



2030
DIGITAL
DECADE

*Overview of the Digital
Decade Policy Programme
(DDPP) 2030*

The Digital Decade Policy Programme 2030

The way forward

The need to shape a successful digital transformation

2020 State of Union Speech – President Von der Leyen

- *“We must make this Europe's Digital Decade. We need a common plan for digital Europe with clearly defined goals for 2030, such as for connectivity, skills and digital public services. And we need to follow clear principles: the right to privacy and connectivity, freedom of speech, free flow of data and cybersecurity.”*

2021 Digital Assembly

President von der Leyen's speech

- *“We believe in a human-centred digital transition.”*
- *“Digital technologies play a key role to accelerate access to knowledge and education, for equality and participation and for economic and job creation.”*
- *For our Digital Decade to be successful, we need to build more, strong, international, digital partnerships”*

High stakes for the Digital Decade

✓ EU dependencies

- ✓ **Only a 10% share** of the global microchips market
- ✓ **Less than 4%** of top online platforms are European, with new developments such as virtual worlds also originating from outside of the EU
- ✓ **90% of the EU's data** is managed by US companies

✓ EU's untapped potential

- ✓ Reaching a high level of digital skills, for **digital empowerment of citizens** and to fulfil the need for ICT specialists for key areas such as **cyber security and data analysis**
- ✓ **Cost of non-Europe in digital transformation is 1,3 trillion by 2033** (European Parliamentary Research Service)

A clear policy response

The Digital Decade Policy Programme (DDPP)

- ✓ **The first ever digital strategy commonly agreed by EU institutions** with a multilevel governance – a significant breakthrough after the Digital Agenda and Digital Single market
- ✓ **Confirms and operationalises the vision of a Digital Compass communication** for Europe's digital transformation by 2030
- ✓ Puts digital governance **on a par with the Energy union**

Achieving the Digital Decade

Declaration on Digital Rights & Principles

Solidarity and inclusion, freedom of choice, safety, privacy, etc.

2030 Digital Targets

Skills, Infrastructure, Businesses, Public services

General Objectives

Sovereignty, resilience, sustainability, etc.

Digital Decade Policy Programme 2030

Annual monitoring & reporting on the State of the Digital Decade
National Digital Decade strategic roadmaps
Joint Commitments and Multi-Country Projects

Digital Compass Communication

2030 vision for a human-centred, sustainable and inclusive digital transformation

Destination

Cooperation

Vision

Objectives:

The “EU approach for digital transformation”

Digital Citizenship: People and Society

Human centred respecting rights, values and freedom of choice, accessible health

Trusted and secure environment for all

Accessibility for everyone including disadvantaged people

Advanced digital skills and competencies

Inclusive and participative addressing all divides and providing for opportunities for all

Online participation in democratic life for all, fair and non-discriminatory conditions

Public services accessible online for everyone and everywhere

Leadership, sovereignty and the economy

Sovereignty in an open manner, accessible and efficient data infrastructures

Competitiveness and sustainability of EU's industry, fostering start-ups ecosystems Regulatory environment favourable to undertakings. SMEs

Collective resilience including of the value chain

High security standards, resilience to cyberattacks

High performant and interoperable digital capacities, capabilities and infrastructures

Synergies between private and public investments

Predictable regulatory and supportive approaches for digital transformation

Green transition

Sustainable ecosystem of digital infrastructures, notably energy and resource efficient, Minimising their negative environmental impact, sustainable circular and climate neutral

EU's targets for digital transformation

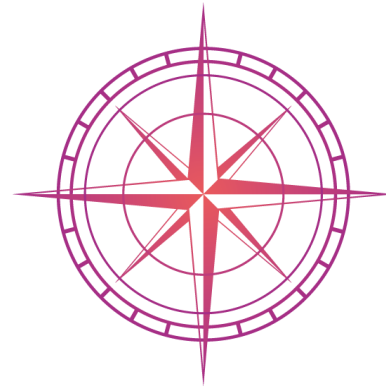
- ✓ The DDPP builds on already existing policies/budget programmes/strategies (including RRF) and targets as set up in the Communication along **4 cardinal points**:

Skills

ICT Specialists: 20 millions + gender balance
80% of adults can **use tech** for everyday tasks

Government

Key Public Services - 100% online
Everyone can **access health records online**
Everyone can use **eID**



