European Commission

2030 DIGITAL DECADE

POLICY PROGRAMME:
A PATH TO THE DIGITAL DECADE

The 2030 Digital Decade

A mutually-reinforcing set of components

> **Digital Decade Communication**
> 2030 Vision & Targets, Approach to delivery, Digital Principles

Public consultation & discussions with Member States / Stakeholders

> **Policy Program: a Path to the Digital Decade**
> **&**
> **Digital Principles proposal**

Upcoming Declaration on Digital Principles

- ✓ **ensure the same rights that apply offline can be fully exercised online, including access to:**
  - ✓ **high quality connectivity**
  - ✓ **sufficient digital skills**
  - ✓ **public services**
  - ✓ **fair and non-discriminatory online services**

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The 2030 Digital Compass

Skills
ICT Specialists: 20 million + 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

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The 2030 Digital Decade Targets

DIGITAL SKILLS

Adults with basic digital skills

NOW	56%
TARGET	80%

Employed ICT specialists

NOW	8.4 million
TARGET	20 million

DIGITAL INFRASTRUCTURES

Gigabit network coverage

NOW	59%
TARGET	100% of households

5G coverage

NOW	14%
TARGET	100% of populated areas

The EU production of semiconductors, including processors, makes up

NOW	10%
TARGET	≥ 20% of world production in value

There are **10,000 edge nodes** in the EU for **better, secure and sustainable data processing.**

By 2025, the first EU computer with **quantum acceleration** is paving the way for cutting-edge quantum capabilities.

DIGITAL TRANSFORMATION OF BUSINESSES

BUSINESSES USING

	Cloud computing services	Big data	Artificial Intelligence
NOW	26%	14%	25%
TARGET	75%	75%	75%

SMEs with at least a basic level of digital intensity

NOW	60%
TARGET	>90%

There are

NOW	112
TARGET	**Double** the number of unicorn startups in Europe

DIGITALISATION OF PUBLIC SERVICES

Online access to key public services (related to career, studying, family, regular business operations, moving)

NOW	75/100 citizens	84/100 businesses
TARGET	**All** citizens and business	

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Policy Programme: a Path to the Digital Decade
Multi-Country Projects

- ✓ **Multi-country projects** are large scale projects for:
    - ✓ the achievement of the targets for the digital transformation of the Union;
    - ✓ and industrial recovery.
- ✓ They will **pool EU, national, and private resources** to achieve progress that no Member State could do on its own.

Multi-country projects will facilitate investments in areas like:

High-performance computing

Common data infrastructure and services

Blockchain

Low-power processors

Pan-European deployment of 5G corridors

High-tech partnerships for digital skills

Secure quantum infrastructure and network of cybersecurity centres

Digital public administration
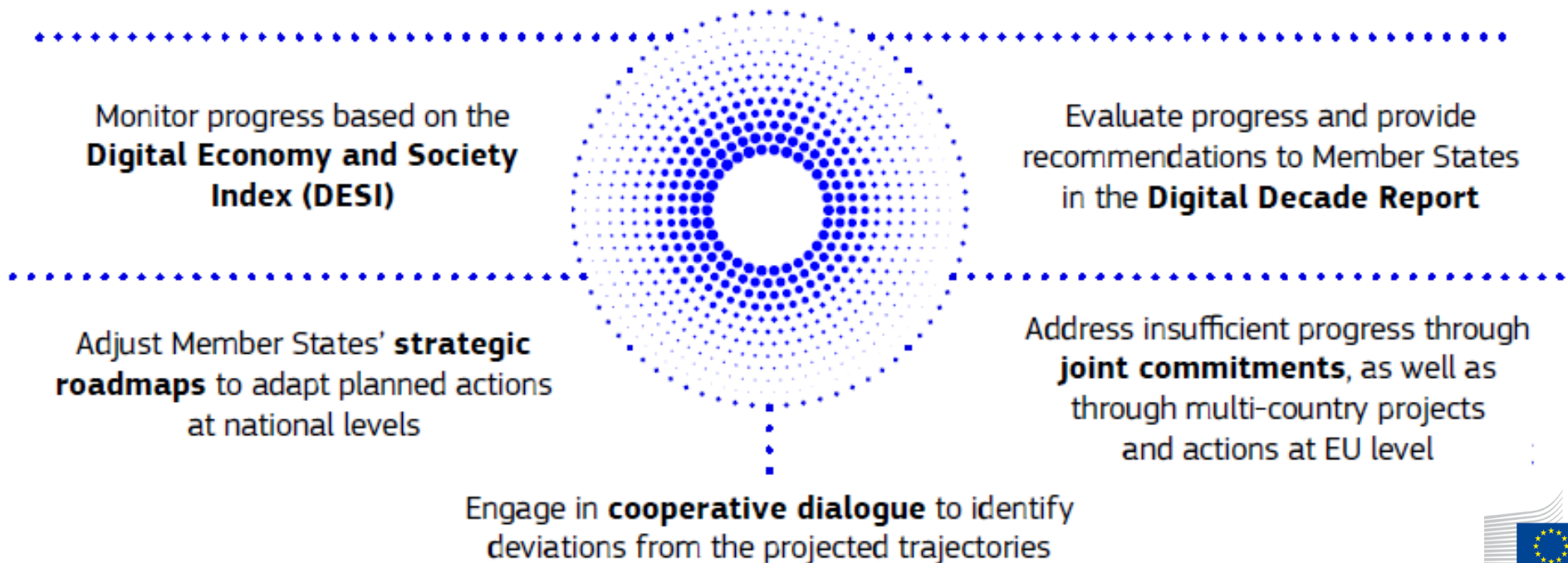
Digital innovation hubs

The yearly cooperation cycle:

To monitor and evaluate progress leading to 2030

the Commission will develop **EU-level trajectories** for each target together with the Member States

the Member States will then draft **national trajectories** and **strategic roadmaps** to attain the targets

ANNUAL COOPERATION CYCLE:

Monitor progress based on the **Digital Economy and Society Index (DESI)**

Evaluate progress and provide recommendations to Member States in the **Digital Decade Report**

Adjust Member States' **strategic roadmaps** to adapt planned actions at national levels

Address insufficient progress through **joint commitments**, as well as through multi-country projects and actions at EU level

Engage in **cooperative dialogue** to identify deviations from the projected trajectories

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Policy Programme: a Path to the Digital Decade

Next steps:

✓ By December 2021 – Commission Communication on establishing a **Declaration on Digital Principles**

✓ Following the entry into force of the Digital Decade Policy Programme:

    ✓ Commission & Member States develop **projected trajectories** to annually track progress at EU level

    ✓ Within 6 months - Member States propose **strategic national roadmaps** to pursue the digital targets at national level

    ✓ Within 1 year – Commission publishes the **Report on the state of the Digital Decade**

    ✓ By 2026 – Commission **reviews the digital targets**

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