

A SOVEREIGN AND COMPETITIVE EUROPE

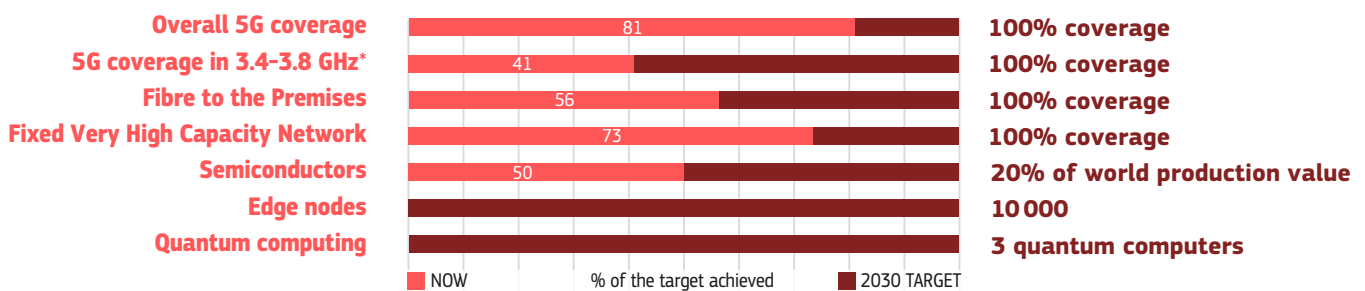
27 September 2023 | #DigitalEU

Digital infrastructures, in particular connectivity, and the digitalisation of businesses are the backbone towards a sovereign, competitive, and resilient European Union.

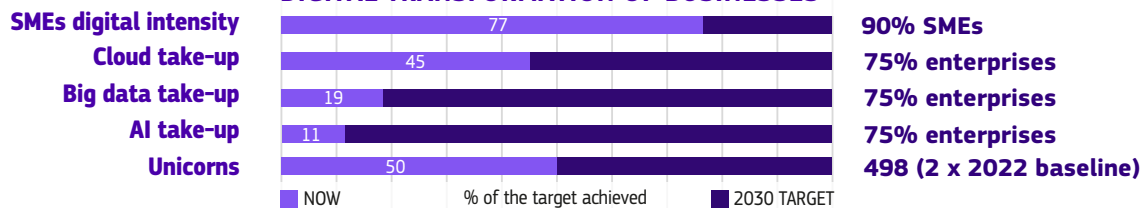
HOW ARE WE DOING?

We need to accelerate and deepen our collective efforts to bring forward our digital transition. Three elements are needed: cooperation between Member States, the adoption of policy measures such as the Gigabit Infrastructure Act, and investments.

DIGITAL INFRASTRUCTURE



DIGITAL TRANSFORMATION OF BUSINESSES



* Not a KPI but gives an important indication on high quality 5G coverage

WHAT ARE WE DOING?



Providing funding of more than €112 billion from the Recovery and Resilience Facility, the EU Regional Development Fund, Connecting Europe Facility, DIGITAL Europe



Setting a policy framework to address long-term challenges and reduce take-up costs



Attracting investments, through the EU Chips Act, large-scale projects, and European Digital Innovation Hubs

WHAT SHOULD WE DO MORE?



Effectively increase investment in digital R&I across sectors (reaching 3% GDP) and invest in critical infrastructures and technologies



Address the €200 billion gap for gigabit connectivity



Nurture the European ecosystem of digital startups, across the board and in particular in the quantum field



Support Europe's capacity in building advanced semiconductors and edge nodes



Adopt policy measures and earmark resources to support the adoption of trustworthy and sovereign AI-enabled technologies by European companies



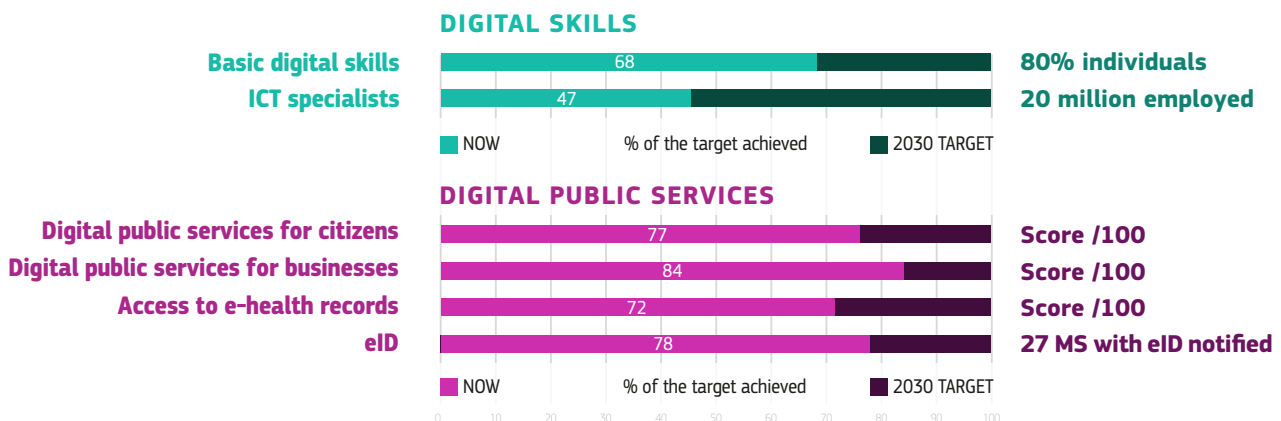
Participation in international cooperation according to Europe's strategic interests

A HUMAN-CENTRED DIGITAL TRANSITION BASED ON EU VALUES

Ensuring that citizens are empowered and protected online and have adequate digital skills to fully benefit from the digital transformation, such as from digital public services, is at the base of the European Union's vision for an online world that is sustainable, safe, and inclusive for all.

HOW ARE WE DOING?

Digital skills need to be put at the centre of the EU and Member States' actions through ambitious reforms to educate, attract and retain talents. To ensure that digital public services are accessible to all, we need to do more to provide everyone with the tools to benefit from the digital future we envision.



WHAT ARE WE DOING?



Providing funding adding up to more than €267,8 billion from the Recovery and Resilience Facility, DIGITAL Europe, Erasmus+ and the European Social Fund Plus



Setting a common framework for the interoperability and cross-border availability of public services and eID



Promoting training, upskilling, and reskilling schemes to cultivate digital skills



Share and replicate good practices in Member States

WHAT SHOULD WE DO MORE?



Invest in learning initiatives to tackle the mismatch between digital skills training offering and the market needs



Take action to attract and retain ICT specialists



Step up investment and regulatory measures to develop secure, sovereign and interoperable digital solutions for online public services



Set up and implement the EU Digital Identity Wallet through pilot projects



Build on the European Green Deal and Temporary Crisis and Transition Framework to foster the transition towards a net-zero economy for digital solutions



Enhance cooperation and joint investments in the areas relevant for the twin transitions, such as mobility and logistics data, or local digital twins

EU VALUES

We promote regulations that create a human-centred, inclusive, and open digital environment, as set out in the Declaration on Digital Rights and Principles.



Digital Services Act



Artificial Intelligence Act



Code of Practice on Disinformation



Communication on Virtual Worlds



EU Media Freedom Act



Better Internet For Kids

SUSTAINABILITY

Sustainability of digital infrastructure and technologies, including their supply chains, is at the centre of the Digital Decade.



Sustainable Infrastructure



Reuse of Products



More Info on the Environmental Impact of Products



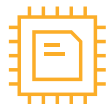
Research for a Science-Based Assessment of Net Impact of Digitalisation

MULTI-COUNTRY PROJECTS

Cooperation through large-scale projects among different Member States is the key to achieve our digital targets in areas like:



Common Data Infrastructure and Services



Low-Power Processors



Pan-European deployment of 5G corridors



High-Performance Computing



Secure Quantum Infrastructure and Network of Cybersecurity Centres



Digital Public Administration



Blockchain



Digital Innovation Hubs



High-Tech Partnerships for Digital Skills



Skills and Training in Cybersecurity

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