent DGs of HaDEA



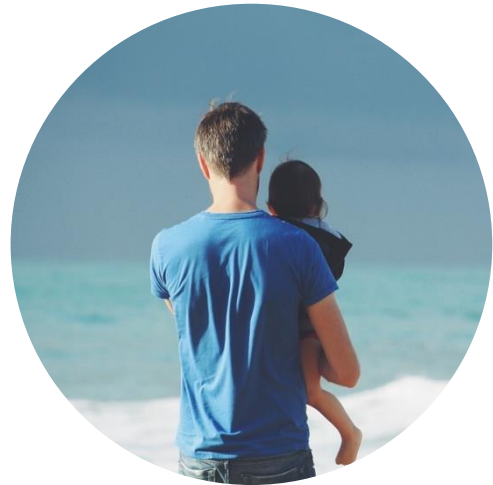
Our vision



HaDEA – boosting Europe by building, from earth to space, a healthy society, a digital economy and a competitive industry.

What we do

The 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

HaDEA's beneficiaries



Industry/SMEs



Research institutes



Academia



International
organisations



National, regional
and local authorities



Representatives
of civil society



NGOs

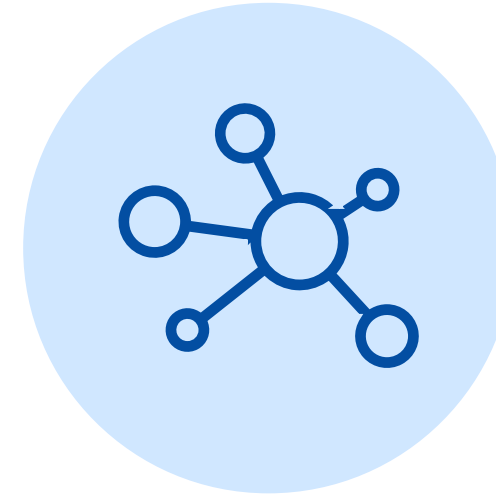
Projects funded and services purchased by HaDEA