Infrastructures

Gigabit connectivity for everyone, **high-speed mobile coverage** (at least 5G) everywhere
EU produces 20% of world's **semiconductors**
10 000 **cloud edge nodes** = fast data access
EU **quantum computing** by 2025

Business

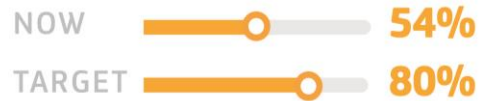
75% of EU companies using **Cloud, AI or Big Data**
Double the number of **unicorn startups**
90% of **SMEs taking up tech**

Assessing the gap to achieve targets by 2030

- ✓ Starting now and leading up to 2030, EU Member States, in collaboration with the European Parliament, the Council of the EU and the Commission, will shape their digital policies to achieve targets in 4 areas

DIGITAL SKILLS

Adults with basic digital skills



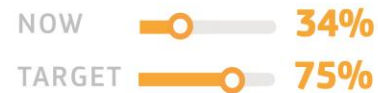
Employed ICT specialists & gender balance



DIGITAL TRANSFORMATION OF BUSINESSES

BUSINESSES USING ONE OR MORE

Cloud computing services



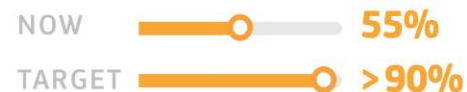
Big data



Artificial Intelligence



SMEs with at least a basic level of digital intensity



There are



DIGITAL INFRASTRUCTURES

Gigabit network coverage



High-speed mobile coverage (at least 5G)



The EU production of semiconductors, including processors, makes up



DIGITALISATION OF PUBLIC SERVICES

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



Declaration on the Digital rights and principles

Next steps include:

- Parliament, Council and Commission have adopted an interinstitutional solemn Declaration for a human-centred digital transformation.
- The Declaration should contribute to achieving the general objectives laid down in the DDPP 2030.
- Member States and the Commission must take the Declaration into account when cooperating to achieve these general objectives.
- Monitoring: The Commission will regularly report on progress in the context of the State of the Digital Decade Report
- Global outreach: EU to promote the Declaration at international level

Declaration on the Digital rights and principles

- 1. Putting people at the centre of the digital transformation:** technology should serve and benefit all people living in the EU and empower them to pursue their aspirations, in full security and respect of their fundamental rights
- 2. Solidarity and inclusion:** solidarity and inclusion through Connectivity; Digital education and skills; Working conditions; Digital public services online
- 3. Freedom of choice:** freedom of choice in interactions with artificial intelligence systems and in a fair digital environment
- 4. Participation in the digital public space:** access to a trustworthy, diverse and multilingual digital environment; freedom of expression in the digital environment; transparency about media owners; very large online platforms should mitigate the risks from e.g., disinformation
- 5. Safety, security and empowerment:** a safe and secure online environment, with particular attention to children and young people; ensuring privacy and individual control over data
- 6. Sustainability:** digital products and services should be designed, produced, used, disposed of and recycled in a way that minimises their negative environmental and social impact; access to accurate, easy-to-understand information on their environmental impact and energy consumption

