# *Europe's digital recovery*

*How can Europe build on the EU Digital strategy and digital leap' made during the crisis*

**19 November 2020**

DIGITALEUROPE

## Konferenca GoDigital 2020

# Digitalni svet 2020

***Digital world 2020 – lessons learned***

**19. 11. 2020,** *Livestream*

Cecilia Bonefeld-Dahl
Director General, DIGITALEUROPE

Europe's digital recovery
*How can Europe build on the EU digital strategy and digital leap' made during the crisis*

Gospodarska zbornica Slovenije

zit *Združenje za informatiko in telekomunikacije*

IKT horizontalna mreža

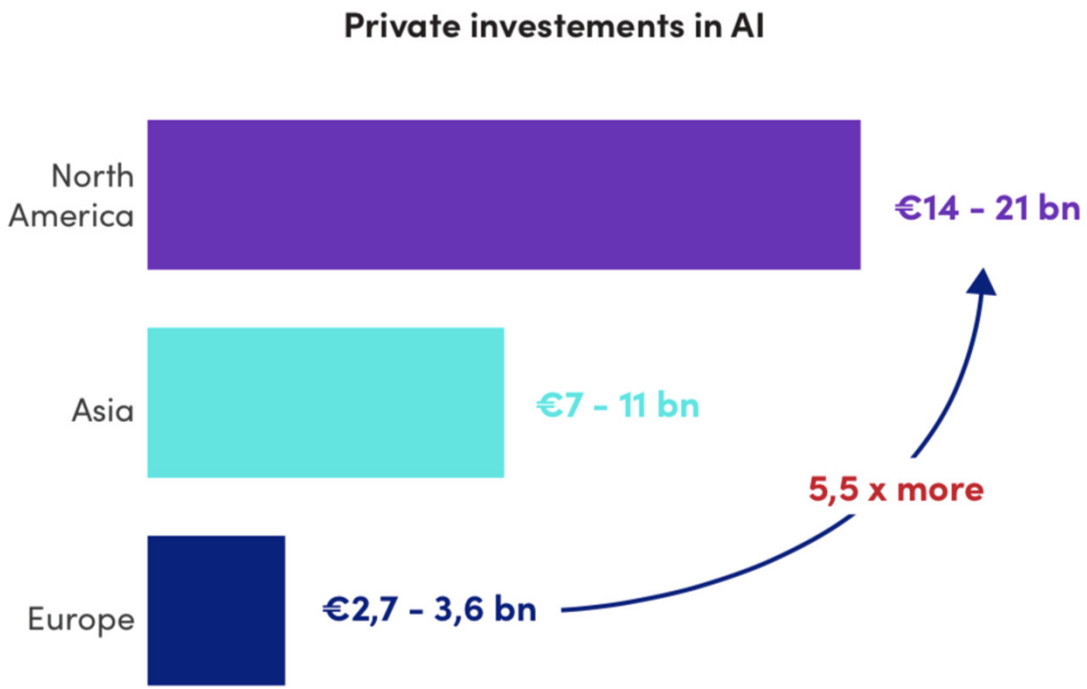
DIGITAL INNOVATION HUB SLOVENIA

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA GOSPODARSKI RAZVOJ IN TEHNOLOGIJO

EVROPSKA UNIJA
EVROPSKI SKLAD ZA REGIONALNI RAZVOJ

Go DIGITAL

## The Big Picture




**USA's got the money**

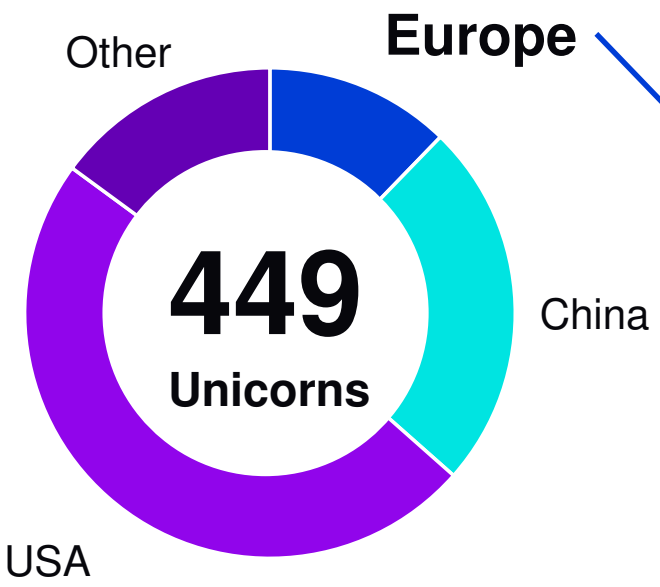
**China has the data**

**Europe has the… regulation?**

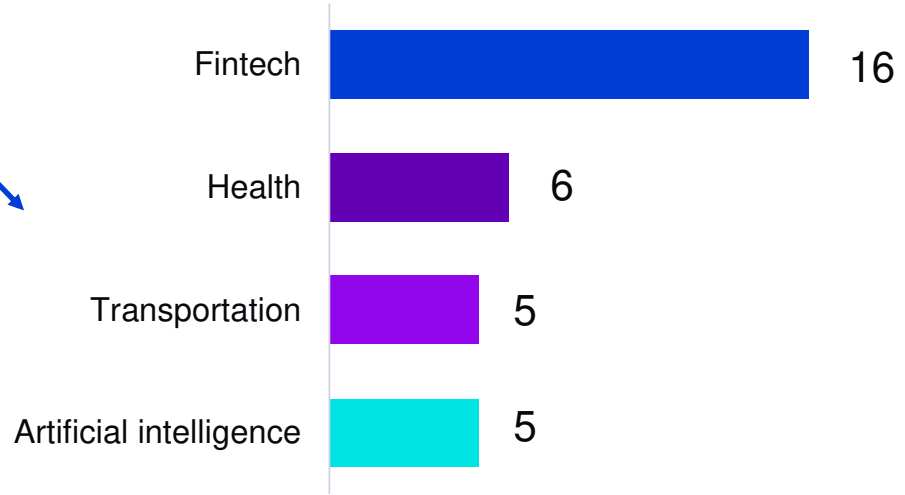
## Where are we at?

