Navigating the Horizon Europe digital calls 2027

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NCP for Digital and Industry in Estonia

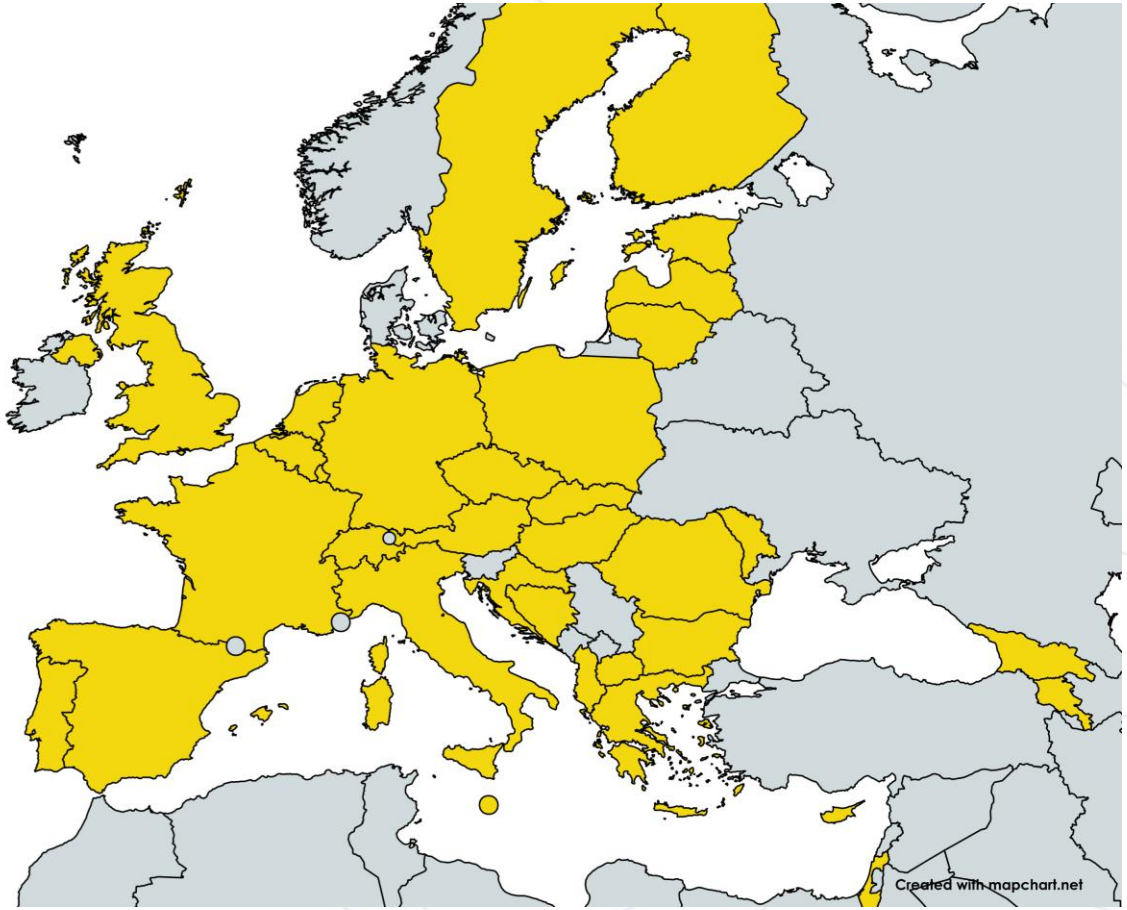
NCPs and the Ideal-ist network

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- **N**ational **C**ontact **P**oints for Horizon Europe Cluster 4
- specialised on funding calls for digital technologies
- many participate in the **„Ideal-ist“** project
- **„Ideal-ist“** is a network of 33 NCP offices across the EU and beyond
- Sharing best practices & preparing tools
- Even more NCPs in additional countries, browse the full list!!!

Find your NCP
for Horizon Europe Cluster 4
here!!