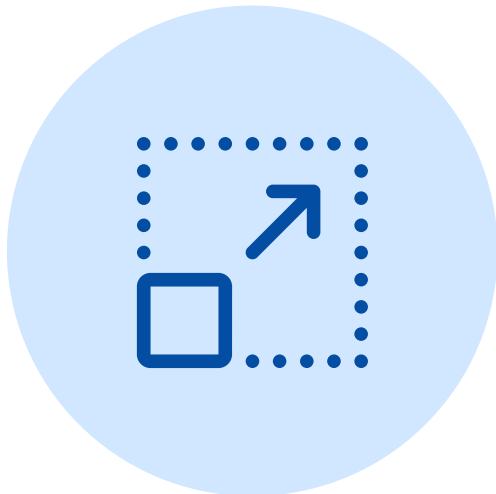
Research & innovation



Knowledge-sharing



Training, networking, events



Capacity building



Software design



Manufacturing

Project management lifecycles

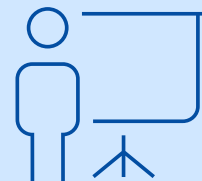
Procurement



Preparation
of tender
specifications



Publication
of calls



Submission
of tenders



Evaluation
of tenders



Opinion from
the advisory
committee on
procurement and
contracts (ACPC)*

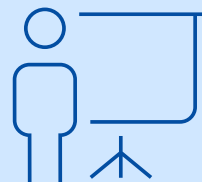


Award decision,
signature and
management of
the ensuing
contracts

Grants



Call for
proposals



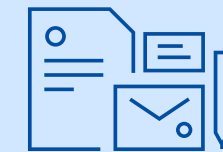
Proposal
submissions



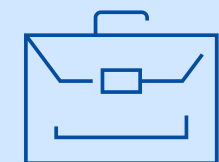
Evaluation &
selection



Signature of
grant
agreements



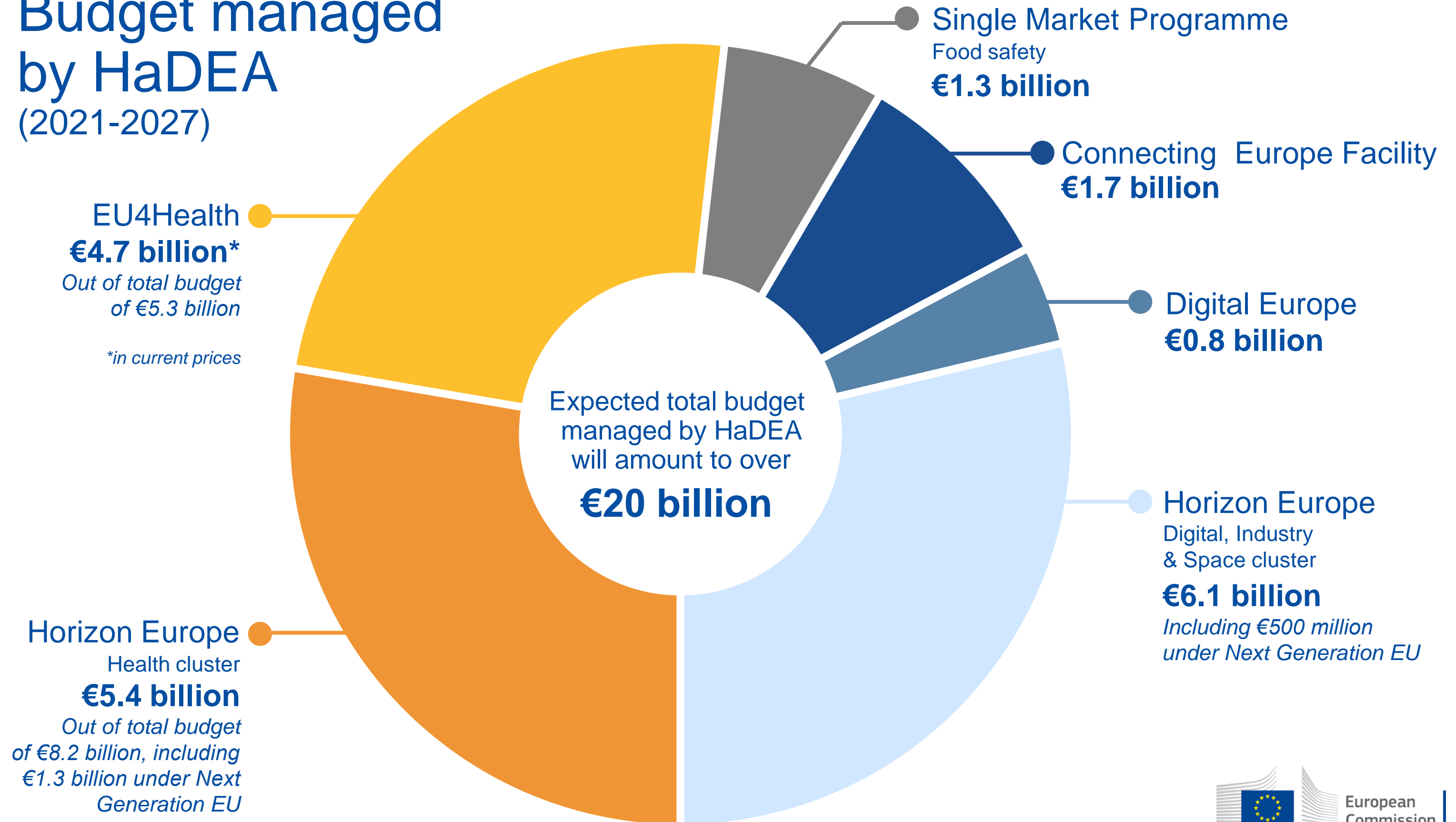
Project
monitoring



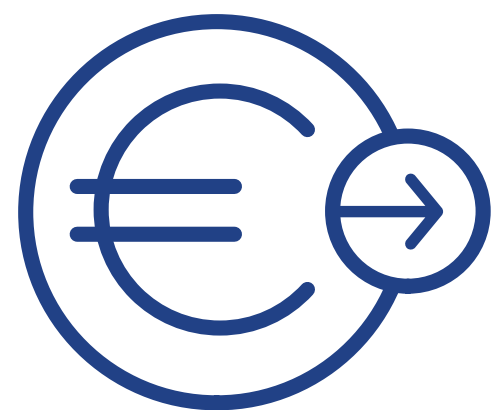
Dissemination
of final results

* for open calls only

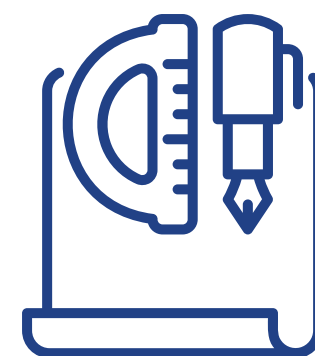
Budget managed by HaDEA (2021-2027)



HaDEA projects' portfolio (at 31 May 2023)



2 425
Projects
Including legacy programmes



81 service
contracts



2.344 grant
agreements



Programmes managed by HaDEA

Department A: Health and Food
Angelo Marino, Head of Department

Directorates-General (DGs) and HaDEA's Dept A programme budgets

DGs	<div><div>SANTE Health & Food Safety</div><div>HERA European Health Emergency Preparedness and Response Authority</div><div>GROW Internal market, Industry, entrepreneurship and SMEs</div><div>RTD Research & Innovation</div><div>CNECT Communications Networks, Content & Technology</div></div>
Programmes	<div><div>SMP-Food Safety</div><div>EU4Health</div><div>Horizon Europe Health</div></div>
HaDEA Budget	<div><div>€1.3 billion</div><div>€4.7 billion</div><div>€5.4 billion</div></div>



Single Market Programme - Food

SMP Food supports human, animal and plant health by providing access to safe and high-quality food in the integrated European Single Market

SMP Food goals



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



- 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.



Better Training for Safer Food (BTSF)

The BTSF initiative develops an EU training strategy in the areas of food law, feed law, animal health, animal welfare rules and plant health rules

(co-) Funding rates for grants

SMP Food:

- Fixed in the annual work programme for each action
- Most activities: up to 50% or 75%
- Some priorities actions (e.g. in third countries): up to 100%

* Indirect costs included as a flat rate of 7% of the direct eligible costs

Food programmes | Italy



GRANTS

Number grants signed

7

EU contribution in grants signed

€43 m

Procurements

Number contracts signed

8

EU contribution in contracts signed

€15 m

* Data cut off: 15th of May



European
Commission

SMP Food actions for 2023

- Grants to improve the measurement of **food waste** and help implement food waste prevention
 - For **EU countries**
 - For **stakeholders**
- Supporting the capacity building of the **European Food Bank Federation**
- Coordinated Control Plan for **Antimicrobial Resistance (AMR)** monitoring in commensal and zoonotic agents on samples of food and food-producing animals
- Supporting the production and use of **sustainable Food Contact Materials (FCM)**
- Overview on biology and ecology of micro-organism species potentially used as active substances in **plant protection products**
- Upcoming calls: https://hadea.ec.europa.eu/programmes/single-market-programme-food/call-management-and-work-programmes_en



EU4Health

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

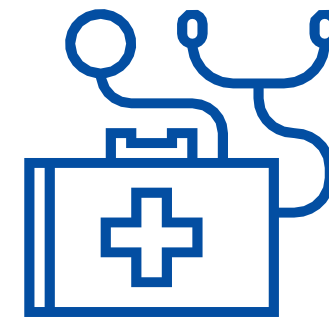
EU4Health goals



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

HaDEA implements the EU4Health programme based on the Annual Work Programmes



Funds projects and initiatives through:

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



Purchases **services**

Studies, vaccines, organisational support, trainings, logistics, etc



Liaises with **National Focal Points (NFPs)**

Representatives appointed by national health ministries



Manages the **Third health programme**

Legacy projects

EU4Health – management lifecycle

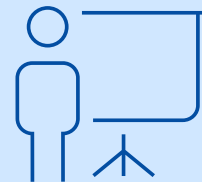
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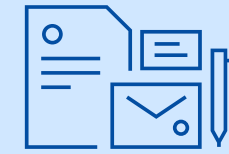
Publication
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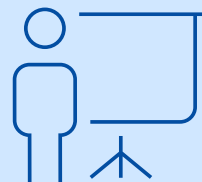


