

Programa Europa Digital

Infoweek Horizonte Europa – Cluster 4: Digital, Indústria e Espaço

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Desafios

- **Competição global**
- **Proteger infraestruturas e dados vitais**
- **Interoperabilidade e massa crítica**

Missão

- **Autonomia estratégica da Europa: construir capacidades e competências digitais essenciais**
- **Tecnologias digitais essenciais: Acelerar a sua implantação (“deployment”) e melhor uso**



[Website oficial do Programa Europa Digital](#)

Alinhamento com a “bússola digital” da Comissão/DG-CONNECT:

Competências “skills”:

- Especialistas em ICT: 20 milhões + convergência de igualdades de género
- Competências digitais básicas: mínimo 80% população

Governo:

- Serviços públicos essenciais: 100% online
- e-Health: 100% dos cidadãos c/ acesso a dados clínicos
- Identidade digital: 80% dos cidadãos com “digital ID”

Infraestruturas digitais:

- **Conetividade:** Gigabit para todos, cobertura total de 5G
- **Semicondutores “de ponta”:** duplicar a proporção da participação da UE na produção global
- **Dados – “Edge e cloud”:** 10 000 “edge nodes” altamente seguros e “climate neutral”
- **Computação:** primeiro computador com aceleração quântica

Infraestruturas digitais:

- **Tech up-take:** 75% das empresas da UE utilizando cloud/AI/Big Data
- **Inovadores:** fazer crescer e financiar “scale ups” para duplicar unicórnios na UE
- **“Late adopters”:** mais de 90% das PMEs atingem um nível básico de intensidade digital

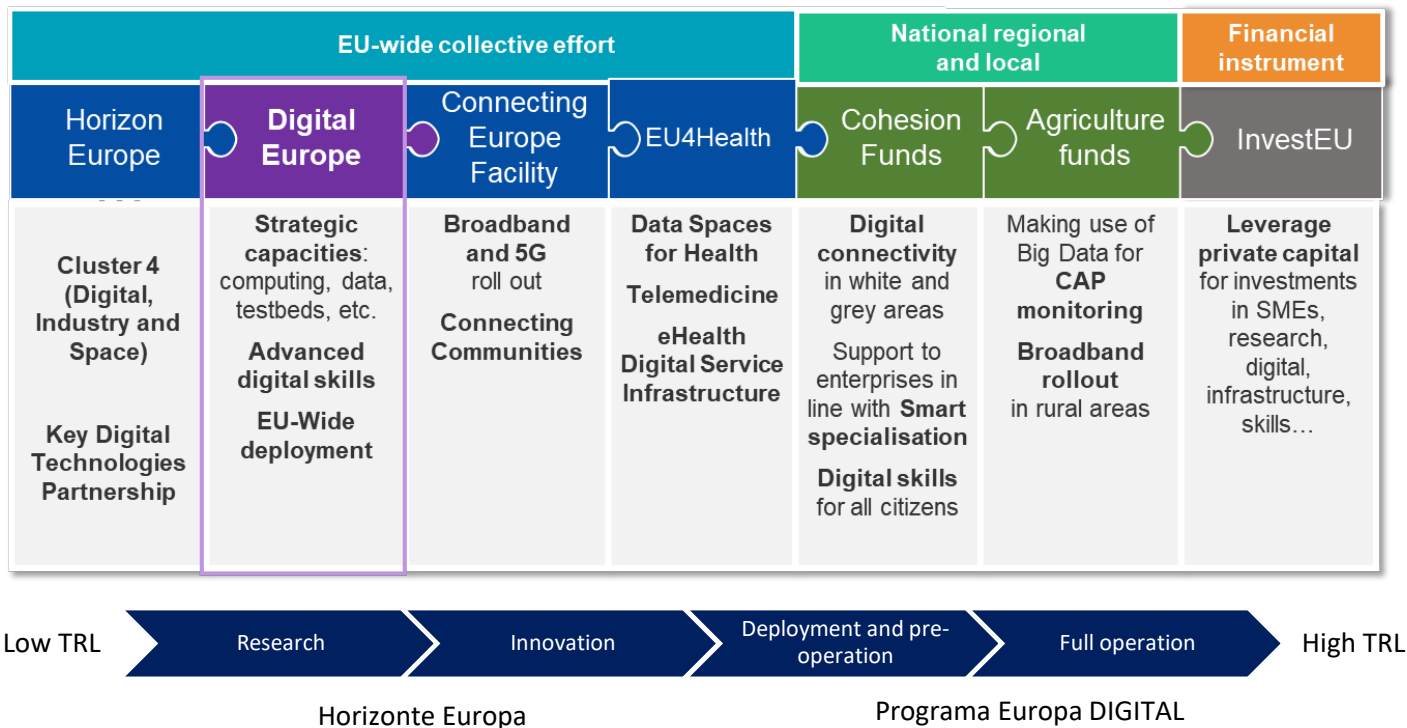
Europe’s Digital Decade: digital targets for 2030

