



# Info-Day: EU Funding Programmes for Health and Digital Transformation

*EC DG CONNECT  
presentation and the  
Digital Europe  
Programme*



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#DigitalEuropeProgramme

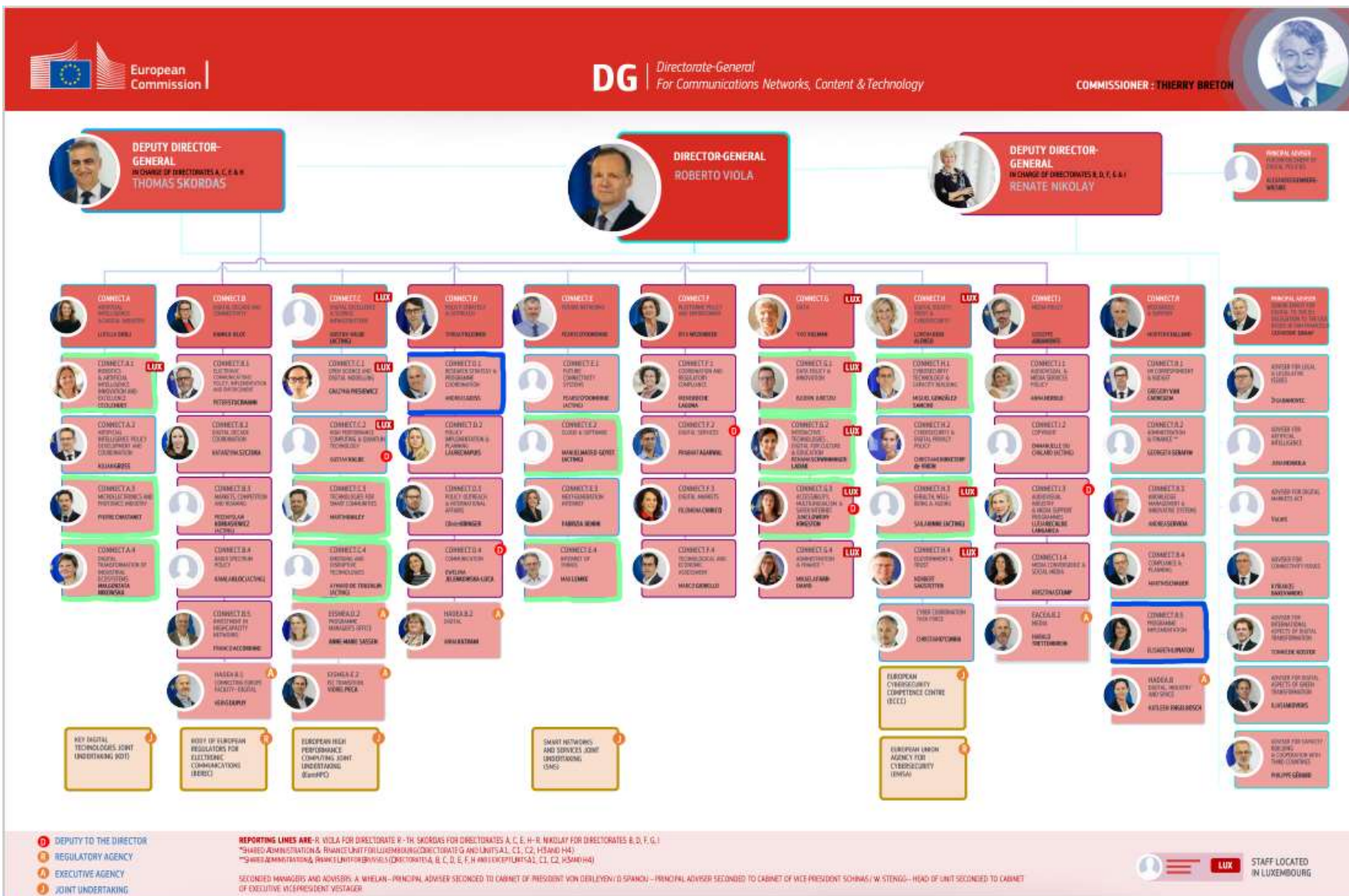


# DG CONNECT in brief

- ***Making Europe fit for the digital age*** : Key political priority European Commission's President Ursula von der Leyen
- DG CNECT supports the digital transformation and fosters the internal markets by investing in R&I, deployment of green and digital technologies
- Digital Europe is part of the multi-annual financial framework (MFF) 2021-2027



# DG CONNECT Organigramme





# DIGITAL Objective and Rationale

*Ensure that Europe drives the digital transformation of society and economy, bringing benefits to all citizens and businesses*



## 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



# Specific Objectives

## High-performance computing

Deploy world-class exascale, post-exascale supercomputing and quantum computing capacities to ensure the widest access to and use of these capacities.

## Cybersecurity and Trust

Build up advanced cybersecurity capabilities (equipment, tools and data infrastructures), including a quantum secure communication infrastructure for Europe. Promoting the sharing of best practices and ensuring a wide deployment of the state-of-the-art cybersecurity solutions.