NCPs and the Ideal-ist network

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Project idea

- Project idea checks
- Call background info



Consortium building

- Partner search support
- Brokerage events



Proposal writing

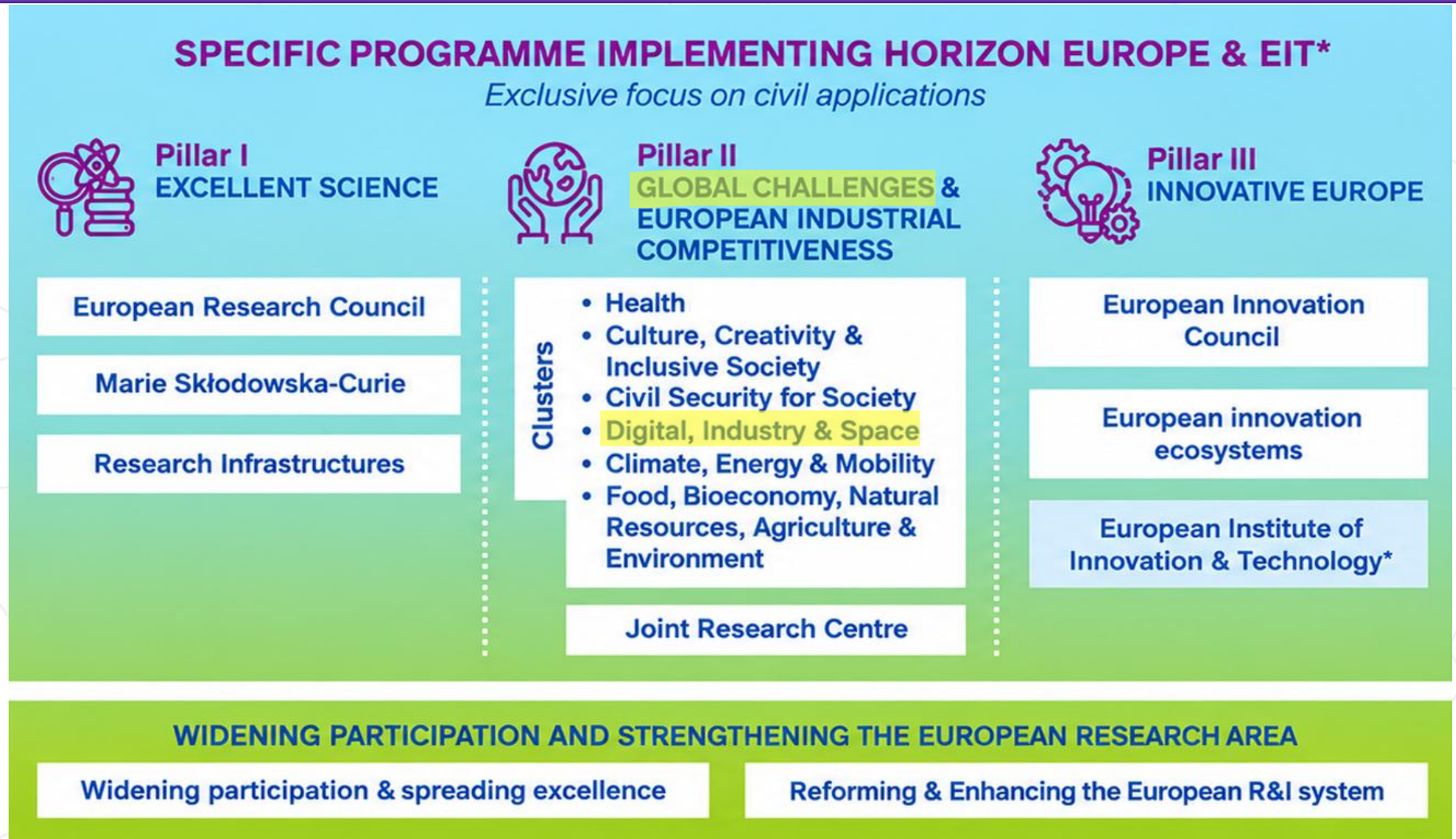
- Topic Tree
- Full Proposal Checks



IDEAL-IST
GA No 101207064

The structure of Horizon Europe

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CLUSTER 4: Destinations for digital calls in 2027