Competências “Skills”

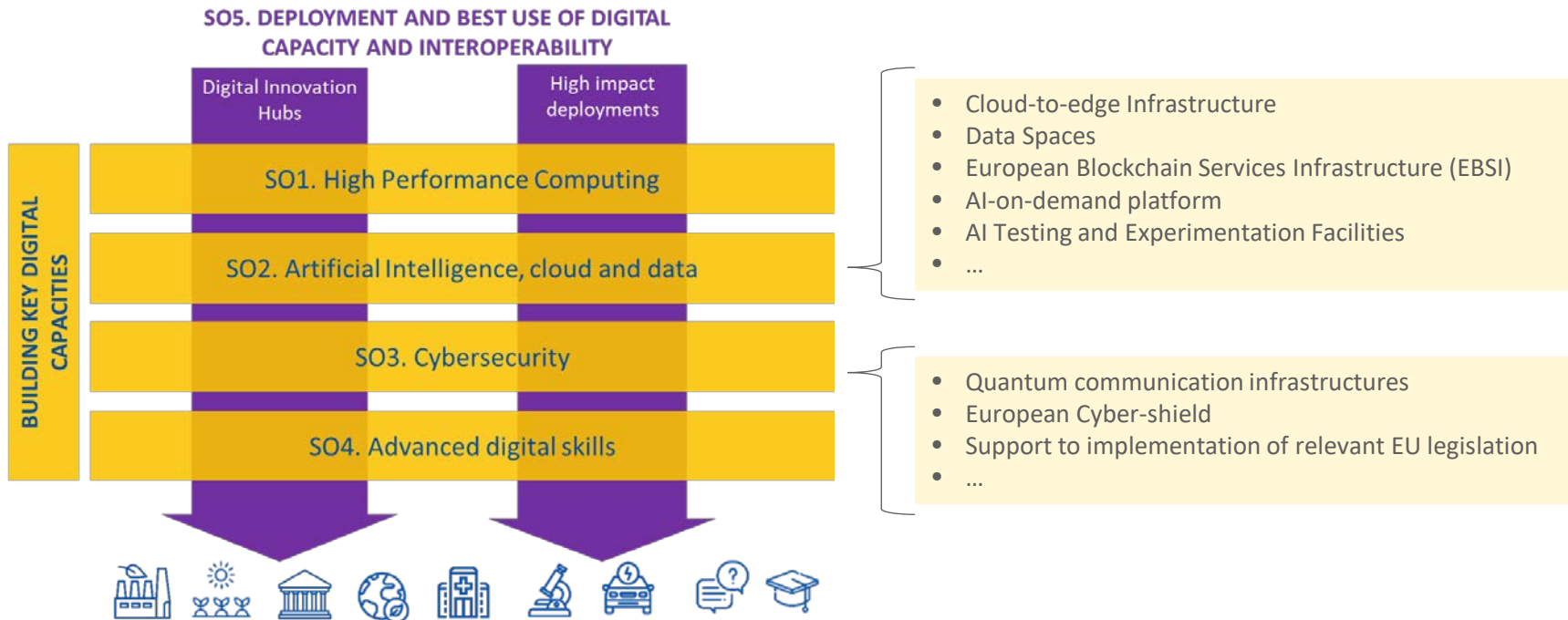


Sinergias entre programas do Quadro Financeiro Plurianual 2021-2027

- Programa Europa DIGITAL: 7 600 M€



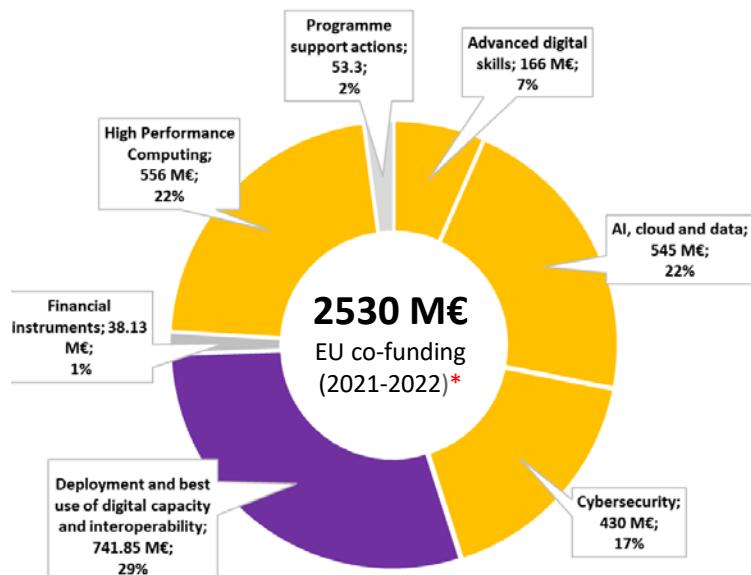
Objetivos estratégicos e estrutura do Programa



Sectores: **Conetividade Segura, Saúde, Agro-alimentar, Mobilidade, Smart cities, Produção industrial, Energia, Justiça, ...**

Primeiros Programas de trabalho

- [Main WP 2021-2022](#)
- [European Digital Innovation Hubs WP 2021-2023](#)
- [Cybersecurity WP 2021-2022](#)



Type of action and funding mechanism	Million €	%
Simple grant (50% co-funding rate)	911.9	37%
Contribution to EuroHPC	556.0	22%
Procurement	312.2	13%
SME support grant (75% co-fund SMEs, 50% others)	190.0	8%
Contribution Agreements	150.0	6%
Grant for procurement (50% co-funding rate)	78.0	3%
Coordination and Support Action (100% funding rate)	76.0	3%
Simple grant (50% co-funding rate) to nominated beneficiaries	55.0	2%
Financial instrument	35.1	1%
Joint Procurement	30.0	1%
Grant for Support to Third Parties	23.0	1%
Other support measures including for e.g. COVID Passport, ...	17.5	1%
Studies	14.4	1%
Proposals evaluation and project reviews	10.4	0%
To be defined by EuroHPC JU Governing Board	10.0	0%
Events, communication, publications	6.0	0%
Other support measures	5.0	0%
Contribution agreement under InvestEU Advisory Hub Agreement	3.0	0%

* Orçamento cobrindo 2021-22 para os programas de trabalho "principal" e "cibersegurança"; e 2021-23 para "EDIHs"

Concursos abertos

Concursos (grants) atualmente abertos à data de hoje (3rd calls):

2. Cloud, data and Artificial Intelligence | [Main WP 2021-22](#) | Data limite: 24 janeiro 2023

2.1 Cloud-to-edge Infrastructure and services

- 2.1.2 Large-scale pilots for cloud-to-edge based service solutions – [DIGITAL-2021-CLOUD-AI-03-PILOTS-CLOUD-SERVICES](#) (Simple grant) [40M€]

2.2.1 Data for EU (Data spaces)

- 2.2.1.2 Data Space for smart communities (deployment) – [DIGITAL-2022-CLOUD-AI-03-DS-SMART](#) (Grant for Support to Third Parties) [18M€]
- 2.2.1.3 Data space for Mobility (deployment) – [DIGITAL-2022-CLOUD-AI-03-DS-MOBILITY](#) (Simple grant) [8.0M€]
- 2.2.1.4 Data spaces for Manufacturing (deployment) – [DIGITAL-2022-CLOUD-AI-03-DS-MANUF](#) (SME support grant) [16.0M€]
- 2.2.1.8 Data space for Media (deployment) – [DIGITAL-2022-CLOUD-AI-03-AI-ON-DEMAND](#) (Simple grant) [8.0M€]

2.3 Artificial Intelligence

- 2.3.1.2 Deployment of the AI-on-demand platform – [DIGITAL-2022-CLOUD-AI-03-AI-ON-DEMAND](#) (CSA) [28M€]

4. Advanced Digital Skills | [Main WP 2021-22](#) | Data limite: 24 janeiro 2023

- 4.1 Specialised education programmes in key capacity areas – [DIGITAL-2022-SKILLS-03-SPECIALISED-EDU](#) (Simple grant) [56M€]

Exemplo: 4.1 Data spaces for Manufacturing (deployment)

DIGITAL-2022-CLOUD-AI-03-DS-MANUF (SME support grant) [16.0M€]

No seguimento de tópico anterior: 2.2.1.4.1 *Preparatory actions for data spaces for manufacturing*

Objective: Deploy two operational data spaces across value chains in the manufacturing sector:

1. address **agile supply chain management and execution** across a large set of supply chain stakeholder
2. dynamic **asset management** and **predictive/prescriptive** maintenance

Reach out to a very large user base, in particular SMEs

Scope:

- bring together **existing national, regional and local data ecosystems**, and relevant stakeholders, to join efforts and **identify common principles for sharing industrial data** and re-using large pools of data at the EU level
- establishment of a **data governance mechanism**

Targeted stakeholders: at least **suppliers and users** as well as **service providers**, any other organisation (such as **data brokers, data stewards, data integrators**) participating in data interoperability activities and organisations

Type of action	➔ SME support grant (75% co-funding rate for SMEs and 50% for all the other beneficiaries)
Indicative Budget	EUR 16 million
Indicative time of call opening	Third call
Indicative duration of the action	24 months
Indicative budget per Grant (EU contribution)	EUR 7-8 million
Implementation	European Commission
Security	Call restricted on the basis of article 12(6) of the Digital Europe Programme Regulation

Exemplo: 2.2.1.4 Specialised education programmes in key capacity areas

DIGITAL-2022-SKILLS-03-SPECIALISED-EDU (Simple grant) [56M€]

Este tópico esteve aberto no primeiro conjunto de concursos (ddl: 22.02.2022)

Objective:

- Support excellence in **higher education institutions**, making them **world leaders in training for digital specialists** and to increase the capacity of the training offer for advanced technologies.
- support the design and delivery of **higher education programme(s)**, such as **bachelor's and master's** (at **ISCED LEVEL 6,7** or equivalent)
- develop related **self-standing modules/courses** (online or in-person) **leading to a certification**

Scope:

- **Learning content:** Artificial intelligence; Blockchain, Cloud computing, Cybersecurity, Data, Extended reality, Internet of Things, Microelectronics, Photonics, Quantum, Robotics
- **Interdisciplinary programmes** (help students to deploy and use technologies) – non-exhaustive list: Agriculture, Energy, Finance, Health, Law, Media and culture, Manufacturing, Sustainable and autonomous mobility, Space

Targeted stakeholders:

- The consortium should demonstrate a **good mix of excellence in education and research in digital technologies and applications**, with solid links to the digital industry in Europe
- consortium should include a **research and excellence centre** and demonstrates in the proposal the relevance of this centre

Type of action	Simple grant (50% co-funding rate)
Indicative Budget	EUR 122 million <i>(para as duas calls, 56M€ para esta)</i>
Indicative time of call opening	First call and third call
Indicative duration of the action	48 months
Indicative budget per Grant (EU contribution)	EUR 5-10 million
Implementation	Executive Agency

Mais informação

Saber mais sobre o Programa Europa DIGITAL



- [Website oficial do Programa Europa Digital](#)
- [Eventos e notícias no website oficial do Programa DIGITAL](#)
- [Publicação dos programas de trabalho e calls: Funding & Tenders opportunities Portal](#)
- [“Digital Skills and Jobs Platform” – Advanced Digital Skills in the Digital Europe Programme](#)
- [Gravações do evento de lançamento do Programa DIGITAL \(“Leading the digital decade” – junho 2021\)](#)
- [Página do Programa Europa Digital na rede PERIN](#) (alguns conteúdos relevantes, mas não atualizado desde abril 2022)

Delegação nacional

Aspetos horizontais

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<https://perin.pt/delegates-ncp/>

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Cybersecurity and trust | Confidence in digital transformation

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Delegação nacional

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Consultar página do IAPMEI sobre a [Rede de Polos de Inovação Digital](#)

Obrigado pela atenção

