



34TH BLED ECONFERENCE  
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# 2030 DIGITAL COMPASS

THE EUROPEAN WAY  
FOR THE DIGITAL DECADE

Zoran Stančič, Special Adviser  
DG CNECT, European Commission

# The context: Digital transformation after COVID

- During the pandemic: **Digital technologies allowed continuity of business and of our lives**

**But it revealed new digital divides and exposed EU dependencies**

- **Critical success factor for climate neutral, circular & resilient economy**
- **Decisive enabler of rights, freedom & new sources of prosperity**

**Our responsibility: empower people and businesses to seize a human centred, sustainable and prosperous digital future in a global context**

# The context (II): political landscape

- Shaping the digital future of Europe
- State of the Union address
- European Council: Compass
- Call to build sovereignty based on our strength and addressing our strategic weaknesses
- National Digital rights Charters
- 20% RRF

# A mutually-reinforcing set of components

## Digital Decade Communication

2030 Vision & Targets, Approach to delivery, Digital Principles

## Public consultation & discussions with Member States / Stakeholders

Kick-starting the digital decade process with existing tools (DESI, CSR, RRP...)

## Policy Program and Digital Principles proposal

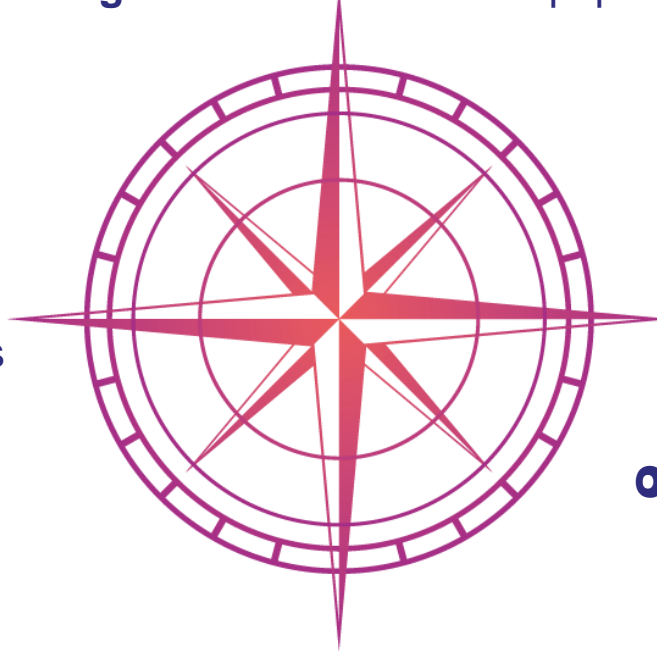
## Digital Decade Operations

Compass: Monitoring, Governance and Delivery Tools  
Interinstitutional declaration on European Digital Principles

## Skills

**ICT Specialists:** 20 million + Gender convergence

**Basic Digital Skills:** min 80% of population



## Infrastructures

**Connectivity:** Gigabit for everyone, 5G in all populated areas

**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

## Government

**Key Public Services:** 100% online

**e-Health:** 100% availability medical records

**Digital Identity:** 80% citizens using digital ID

## 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

# Digital citizenship

Freedom of expression, including access to diverse, trustworthy and transparent information

Freedom to set up and conduct a business online

Protection of personal data and privacy, and right to be forgotten

Protection of the intellectual creation of individuals in the online space

Universal Access to internet services

A secure and trusted online environment

Universal digital education and skills for people to take an active part in society and in democratic processes

Access to digital systems and devices that respect the environment

Accessible and human-centric digital public services and administration

Ethical principles for human centric algorithms

Protecting and empowering children in the online space

Access to digital health services

# Delivering the outcomes: Robust Governance

- **Annual reporting to the Council and European Parliament**
  - Progress on common goals (including: targets, principles)
  - A **Traffic light system** signals the need for intervention in case of deviation
- **Maintaining progress & course correction:** Collaborative Commission + Member States analysis to identify solutions and propose targeted actions where necessary (e.g. regulatory implementation, pooling resources for common projects, investment support...)
- **Consensus-based:** governance will be laid down in a legislative proposal for a policy programme, to be adopted by co-legislators

# Achieving the necessary scale: Multi-Country Projects

- Digital EU capacity for Resilience: requires **critical mass of funding by pooling of resources**
  - Success: only together, **EU / Member States / Private sector**
  - Momentum: **RRF** paved way for **Multi-Country initiatives**
  - EU toolbox: Only R&D has the necessary **structural ability to team up & scale up**
- **Assessment of options for specific Multi-Country Projects instrument**



# International partnerships for the digital decade

- Reflecting our values and promoting our interests, including a commitment to multilateralism
- Open, rules based trade on a level playing field
- A toolbox supporting our four cardinal points to build strong international partnerships
  - regulatory cooperation
  - research & innovation
  - investments in connectivity, etc., including via the Team Europe approach
- The EU-time zones with Africa and the Neighbourhood and key global partners
- Building on our renewed transatlantic relationship towards coalition with like-minded partners

# 2030 Ambition – Where are we now ?

		EU Baseline	2030 Target
<b>Skills</b>	ICT specialists (nbr employed)	7.844.100	20.000.000
	<i>Gender distribution</i>	18% of women	convergence
	Basic digital skills	56%	80%
<b>Infrastructures</b>	Gigabit coverage	59%	100%
	5G in all populated areas	14%	100%
	Semiconductors (EU share of global production)	10%	20%
	Edge/Cloud (nbr of nodes)	0	10.000
	Quantum Computer	0	1
<b>Business</b>	Cloud Uptake	26%	75%
	Big Data Uptake	14%	75%
	AI Uptake	25%	75%
	SMEs with at least basic level of digital intensity	61%	90%
	EU Unicorns (nbr)	122	250
<b>Government</b>	Key Public Services Online (service completion score)	75	100
	Medical records availability	N.A.	100%
	Digital Identity Adoption	N.A.	80%

Titles adapted for readability purposes – full version with details and sources available in [COM\(2021\) 118](#)



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## THANK YOU FOR YOUR ATTENTION

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More info on:

@DigitalEU

<https://digital-strategy.ec.europa.eu>