

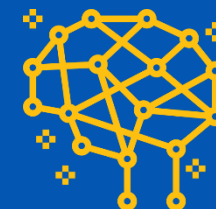


CEF Digital - 5G CORRIDORS

5G coverage along European transport paths

10 October 2023

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HaDEA



HaDEA – the European Health and Digital Executive Agency

Programme sectors



Health



Food safety



Space

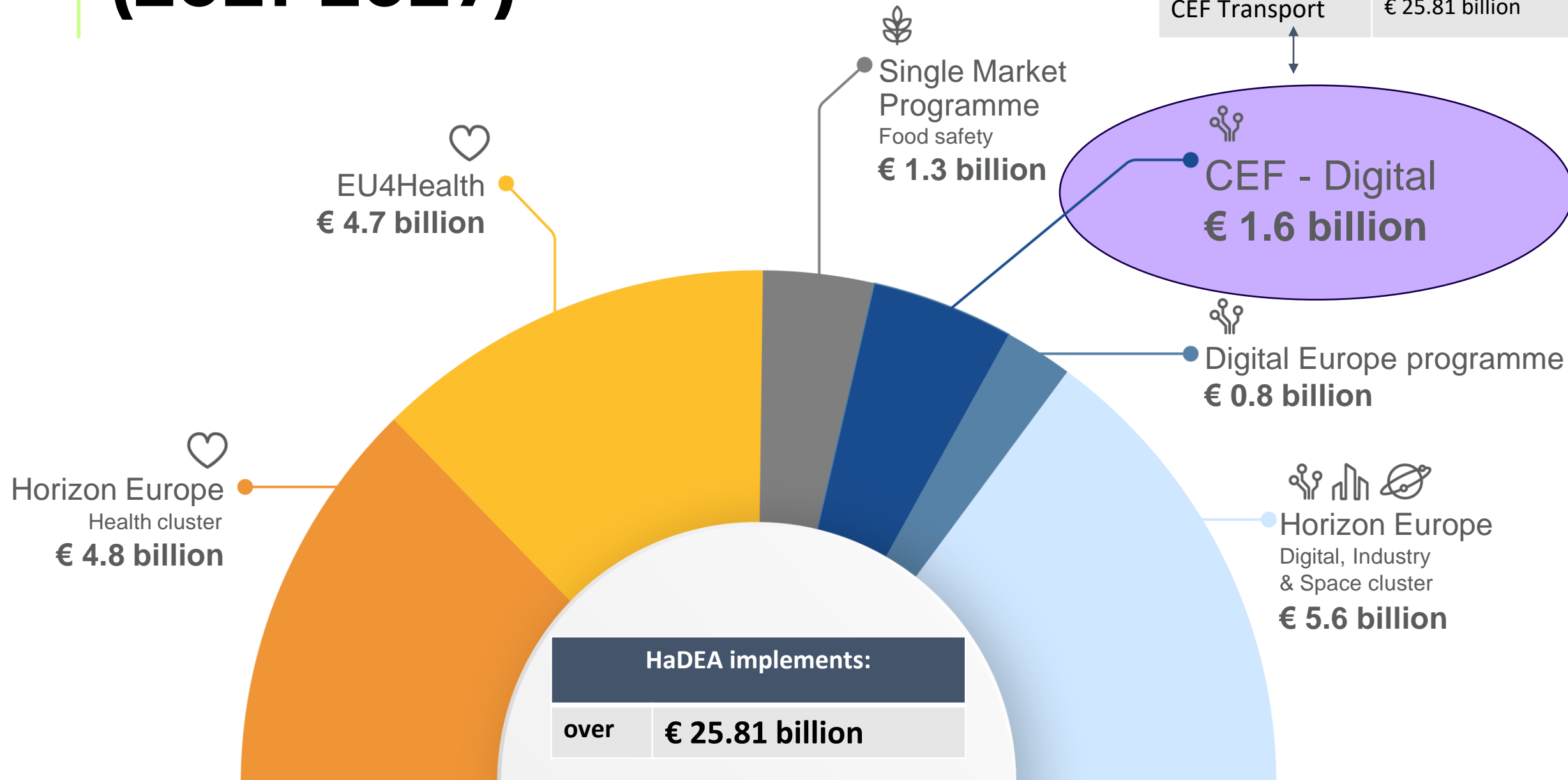


Industry

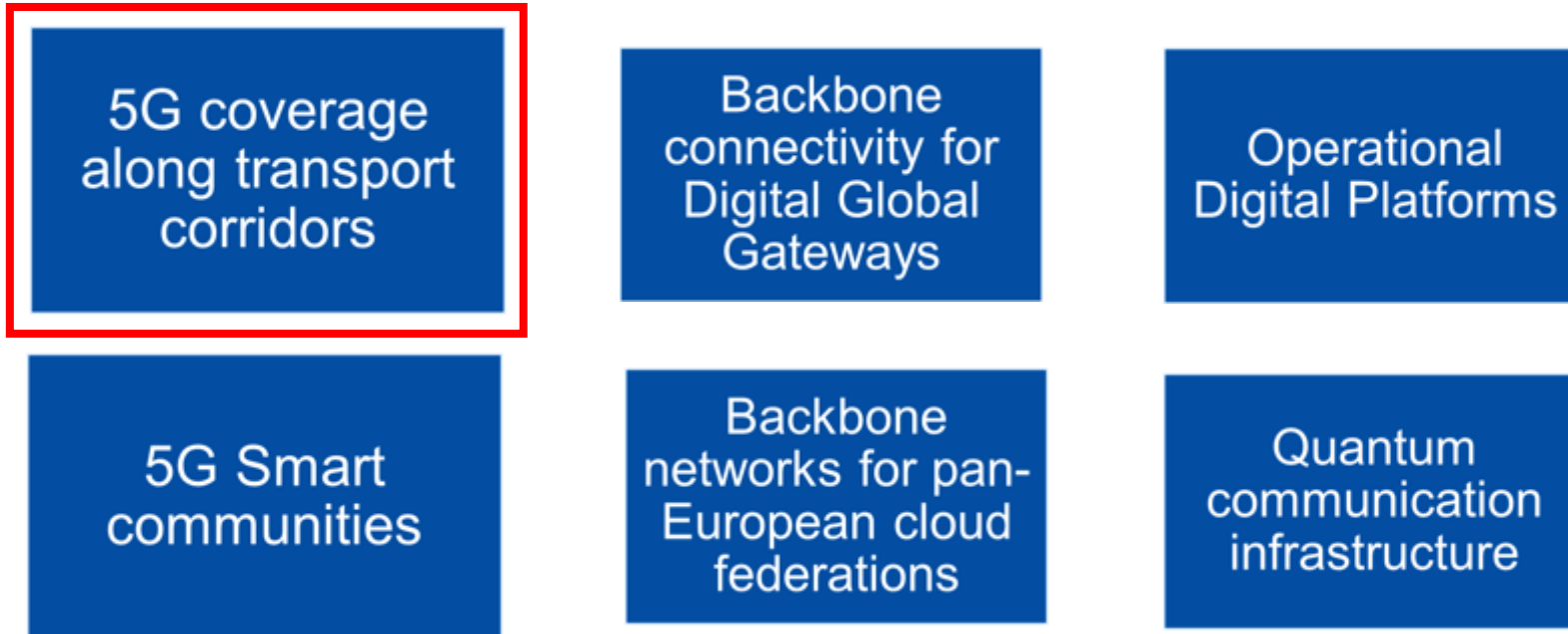


Digital

HaDEA's Programmes (2021-2027)



CEF-Digital 2021-27



1st wave of 5G Corridors projects



Total 15 PROJECTS

- 7 Works projects
- 8 Studies projects

*Total Investment € 97,7M
(€ 41,6M EU grants)*

*Always cross border and
market failure areas!*

Results Call 1 in a nutshell

Deployment projects - cooperation models

- ✓ “Passive” infrastructure deployment to explore new business model on infrastructure sharing (neutral host model):): multipurpose, 5G for CAM and non safety services
- ✓ Design and testing cross border service continuity (PLMN Handover solutions 4GLTE, 5GNSA and 5GSA) and testing use cases – European blueprint
- ✓ 5G network roll-out as enabler for CAM and FRMCS use cases, testing network slicing

Inception Studies projects:

- ✓ Technical studies for future deployment projects in road, rail and inland waterways (network planning and architecture, CBA, legal/regulatory analysis, etc.)

State of play Call 1 projects

Works projects:

- ✓ On track, some extensions expected but no major issues reported at this stage

Study projects:

- ✓ 7 Projects successfully finalised (payments ongoing)
- ✓ 1 Project still ongoing