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- ***Destination 3 (DATA)***: **Developing an agile and secure single market and infrastructure for data-services and trustworthy artificial intelligence services**
- ***Destination 4 (DIGITAL EMERGING)***: **Achieving open strategic autonomy in digital and emerging enabling technologies**
- ***Destination 6 (HUMAN)***: **Digital and industrial technologies driving human-centric innovation**



Cluster 4: Digital, Industry and Space – Work Programme 2026-27

Topic	Title	Type of Action
HORIZON-CL4-2027-04-DATA-08	Demand-side 3C (Computers, Communications, and Consumer Electronics) pilot demonstrators on converged Telco Edge Cloud Infrastructure	IA
HORIZON-CL4-2027-04-DATA-03	New approaches for decentralized, federated and sustainable AI data processing	RIA
HORIZON-CL4-2027-04-DATA-09	Energy efficiency and sustainability of AI data processing in Data Centres	IA
HORIZON-CL4-2027-04-DIGITAL-EMERGING-11	EU Frontier AI Initiative: Developing frontier AI solutions that are safe and computationally efficient within Apply AI	RIA
HORIZON-CL4-2027-04-DIGITAL-EMERGING-04	Apply AI: Challenge-Driven AI Innovation Booster in Apply AI prioritised sectors (Partnership in AI, Data and Robotics)	RIA
HORIZON-CL4-2027-04-DIGITAL-EMERGING-05	Apply AI: AI-Driven Robotics for Industry: Enabling System Integration and Adoption (Partnership in AI, Data and Robotics)	IA
HORIZON-CL4-2027-04-DIGITAL-EMERGING-06	International cooperation in AI	IA
HORIZON-CL4-2027-05-DIGITAL-EMERGING-03	Advanced integrated photonic devices for extended features and ultra-low power consumption (Photonics Partnership)	RIA
HORIZON-CL4-2027-04-DIGITAL-EMERGING-10	Horizon scanning and foresight in future enabling digital technologies	CSA
HORIZON-CL4-2027-04-HUMAN-01	Advanced and Innovative hardware components for Virtual Worlds	RIA
HORIZON-CL4-2027-04-HUMAN-02	Create a thriving and competitive Virtual Worlds and Web 4.0 ecosystem	CSA
HORIZON-CL4-2027-04-HUMAN-07	Facilitate the engagement of European stakeholders in international digital standardisation	CSA

Horizontal Calls

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- ***HORIZON-RAISE-2027-01-01: Automated Scientific Discovery - Materials Science (RAISE pilot) (RIA)***
- ***HORIZON-RAISE-2027-01-02: Automated Scientific Discovery - Food (RAISE pilot) (RIA)***
- ***HORIZON-RAISE-2027-01-04: Developing a model for a Data Lab for Science linking with EOSC and RAISE (RAISE pilot) (CSA)***



Horizon Europe Work Programme 2026-2027 - 14. Horizontal Activites

Bridging Actions

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- ***HORIZON-BRIDGING-2027-01-09: EU AI Media Platform - modular multilingual public-interest infrastructure for European news and audiovisual media ”***
- ***HORIZON-BRIDGING-2027-01-10: Autonomous Drive Ambition Cities (IA) - Apply AI***
- ***HORIZON-BRIDGING-01-12: Large-Scale piloting of next-generation AI-driven digital platforms for a more affordable, secure and sustainable European energy system (IA) - Apply AI***
- ***HORIZON-BRIDGING-2027-01-13: EU Frontier AI Initiative: Advanced Scaling Frameworks for High-Performance AI Models (RIA) - Apply AI***