Implementation: 3 key building blocks

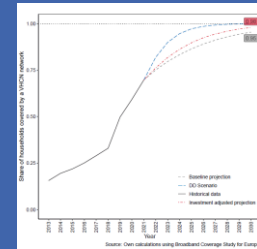
1. Annual State of the Digital Decade



EU's progress on 2030 objectives & targets, recommended actions

2) National roadmaps

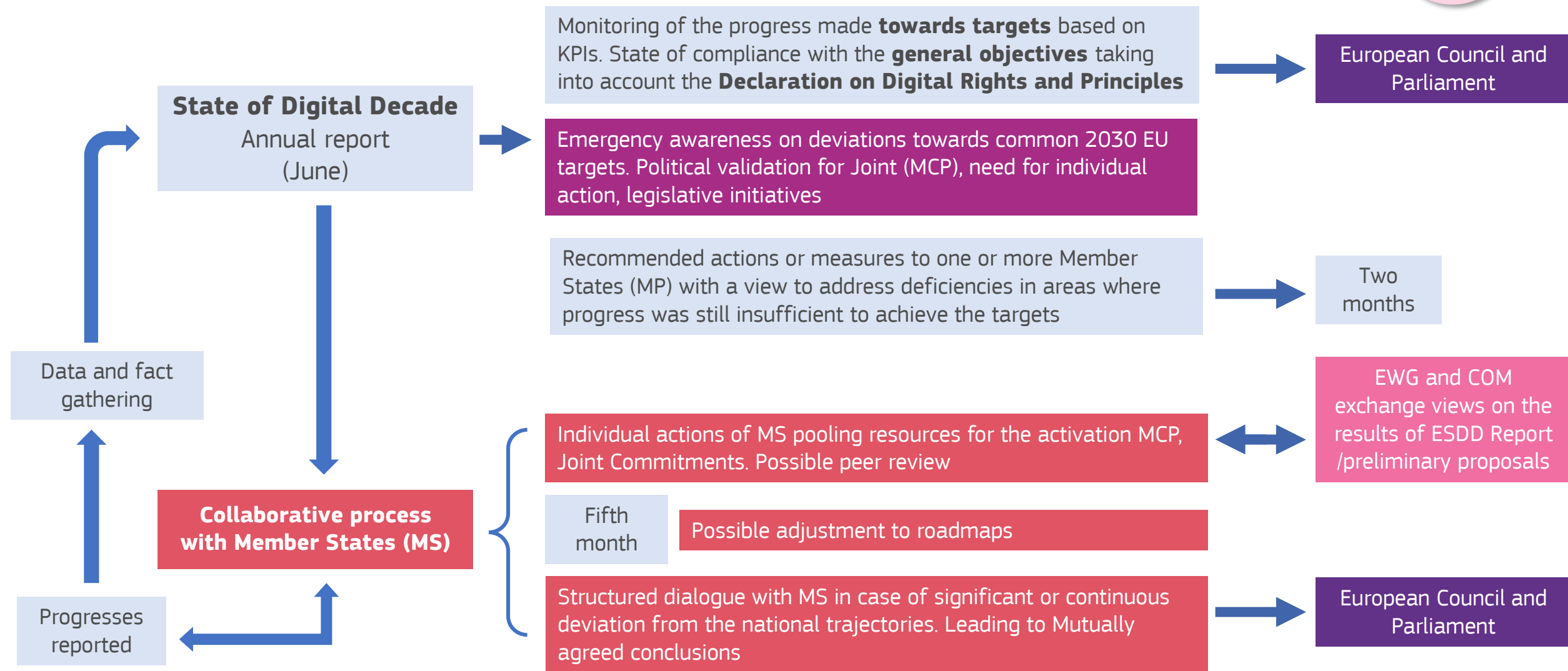
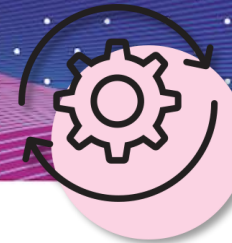
MS commitments, national trajectories, Investments



3) Digital Decade board



Governance in action: Full cycle



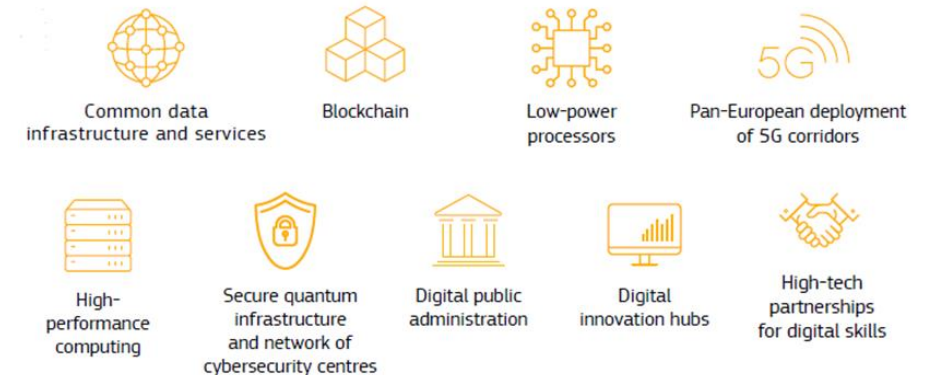
Multi-Country Projects (MCPs)

MCPs: Large scale projects for the EU digital transformation, supporting the achievement of the Digital Decade objectives and targets.

MCPs: Addressing strategic vulnerabilities and dependencies along the supply chain.

MCPs: Pool EU, national, and private resources to achieve progress and scale that no MS could do on its own.