You will hear more from project promoters and from survey performed by **GUIDE**

Results of Call 2 – just announced!

Total 7 PROJECTS

- 3 Works projects
- 4 Studies projects

Total Investment € 24,4M (€ 12,2M EU grants)

Subject to finalisation of the Grant Agreements!



Results Call 2 in a nutshell

Deployment projects

- ✓ “Passive” infrastructure deployment to explore new business model on infrastructure sharing (neutral host model): multipurpose, 5G for CAM and non safety services
- ✓ Focus on cross-border fiber optic deployment + connecting to 5G radio sites and upgrading towards evolutionary network capacity

Inception Studies projects:

- ✓ Technical studies for future deployment projects in road and rail (network planning and architecture, CBA, legal/regulatory analysis, business models, etc.)

5G Corridors projects' indicators

- ✓ Length of transport corridors covered by 5G
- ✓ Spectrum bands enabled
- ✓ Average inter-radio site distance
- ✓ Type of services covered (commercial and safety-related)
- ✓ Data rate and latency per vehicle
- ✓ Edge computing facilities*

Cooperation with the **GUIDE project** (Coordination and Support Action) to identify best practices and contribute to the Strategic Deployment Agenda for 5G in Europe

* New Coordination and Support Action on the Integration of 5G with edge cloud and federated cloud facilities (Subject to finalisation of the Grant Agreement)

HaDEA at your service

Thank you !

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#DigitalEU



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