Award decision,
signature and
management of
the ensuing
contracts, incl.
dissemination

Grants



Call for
proposals



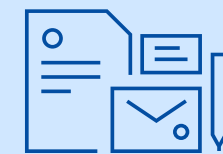
Proposal
submissions



Evaluation &
selection



Signature of
grant
agreements



Project
monitoring



Dissemination
of final results

* for open calls only

(co-) Funding rates for grants

EU4Health:

- Action grants: up to 60% of eligible costs are co-financed, unless specified otherwise in the specific calls for proposals
- Exceptional utility: up to 80% of eligible costs
- Direct grants (e.g. WHO, ERNs etc.): up to 100%

* Indirect costs included as a flat rate of 7% of the direct eligible costs



Health programmes | Italy



EU4H GRANTS

Number grants signed (out of 181)

56

EU contribution in grants signed (out of 308M EUR)

€27.3 M

EU4H Procurements

Number contracts signed (out of 56)

4

EU contribution in contracts signed (out of 102 EUR)

€3 M

3HP legacy

Number grants signed (out of 350)

86

EU contribution in grants signed (out of 233M EUR)

€21.6 m

3HP Procurements

Number contracts signed (out of 19)

1

EU contribution in contracts signed (out of 12 M EUR)

€0.3 M

* Data cut off: 15th of May



European
Commission

EU4Health - Ongoing & upcoming calls

- **Grants:** Open Calls for Action Grants

Deadline: mid-October 2023 & [Info Session](#): 30 June 2023

- **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 [\(ATHINA\)](#) - **Deadline: 4 July 2023**
- [Capacity-building on Mental Health](#): Multidisciplinary Training Programme and Exchange Programme for Health Professionals - **Deadline: 4 September 2023**



Horizon Europe 'Health'

Horizon Europe 'Health' generates new knowledge and develops innovative solutions to protect people's health and wellbeing

Horizon Europe Health goals



Promote:

- social cohesion
- inclusiveness
- health and wellbeing



Make innovative, high-quality health technologies and healthcare:

- available
- affordable



Make healthcare systems more:

- accessible
- sustainable
- digital

HaDEA implements the Horizon Europe Health programme based on Work Programmes



Funds **projects and initiatives** in health research



Liaises with **National Contact Points** (NCPs)



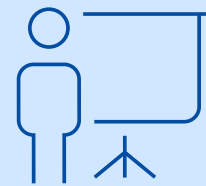
Manages the **Horizon 2020 legacy** programme

HE Health – Project management lifecycle

Research
grants



Call for
proposals



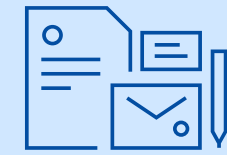
Proposal
submissions



Evaluation &
selection



Signature of
grant
agreements



Project
monitoring



Dissemination
of final results

(co-) Funding rates for grants

Horizon Europe: Health

- Research and Innovation Actions* ([RIA](#)): up to 100%
- Innovation Actions* ([IA](#)): up to 70% for for-profit organisations and 100% for non-profit organisations
- Coordination and Support Actions* ([CSA](#)): up to 100%
- Pre-Commercial Procurement actions* (PCP) : up to 100%
- Public Procurement of Innovative solutions* (PPI): up to 50%

* Indirect costs included as a flat rate of 25% of the direct eligible costs

Health programmes | Italy



Horizon Europe*

Health cluster & Cancer Mission

Number grants signed (out of 251)

155

EU contribution in grants signed
(out of 1,98 B EUR)

€195.9 m

H2020 –SC1-health (legacy)

Number grants signed (out of 944)

436

EU contribution in grants signed
(out of 4,92 B EUR)

€352.1 m

* Data cut off: 15th of May



European
Commission

Calls for proposals

Cluster 1-Health

2023 Single-stage calls*

Deadline: 13 April 2023 closed,
evaluations ongoing

- 29 topics
indicative EU budget: **€847 million**

2024 calls

Two-stage calls

- 9 topics
- **Deadline:** 19 Sept. 2023 & 11 April 2024
- EU indicative budget: **€320 million**

Single-stage calls

- 6 topics
- **Deadline:** 11 April 2024*
- indicative EU budget: **€189 million**