## Deployments and best use of digital capacities and interoperability

Deploy a network of European digital innovation hubs supporting the digital transformation of European public and private organisations, addressing key societal challenges via high-impact deployments and reinforcing the European blockchain capacities and the digital transformation of public administrations and services through interoperability solutions while promoting an inclusive and trustworthy digital space.

## Artificial intelligence, Data and Cloud

Deploy EU-wide common data spaces based on a cloud-to-edge federated infrastructure and promote the testing and adoption of artificial intelligence technologies with a European AI platform and world-class testing and experimentation facilities.

## Advanced digital skills

Boost academic excellence by increasing the education and training offer in key digital technologies, such as high-performance computing, cybersecurity and artificial intelligence. Training in these areas will be implemented through cooperation among tertiary education institutions, world-class research centres and innovative businesses.

## Semiconductors

This new specific objective integrated into Digital Europe with the adoption of the Chips Act, will promote EU's leadership in semiconductor technologies and applications.





# Introducing the Union's first ever digital governance tool, called "Digital Decade Policy Programme"

- **Confirms and operationalizes** the Commission's [Digital Compass Communication](#) from March 2021, which lays out a concrete vision of a digital future with EU-level targets for 2030.
- **Responds to strong political guidance and support** from President von der Leyen to make this Europe's "Digital Decade", the European Council's conclusions from March, as well as Member States and private sector contributions to the consultation.
- Sets a **comprehensive strategic, clear and coherent framework for digital transformation** to ensure consistency and synergies among all policy initiatives, actions, measures and investments in the digital sphere at national and at Union level.
  - **Drives the twin transition** with a strategic approach to digital, including an annual cooperation mechanism to implement joint actions and investments to reach the digital targets, that complements the European Green Deal.
  - **Coordinates and fosters investment** beyond the 20% of RRF expenditure committed to digital in context of pandemic for a more sustainable, human-centred and prosperous future that no Member State could achieve on its own.



# A green & digital Europe

- The green and digital twin transition is a core political priority of the European Commission.
- Several actions will make concrete contributions to a greener Europe, such as the Destination Earth initiative, the Digital Product Passport, the EU Energy Saving Reference Framework, the Agricultural Data Space and the Energy Data Space.
- Many actions are also designed to support the implementation of legislative frameworks in digital technologies, such as the upcoming AI act and the Interoperable Europe Act, the Data Governance and Data Acts, as well as the Digital Services and Digital Markets Act.

# Main achievements of the Digital Europe Programme





# Digital Europe Programme Implementation

- ✓ **New Programme** – First time in this MFF.
- ✓ **More than 50 calls** for 146 topics opened.
- ✓ Call opening and evaluation goes smoothly and according to time plan.
- ✓ **Guidances:** Digital Europe Programme specificities in guidances on ethics self-assessment, security-sensitive projects, legal entity validation, classification of information in DEP projects.
- ✓ **New NCP Network**, managed by the European Commission with more than 130 National Contact Points from 34 countries.
- ✓ **Strategic Autonomy:** Articles 12.5/6 on participation restrictions: *Participation in DEP, HE and EDF restricted calls* – corporate guidance in the F&T Portal

## SO 1

### HPC & Quantum

3 EuroHPC supercomputers are now in the Top10 in the world & among greenest in the world

Procurement for JUPITER, Europe's first exascale supercomputer

### DestinE

Procurements of major components completed (core platform, data lake and first 2 Digital Twins), services and infrastructure to be available in June 2024

## EDIH

- 151 **EDIHs** in all EU countries as well as Iceland, Norway and Liechtenstein established
- DEP is funding 4 EDIHs in Greece, while the SoE was given to 3 more hubs.

EDIHs services are available in nearly 90% of the European regions serving public and private organisations, in particular SMEs

- Test before Invest
- Innovation Ecosystem
  - Digital skills
  - Access to finance

## SO 2

Four **TEFs** established (agrifood, healthcare, manufacturing and smart cities and communities) offering testing and validation services to AI innovators

First milestones for **data spaces** (health data space linking up 36 datasets with a total of 200 000 image series.)



## SO 3

**27 National Cybersecurity Coordination Centres** established providing access to research and technological expertise in cybersecurity at national/regional levels and ensuring cross-border cooperation

## SO 4

Over 2500 students and participants in the first digital **master's programmes** (for instance, in digital health and civil engineering), and **short-term training courses** (in AI, cybersecurity, IoT, blockchain, quantum and robotics)

## SO 5

**European Digital Media Observatory** established & 14 Hubs covering all Member States to strengthen the detection and analysis of disinformation campaigns

**Safer Internet Centres** established in most Member States providing safety information, educational resources, public awareness tools as well as counselling and reporting services

**Consumer Protection:** Authorities in 24 countries use eLab to screen e-commerce websites for consumer rights violations



# More information

- Programme Website

- [Digital Europe Programme | Shaping Europe's digital future \(europa.eu\)](https://digital-strategy.ec.europa.eu/en/activities/work-programmes-digital)

- Work Programmes

- <https://digital-strategy.ec.europa.eu/en/activities/work-programmes-digital>

- Events

- <https://digital-strategy.ec.europa.eu/en/related-content?type=7&page=1>

- Participants portal - Funding & tender opportunities

- <https://ec.europa.eu/info/funding-tenders/opportunities/portal>





# Thank you



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