Multi-country projects will facilitate investments in areas like:



European Digital Infrastructure Consortia (EDICs)

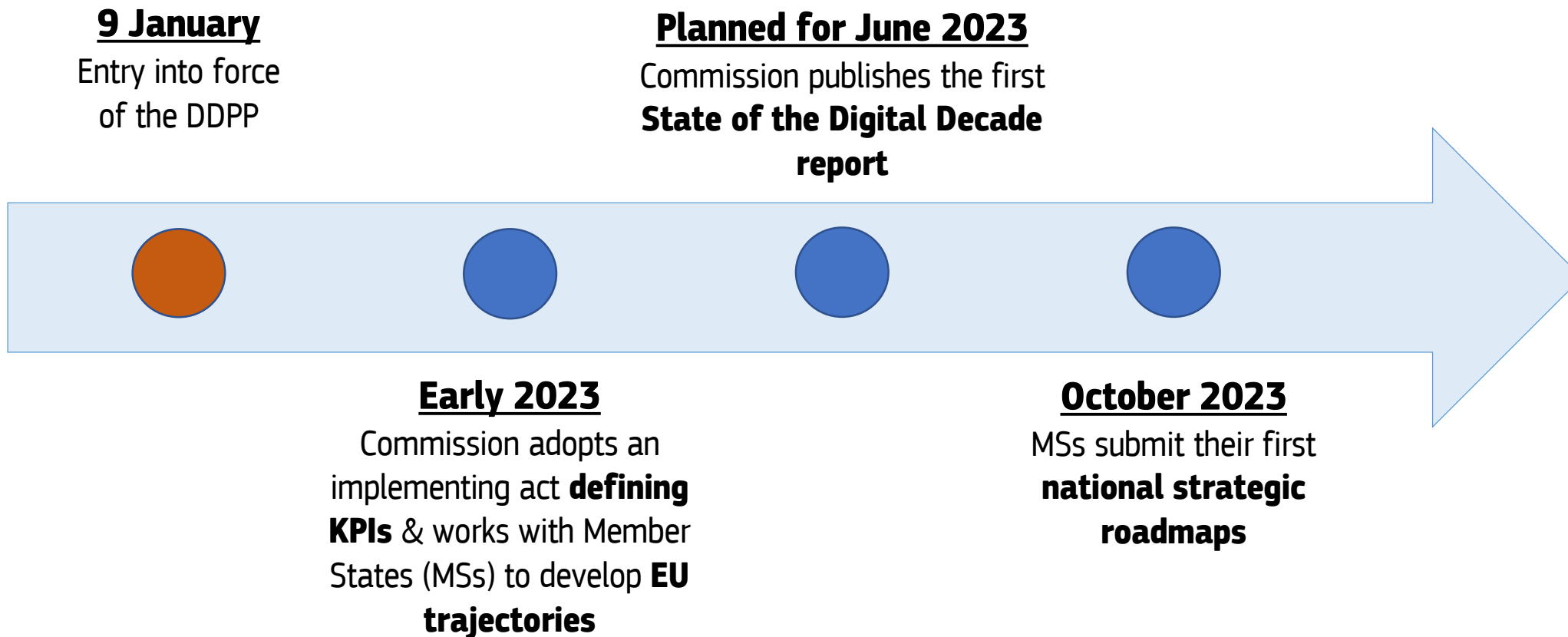
New instrument to implement (some of the) MCPs:

- ✓ Quick set up & flexible implementation, addressing needs of deployment projects;
- ✓ Several MS participate from the beginning, open for other MS during the EDIC lifecycle;
- ✓ Enabling infrastructure deployment & operation combined with long-term sustainability.

Initial call for expression of interest in EDICs:

- ✓ Launched on 9/12/2022 via the Digital Decade Board
- ✓ Aimed to gather initial information from MS and facilitate coordination;
- ✓ Not a formal application to set up an EDIC, not a commitment on the side of the MS;
- ✓ MS to indicate project candidates to be implemented by an EDIC
- ✓ MS to respond via their representatives in the Digital Decade Board by 07/02/2023

Next Steps (indicative timeline)



Conclusion – The way forward

- ✓ This is neither a technocratic process nor a Brussels' Digital Decade: this **is OUR collective digital decade** which needs to deliver concrete outcomes.
- ✓ If you are a **citizen**, a representative of a **Member State, region, city** or **municipality**, a **start-up**, a **digital investor**, a **digital business**, an **NGO**, a **digital infrastructure** or a **business-model developer**, take part in future discussions on the report on the State of the Digital Decade and National Roadmaps in your Member States.
- ✓ Share your views and stay engaged in the discussion on projects to be implemented by European Digital Infrastructure Consortia.

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