* except 1 topic – HORIZON-HLTH-2024- DISEASE-09 – deadline 25 Sept. 2024

Cancer mission

2023 Single-stage calls

Deadline: 12 April 2023 closed,
evaluations ongoing

- 4 topics
indicative EU budget:
€110.7 million





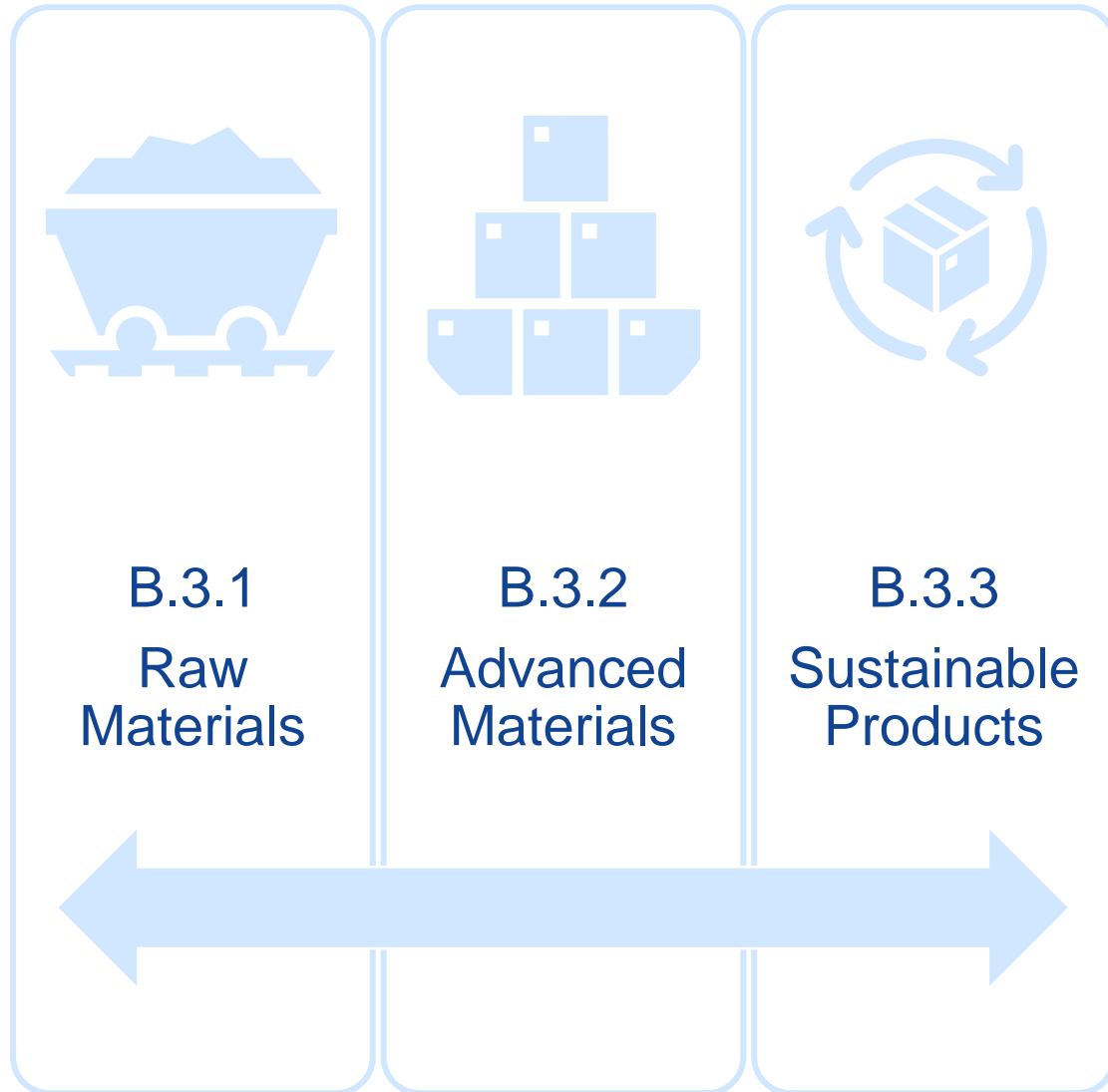
Programmes managed by HaDEA

Department B, Digital, Industry and Space
Katleen Engelbosch, Head of Department

The programmes we manage

(MFF 2021-2027)

DGs	<div>RTD Research & Innovation</div>	<div>CNECT Communications Networks, Content & Technology</div>	<div>GROW Internal market, Industry, entrepreneurship and SMEs</div>	<div>DEFIS Defence Industry & Space</div>
Programmes	Horizon Europe Cluster 4 Digital, Industry, Space	CEF2 Digital	Digital Europe Programme	
HaDEA Budget	€6.1 billion	€1.6 billion	€0.8 billion	
Legacy projects	Horizon 2020	WiFi4EU	Digital Service Infrastructures	



Horizon Europe (CL4) Space Projects

Intergovernmental organization, 22 member states,
dedicated to the exploration of space



Horizon 2020
LEIT Space

111 projects,
€384 million

Horizon Europe
Cluster 4 Space

46 projects,
€218 million

Ongoing GAP on IBA 2022 (€56 million)
Ongoing evaluation 2023 (€137.5 million)

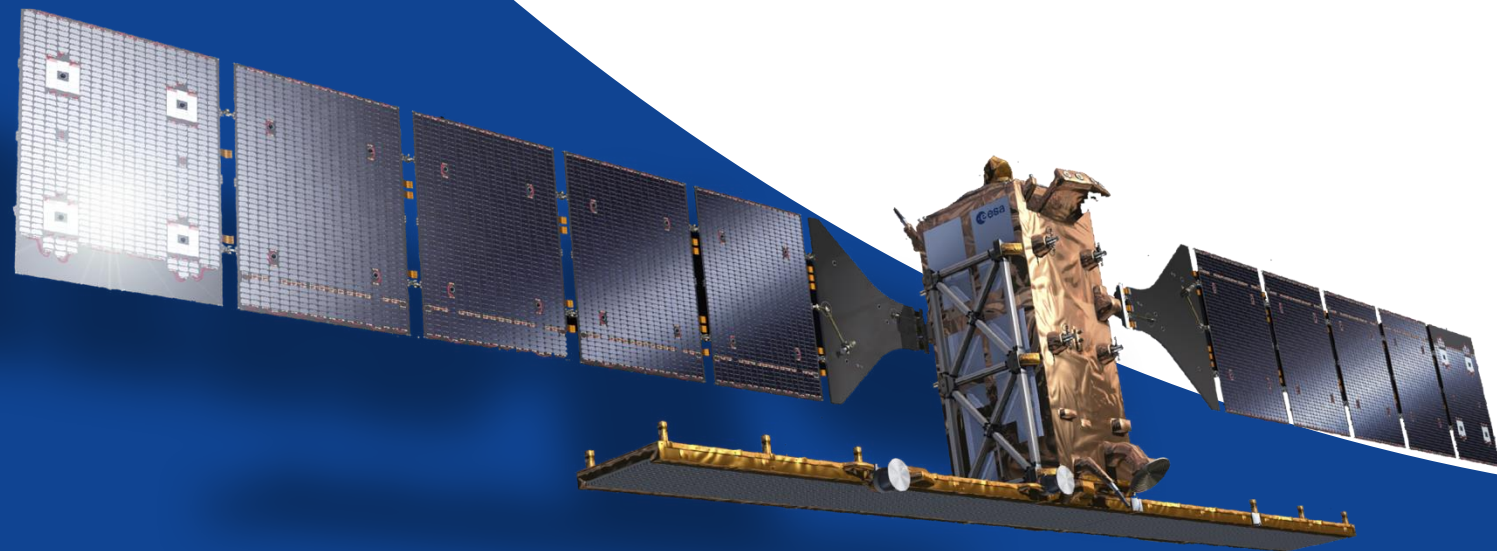
Implementing
Horizon Europe CL4 Space
for the European Commission



HaDEA.B4



European
Commission



Digital Europe

Strategic digital capacities in EU (deployment)

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

Ongoing calls:

- DIGITAL-2022-SKILLS-03- 8 GAPs (Digital Skills) - € 55 million, recently finalized GAP stage
- New call launched on 11/5; evaluation after the summer; GAPs will start Q4 2023.