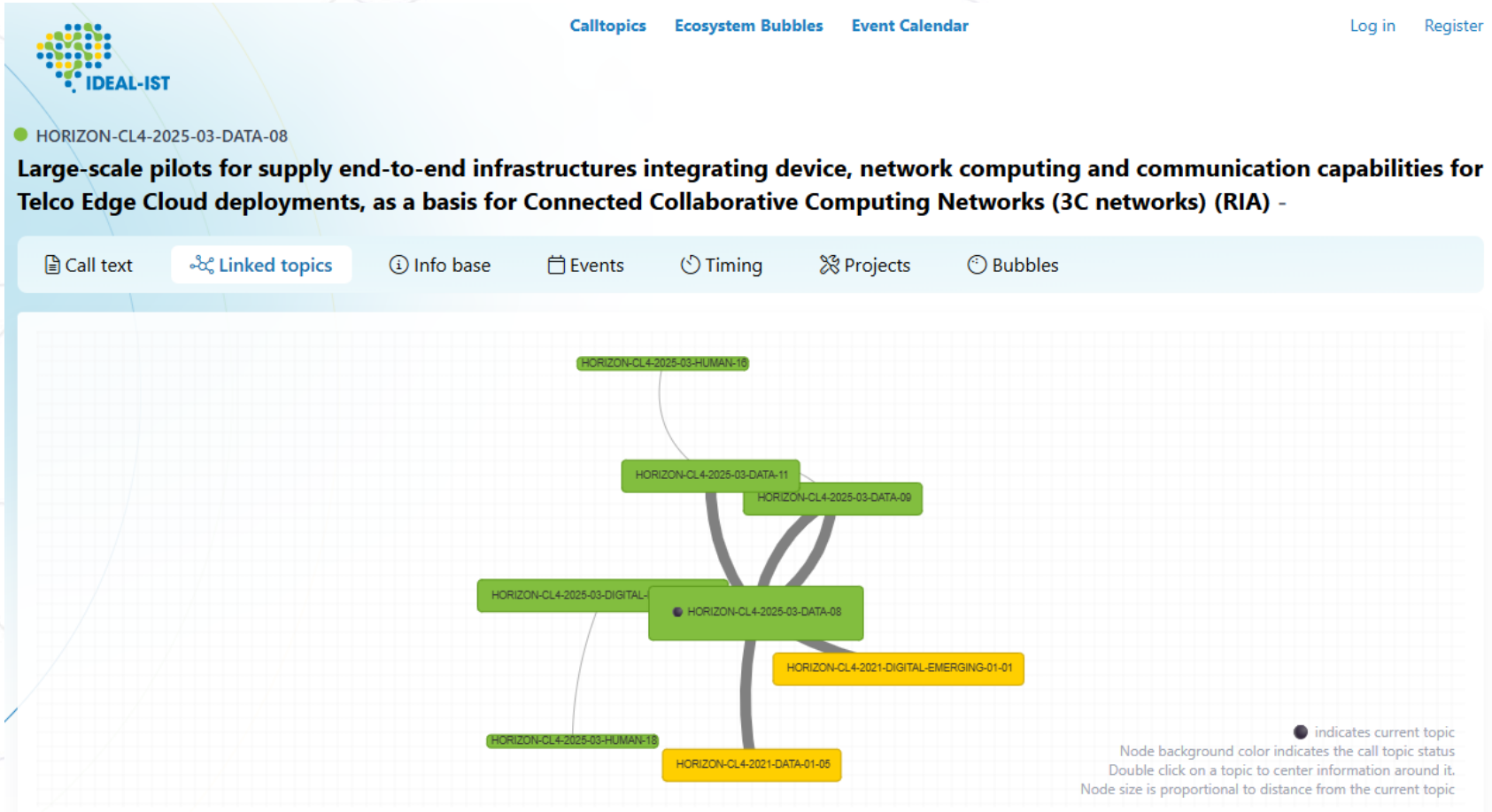
Horizon Europe Work Programme 2026-2027 - 14. Horizontal Activites

TOPIC TREE by Ideal-ist

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In our Topic Tree, you can find…

- relevant background info on your call topic
- topics linked to yours (incl. funded projects)
- events relevant to your call topic



Ideal-ist Topic Tree

MORE PARTNER SEARCH?

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Ongoing b2match partner search for Digital calls: both online and onsite!



Horizon Europe Cluster 4 Digital Matchmaking Platform

Register now

Registration open until 2 Sept 2027

1514	548	11.9k	603	61.7k
Registered participants	Booked meetings	Exchanged messages	Posted opportunities	Profile views



https://www.b2match.com/e/cl4-digital2026-matchmaking

Join the matchmaking platform now!

Estonian Research Council

THANK YOU FOR LISTENING

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NCP for Digital and Industry in Estonia

Reach out to your Horizon Europe Cluster 4 NCP here: