



Introduction into the Digital Europe Programme

DG CNECT
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[#DigitalEuropeProgramme](https://twitter.com/DigitalEuropeProgramme)



Digital Europe Programme

recap the main objectives

strategic autonomy



Compete globally

Other regions of the world invest huge amount of public capital in advanced technologies. For example, the US and China spend € 10-20 billion annually on AI alone



Better address Europe's economic and societal challenges

E.g. climate, health, mobility and public services



Achieve scale through collective co-investments

Given the size of investments needed, scale required and risks involved Europe needs to pool the resources together



Ensure broad take-up of digital technologies across all regions of EU

In deploying latest technologies to offer best services to citizens and business



Regain control over Europe's value chains

and ensure Europe's technological sovereignty



Support SMEs to acquire or access the latest technologies and skills

More than 400,000 EU vacancies in these fields



EU's Digital Decade – Goals for 2030

Skills

ICT Specialists: 20 millions + Gender convergence

Basic Digital Skills: min 80% of population

Public Services

Key Public Services: 100% online

e-Health: 100% availability medical records

Digital Identity: 80% citizens using digital ID



Infrastructures

Connectivity: Gigabit for everyone, 5G everywhere

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

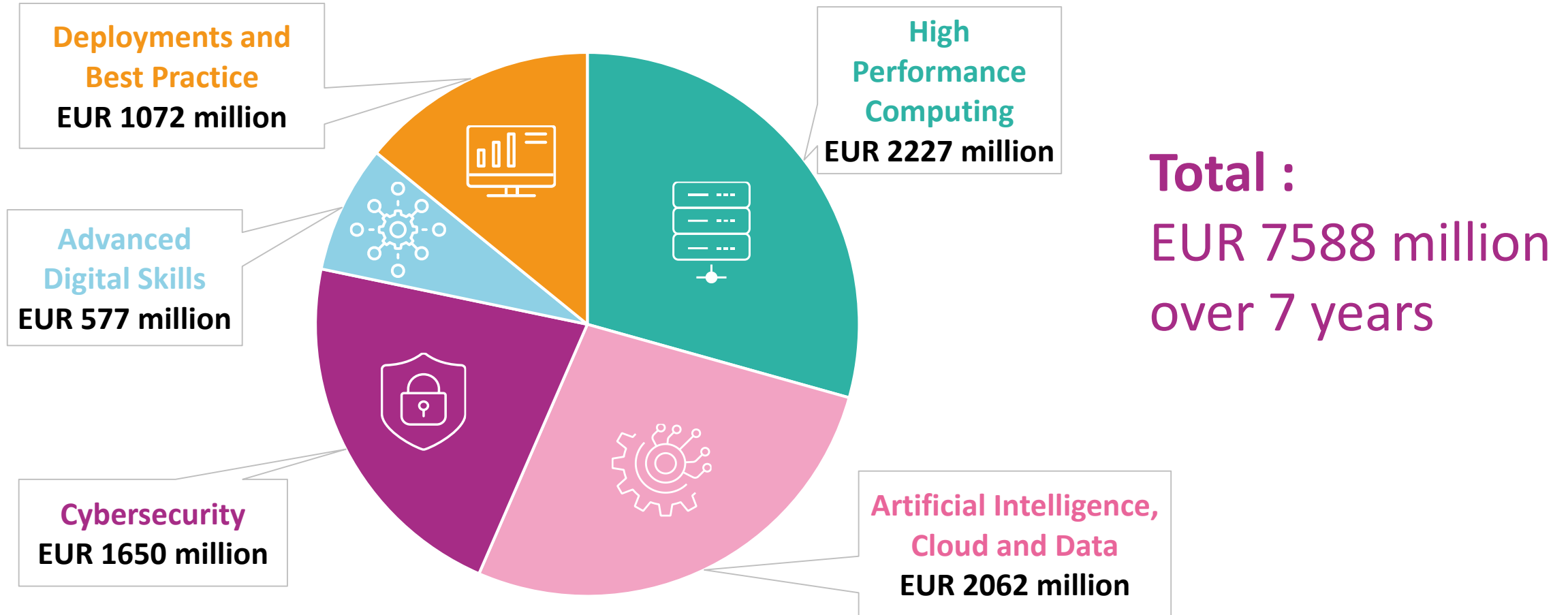
Business

Tech up-take: 75% of EU companies using Cloud/AI/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

Budget as in Regulation



Digital Europe is complementary to other programmes with investments in digital



EU-wide collective effort					National regional and local			Financial instrument
Horizon Europe	Digital Europe	CEF	Creative Europe	Health	Cohesion	Agriculture Funds	RRF	InvestEU
Research Innovation	Strategic capacities: computing, data, testbeds, etc. Advanced digital skills EU-Wide deployment	Broadband and 5G roll out Connecting Communities	Creative industry Media	Telemedicine eHDSI	Digital connectivity in white and grey areas Support to enterprises in line with Smart specialisation Digital skills for all citizens	Making use of Big Data for CAP monitoring Broadband rollout in rural areas	Connect Scale-up Modernise Reskill and Upskill 20% digital	Leverage private capital for investments in SMEs, research, digital, infrastructure, skills...

Some specific features



- Funding schemes : Similar but not exactly the same to Horizon Europe, e.g.
 - Grants with cost reimbursement 50% for everybody or with 75% for SMEs
 - CSA at 100%
 - Wider use of procurement
- Focus is on delivery of actual results. It will make use of the most recent research results, but it will not support research. For example, the programmes supports:
 - The acquisition of HPC machines
 - The set-up of sectorial data spaces, eg manufacturing
 - The building or reinforcing of Testing and Experimentation Facilities
 - The set up and delivery of Master courses in key advanced digital technologies
 - The set-up, interoperability, operations and maintenance of a number of services in the eGov area
- The Call texts specify the detailed information needed to submit a proposal
- The programme has specific restrictions to participation of entities not in the EU or in the EEA. These restrictions are specified in the WP and in its annexes.



Digital Europe work programmes 2021-22

- Four work programmes :
 - *High Performance Computing* → managed by the EuroHPC JU and not part of the package to be adopted by the Commission
 - Cybersecurity → managed by the ECCC and, ad interim, by DG CNECT
 - European Digital Innovation Hubs → managed by DG CNECT
 - "Main" work programme → managed by DG CNECT, EA HaDEA and making use of Indirect management for some actions



DIGITAL Europe Programme in summary

High-performance computing

- Independent annual work programme
- Adopted by the EuroHPC JU Governing Board
- Indicatively EUR 556 million for 2021-2022

Cybersecurity

- Independent work programme
- It will be managed by ECCC, but for the moment is with DG CNECT
- EUR 269 million for 2021-2022

Exception:

- Quantum communication infrastructure – QCI which is covered in the "main" work programme
- EUR 170 million for 2021-2022

European digital innovation hubs

- Independent work programme covering three years
- Managed by DG CNECT
- EUR 329.3 million for 2021-2023

Artificial intelligence, Data and Cloud

- In the "main" work programme, covering two years
- Adopted and managed by the Commission
- EUR 548 million for 2021-2022
 - EUR 204 million for topics related to cloud-to-edge infrastructure and services
 - EUR 206 million for sectorial data spaces and related activities
 - EUR 139 million for TEFs and AI-on-demand platform

Advanced digital skills

- In the "main" work programme, covering two years
- Managed by HaDEA
- EUR 166 million for 2021-2022

Deployments

- In the "main" work programme, covering two years
- Adopted by the Commission
- Mainly managed by HaDEA
- EUR 419.65 million for 2021-2022



Where are we today?



- First Work programme (2021-2022) adopted by Commission on 10 November 2021
- The first call opened on 17 November 2021 and closed on 22 February (except for the QCI calls that were open until 29 March)
- The second call opened on 22 February 2022 and closed on 17 May (except for Accelerating best use of technologies that closed on 17 August 2022).
- **The third call opened on 29 September.**
 - **The deadline for these calls is 24 January 2023 except for the European Digital Innovation Hubs which has a deadline of 16 November 2022.**
 - **Cybersecurity call postponed.**
- **Second Work Programme (2023-2024) currently in preparation.**



Third call for proposals

Third call in the “Main” work programme:

SO	Area	Budget in million EUR
2	Topics covering cloud-to-edge infrastructure	40
2	Topics covering data spaces	50
2	Topics covering AI	28
4	Advanced digital skills	52
	Total	170

Second call in the Cybersecurity work programme:

SO	Area	Budget in million EUR
3	Topics covering European “cyber-shield”	137
3	Topics covering Support to implementation of relevant EU legislation	47
	Total	184

Total: €354 million for this call for proposals (grants) covering 14 actions and three Specific Objectives



Third call for proposals

SO2:

Cloud-to-edge infrastructure: Large scale pilots for cloud-to-edge based service solutions

Type of action	Simple grant (50% co-funding rate)
Indicative Budget	EUR 40 million
Indicative time of call opening	Third call
Indicative duration of the action	24 to 36 months
Indicative budget per Grant (EU contribution)	EUR 8-10 million
Implementation	European Commission
Security	Call restricted on the basis of article 12(6) of the Digital Europe Programme Regulation



Third call for proposals

Data Spaces (deployment)

Data space for mobility

Data space for media

Data space for smart communities

Data space for manufacturing

AI

Deployment of AI on demand platform

Advanced digital skills

Specialised education programmes or modules in key capacity areas

European “cyber-shield”

EU cybersecurity resilience, coordination and cybersecurity ranges

Capacity building of Security Operation Centres

Securing 5G strategic digital infrastructures and technologies

Uptake of innovative cybersecurity solutions

Support to implementation of relevant EU legislation

Deploying the Network of National Coordination Centres with Member State

Supporting the NIS Directive implementation and national cybersecurity strategies

Testing and certification capabilities



Who can participate?

In order to be **eligible**, participants must be:



legal entities (public or private bodies and international organisations of European interest)

and



established in a **EU member state** (including overseas territories) or an **eligible non-EU country**.

In addition, there may be restrictions regarding **security** and **strategic autonomy**.

More information



- [Digital Programme | Shaping Europe's digital future \(europa.eu\)](https://ec.europa.eu/info/funding-tenders/opportunities/portal)
- Participants portal - Funding & tender opportunities
 - <https://ec.europa.eu/info/funding-tenders/opportunities/portal>



Thank you – Questions?



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