CEF Telecom (legacy):

Digital Service Infrastructures: Cross-border interaction of public admin, business and citizens

DEP: 70 projects, 8 GAPs , €182 million

CEF Telecom (DSIs - legacy): 217 projects, €118 million



CEF Digital

38 running projects, €149.4m

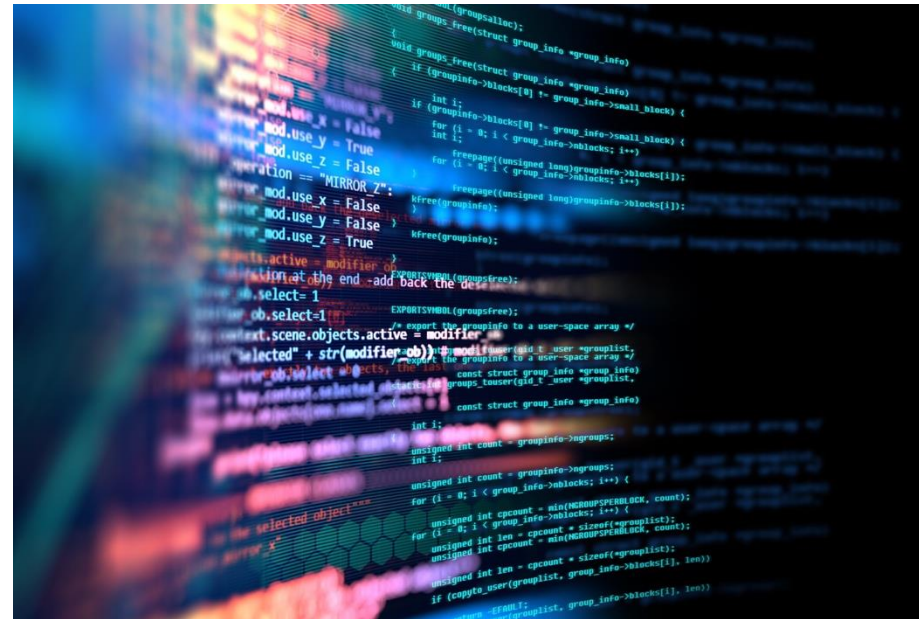
Calls 2022: €240 million

Calls 2023: €283 million



5G networks

- 5G Corridors (15 projects)
- 5G for Smart Communities (7)



Backbone infrastructures

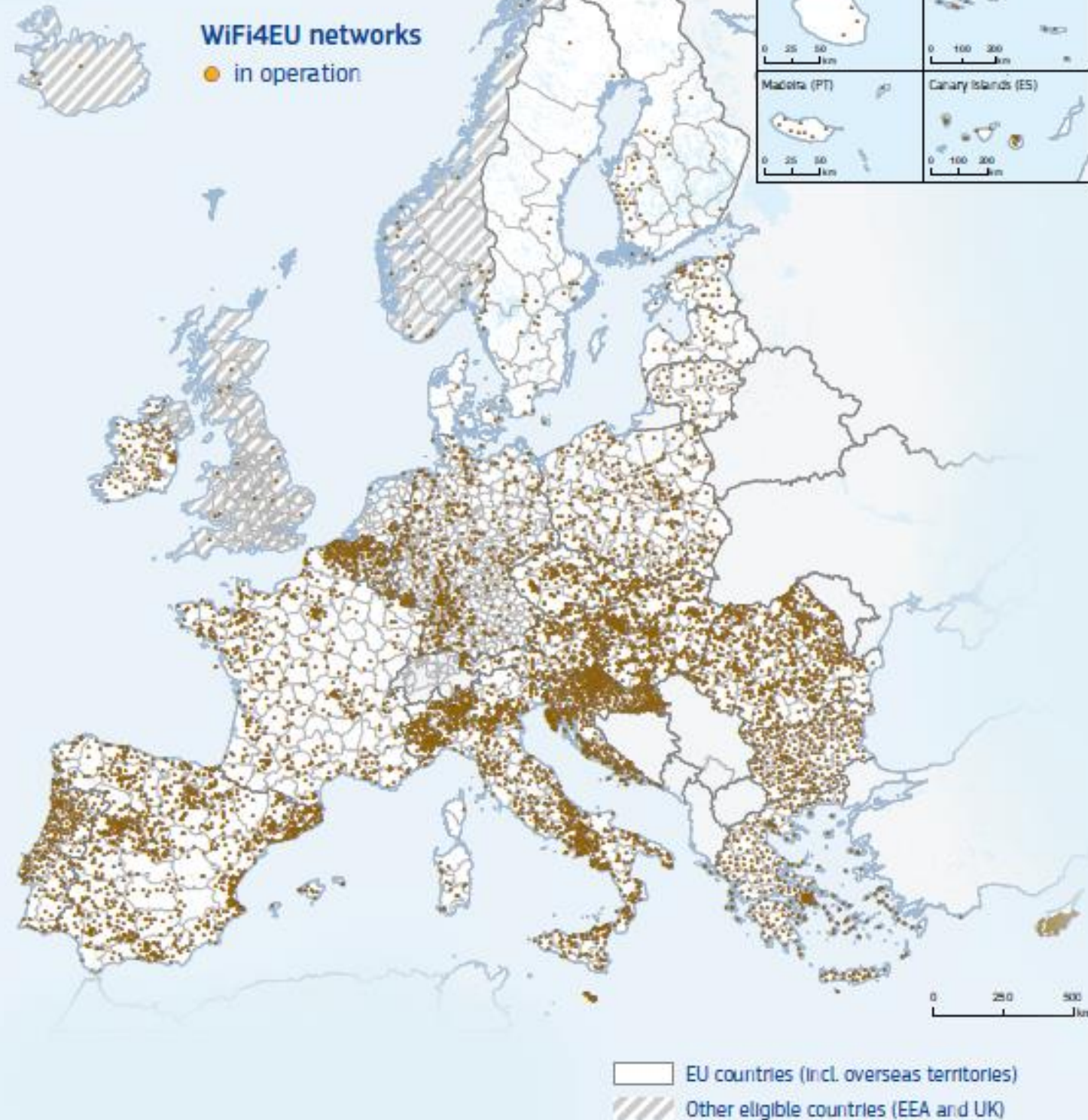
- Digital Global Gateways (13)
- Cloud Federations (2)



Coordination and support action

- 5G Strategic Deployment Agenda (1)

WiFi4EU



Background represents European administrative regions (NUTS3)
Cartography: CINEA, April 2023
© EuroGeographics for the administrative boundaries

In case of errors, please write to:
WIDEA-CE-WIFI4EU@ec.europa.eu

WiFi4EU in a nutshell



30

participating
countries



8 802

awarded
municipalities



€132 m

Allocated
in vouchers



93 369

hotspots



231 000

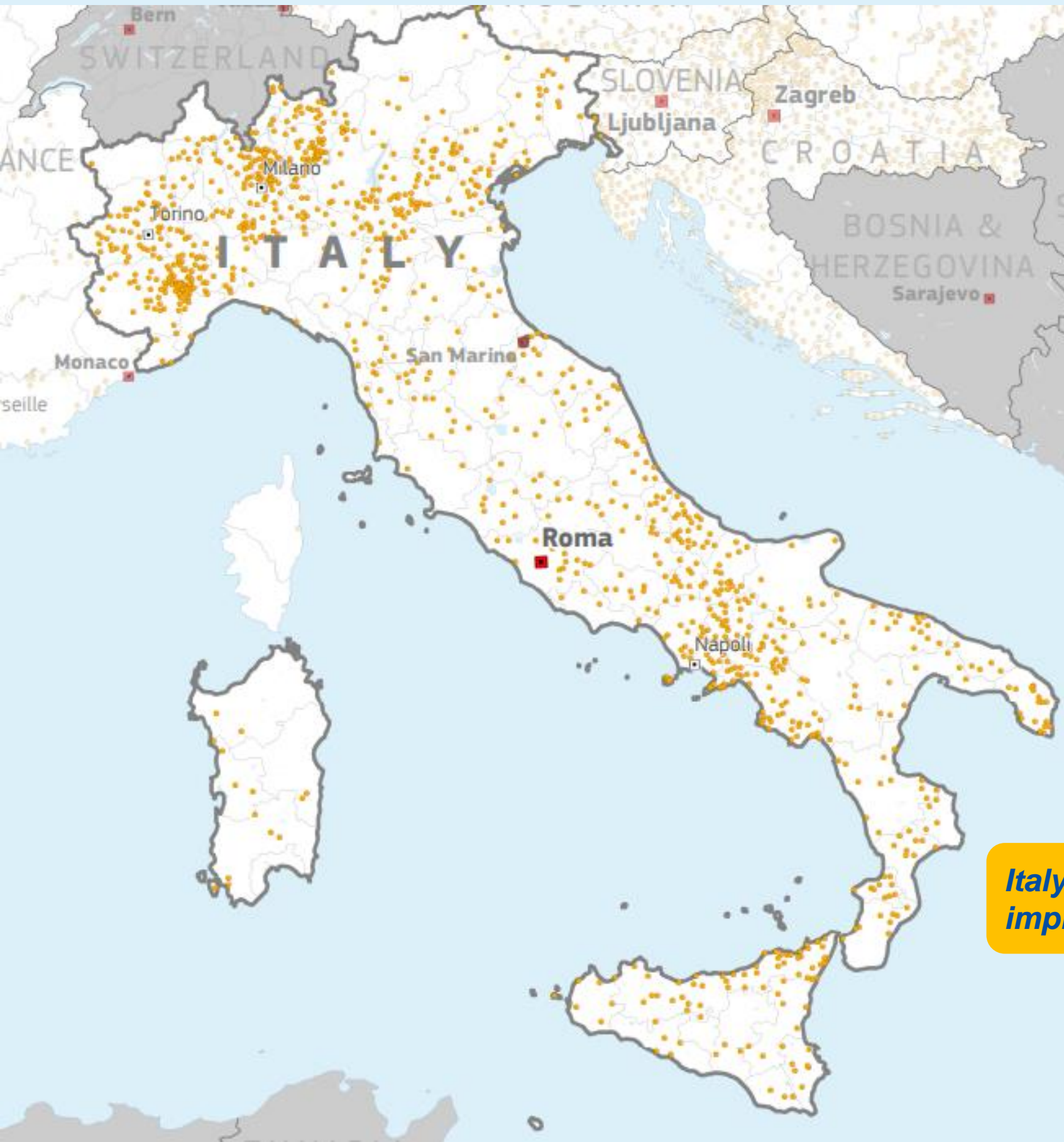
peak daily
connections

More info at [WiFi4EU.eu](https://www.wifi4eu.eu)



European
Commission

WiFi4EU geographical coverage in Italy



WiFi4EU in Italy



1,170 municipalities signed the Grant Agreement and have been granted with the €15,000 voucher



1,077 municipalities implemented the project and have installed the Wi-Fi network



92% implementation rate achieved in Italy

Italy is among the ten countries with the highest implementation rate of WiFi4EU networks





1,206 active networks

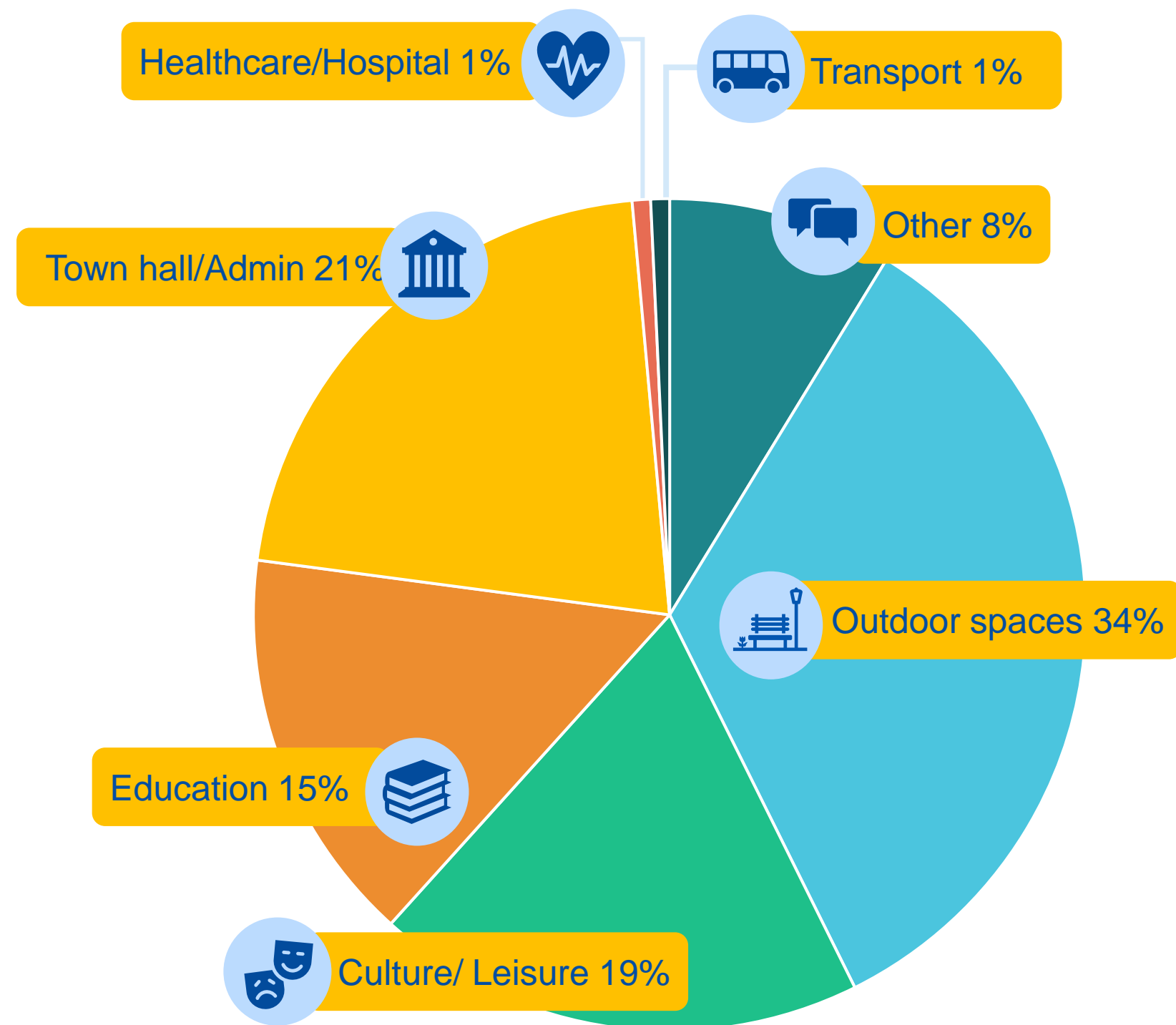


4 million connections
(May 22 to May 23)



12,888 hotspots

Types of Access Points location



Digital programmes | Italy



Horizon Cluster 4 HaDEA part – 2021-2022 DIGITAL

Number of signed grants (out of 74 signed grants)

41

Budget (EC contribution) for beneficiaries (out of total 399,3 million)

41.65 million

INDUSTRY

Number of signed grants (out of 212 signed grants)

142

Budget (EC contribution) for beneficiaries (out of total 1.36 billion)

142.3 million

SPACE

Number of signed grants (out of 46 signed grants)

31

Budget (EC contribution) for beneficiaries (out of total 218.8 million)

24.17 million

DIGITAL HaDEA part – 2021-2022

Number of signed grants (out of 70 signed grants)

27

Budget (EC contribution) for beneficiaries (out of total 182 million)

18.19 million

CEF2 Digital HaDEA part – 2021-calls

Number of signed grants (out of 38 signed grants in total)

3

Budget (EC contribution) for beneficiaries (out of total 149.50 million)

4.29 million



Digital programmes | Italy



Horizon 2020

HaDEA part – ending from
2023 onwards

Number of signed grants (out of 407 total grants)

251

Budget (EC contribution) for beneficiaries (out of total 2.68 billion)

264.8

CEF Telecom

HaDEA part – running projects

Number of ongoing grants (out of 217 ongoing grants in total)

35

Budget (EC contribution) for beneficiaries (out of total EC contribution of 118 million)

17

WiFi4EU (legacy)

Active Networks

1,206

Access points

12,888



European
Commission

Calls for proposals

Horizon Europe Cluster 4 – Calls 2024*

HORIZON-CL4-2024-TWIN-TRANSITION-01

- 11 topics
- Deadline: 7 February (single stage & stage 1)
24 September (stage 2) 2024
- EU indicative budget: **€288 million**

HORIZON-CL4-2024-RESILIENCE-01

- 9 topics
- Deadline: 7 February (single stage & stage 1)
24 September (stage 2) 2024
- indicative EU budget: **€222,2 million**

HORIZON-CL4-2024-DIGITAL-EMERGING-01

5 topics

- Deadline: 19 March 2024
- indicative EU budget: **€136,5 million**

HORIZON-CL4-2024-HUMAN-02

1 topic

- Deadline: 10 September 2024
- indicative EU budget: **€5 million**

HORIZON-CL4-2024-SPACE-01

4 topics

- Deadline: 20 February 2024
- indicative EU budget: **€46,3 million**

Calls for proposals

Digital Europe

DIGITAL-2023-CLOUD-DATA-04

1 topic

- Deadline: 26 September 2023
- indicative EU budget: **€6 million**

DIGITAL-2023-SKILLS-04

2 topics

- Deadline: 26 September 2023
- indicative EU budget: **€16 million**

DIGITAL-2023-DEPLOY-04

2 topics

- Deadline: 26 September 2023
- indicative EU budget: **€26,2 million**

DIGITAL-2023-CLOUD-DATA&AI-05

2 topics

- Deadline: January 2024
- indicative EU budget: **€12 million**

DIGITAL-2023-SKILLS-05

2 topics

- Deadline: January 2024
- indicative EU budget: **€32 million**

A Digital Decade to shape EU's transformation

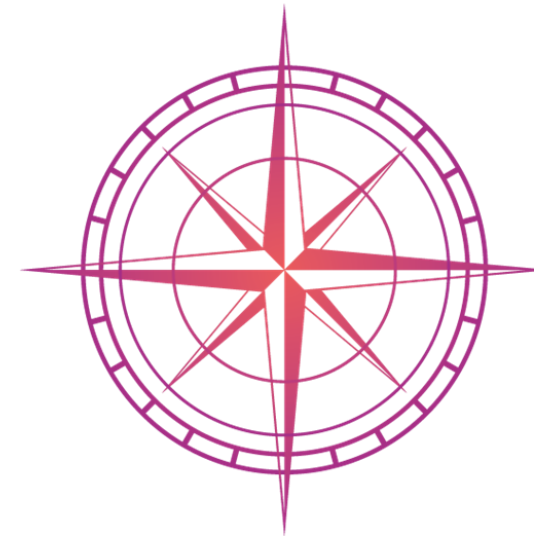
VALUES



TARGETS

Skills

ICT Specialists: 20 millions + more women in ICT
Basic Digital Skills: min 80% of population



Infrastructures

Connectivity: Gigabit for everyone
Cutting edge Semiconductors: double EU share in global production
Data – Edge & Cloud: 10,000 climate neutral highly secure edge nodes
Computing: first computer with quantum acceleration

Business

Tech up-take: 75% of EU companies using Cloud, AI or Big Data
Innovators: grow scale ups & finance to double EU Unicorns
Late adopters: more than 90% of European SMEs reach at least a basic level of digital intensity

Government

Key Public Services: 100% online
e-Health: 100% of citizens with online access to health records
Digital Identity: 100% citizens have access to digital ID

Synergies

Health & Digital



EU4Health

- MyHealth@EU
- eHealth DSI
- Snomed
- European Health Data Space
- HealthData@EU
- IT tool on intelligence gathering
- EU app & smart card for cancer patients



HE-Cluster 1

- Tools, technologies and digital solutions for a healthy society
- “Virtual twins” for personalised disease management
- Data Quality/Utility Label for European Health Data Space



HE-Cluster 4

- Nanomedicine
- Biomaterials for health innovations
- Biophotonic imaging, sensing techniques for diagnosis, screening, treatment, possibly including augmented reality (AR)



Digital Europe

- Digital skills/ AI in health sector
- Masters: digital transformation of health sector



CEF Digital

- 5G coverage for healthcare services
- Cloud infrastructure backbone connectivity for health

Looking for funding?

Apply for grants

Funding and Tenders Portal (FTP)

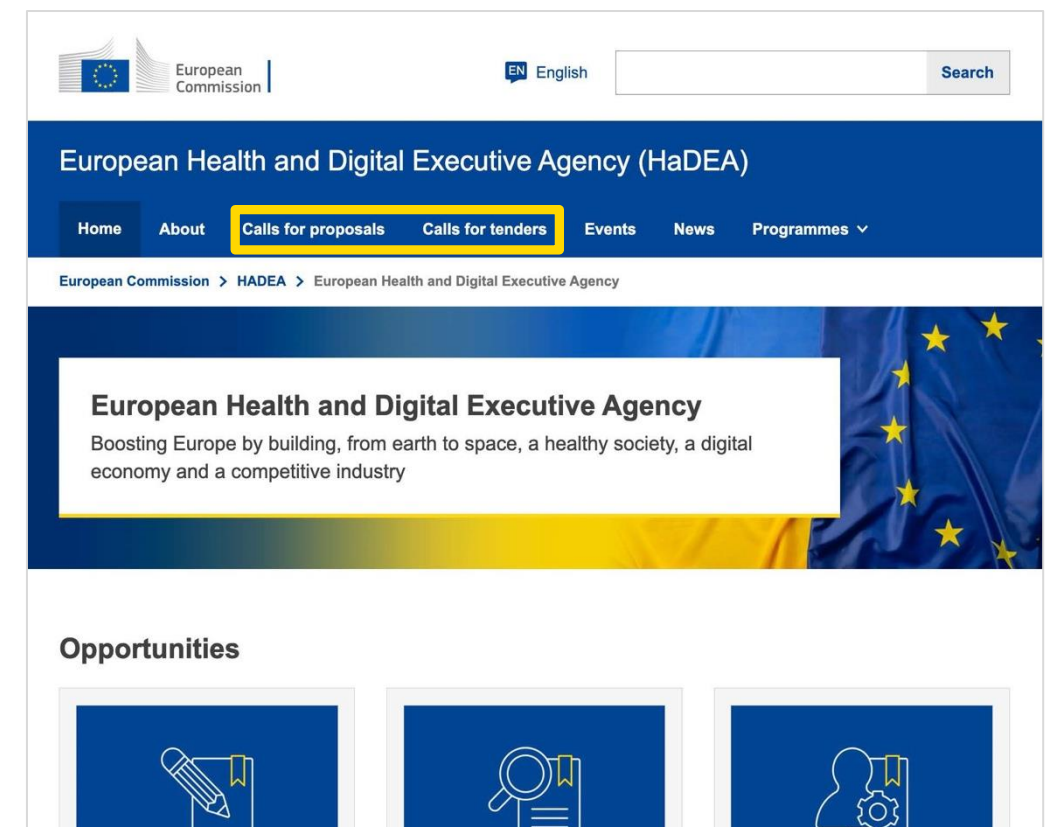


Apply for tenders

eTendering (eTed)



info via the HaDEA website



Remain connected

HaDEA

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 [European Health and Digital
Executive Agency](https://www.linkedin.com/company/european-health-and-digital-executive-agency)

European Commission

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Thank you



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