### European companies fail to grow

Only 12% of Unicorns (billion $ startups) are European - 5% without the UK




▶▶ By 2025, Europe should have **100 Unicorns** and at least **15 of them should be in Artificial Intelligence**




CB Insight, 30/01/2020

## So how do we catch up?

# €750 bn

**to be spent between 2021-23**

- Twin focus on **digital & green** recovery
- ¾ of it will be spent by national government
- National Governments are submitting their spending plans **right now**
- **Slovenia** has committed to **20%** on digital of the **€10.5 bn** it will receive.

| | EU leaders agreement (July 2020) |
|---|---|
| **Total EU budget 2021-2021** | **1,074** |
| Horizon Europe *(incl. NextGenEU)* | 80.9 |
| Digital Europe | 6.76 |
| CEF (digital) | 1.83 |
| Health programme *(incl. NextGenEU)* | 1.67 |

**Europe's budget, including HorizonEurope and DigitalEurope funding for AI and ICT sector**

# How to spend it: A digital investment plan for Europe

## OUR RECOMMENDATIONS

Digitising SMEs and scale-ups

# Unlocking open public data to empower scale-ups

**12%** **of European SMEs are using big data analytics** (11% of ALL companies in Slovenia)

**Only 11.6% of the world's unicorns are European** (and nearly half of them are based in the UK)

**By 2025**

**It should be 50%.**

**Europe should be home to 25% of the world's unicorns**

European Commission (2020)

Digital education, skills and inclusion

# Digital skills: where we are

**42%** **of European adults lack basic digital skills** (45% in Slovenia)

**52%** **of European workers need reskilling**

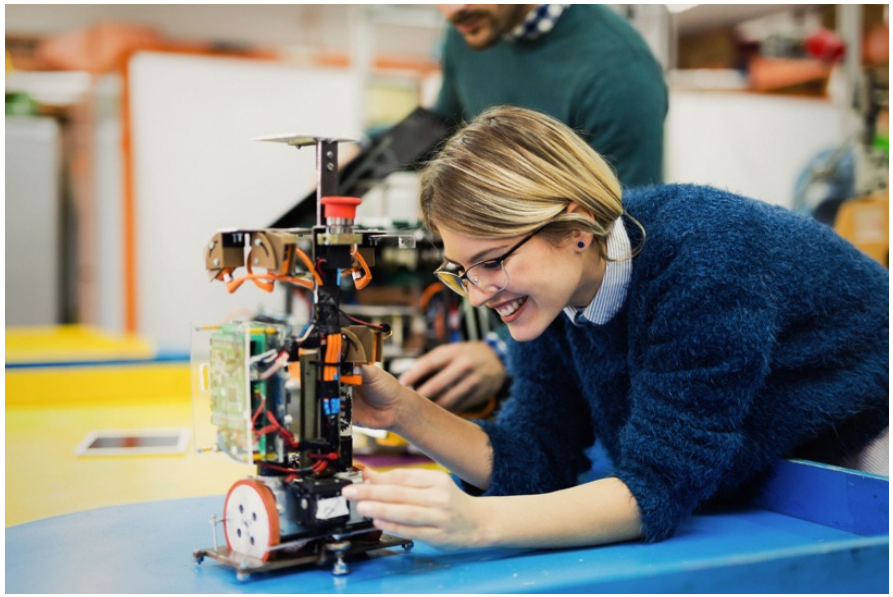
## By 2025

**90%** **of people should be regular internet users** Today 68% of people with low education use the internet less than once a week.

**70%** **companies should provide ICT training to employees** Today, its only 24%.

European Commission (2020) Individuals' level of digital skills

# How to get there: digital skills



## Bring schools to the digital age

- **Retrain school teachers** – only 40% feel ready to use digital technologies
- **Invest in digital education tools & connectivity** – COVID exposed huge gaps
- **Modernise school curricula** – basic programming should be taught to all

## Use AI to predict jobs of the future

- **Good policymaking requires solid evidence**
- **AI-powered forecasting** can look at potential job disruption & future job markets
- **Belgian project underway** – should be scaled at EU level

# EU Agenda

**EU Digital team**
Vestager
Breton
Reynders
Jourova

**Data Governance Act**
Framework for data spaces

**Data Act**
Rights of data providers and users (B2B & B2G)

Q4 2020 | Q1 2021 | Q2 2021 | Q3 2021 | Q4 2021

Ethics Guidelines, Assessment List & Sector Recommendations

**AI regulation**
Liability, product safety, ethics

**Structure of data spaces**
> Health for end 2021
> Others expected in 2022

**Slovenia's Presidency of the Council of the EU (Q3/Q4 2021)**

## The EU data spaces

**Green Deal**
***Environment***

**Health**

**Mobility**
***Transport***

**Finance**

**Energy**

**Industry**
***Manufacturing***

**Agriculture**

**Public sector**

**Skills**

**Science**

From 2022

Focus on AI principles

# Ethics Guidelines – 7 Principles

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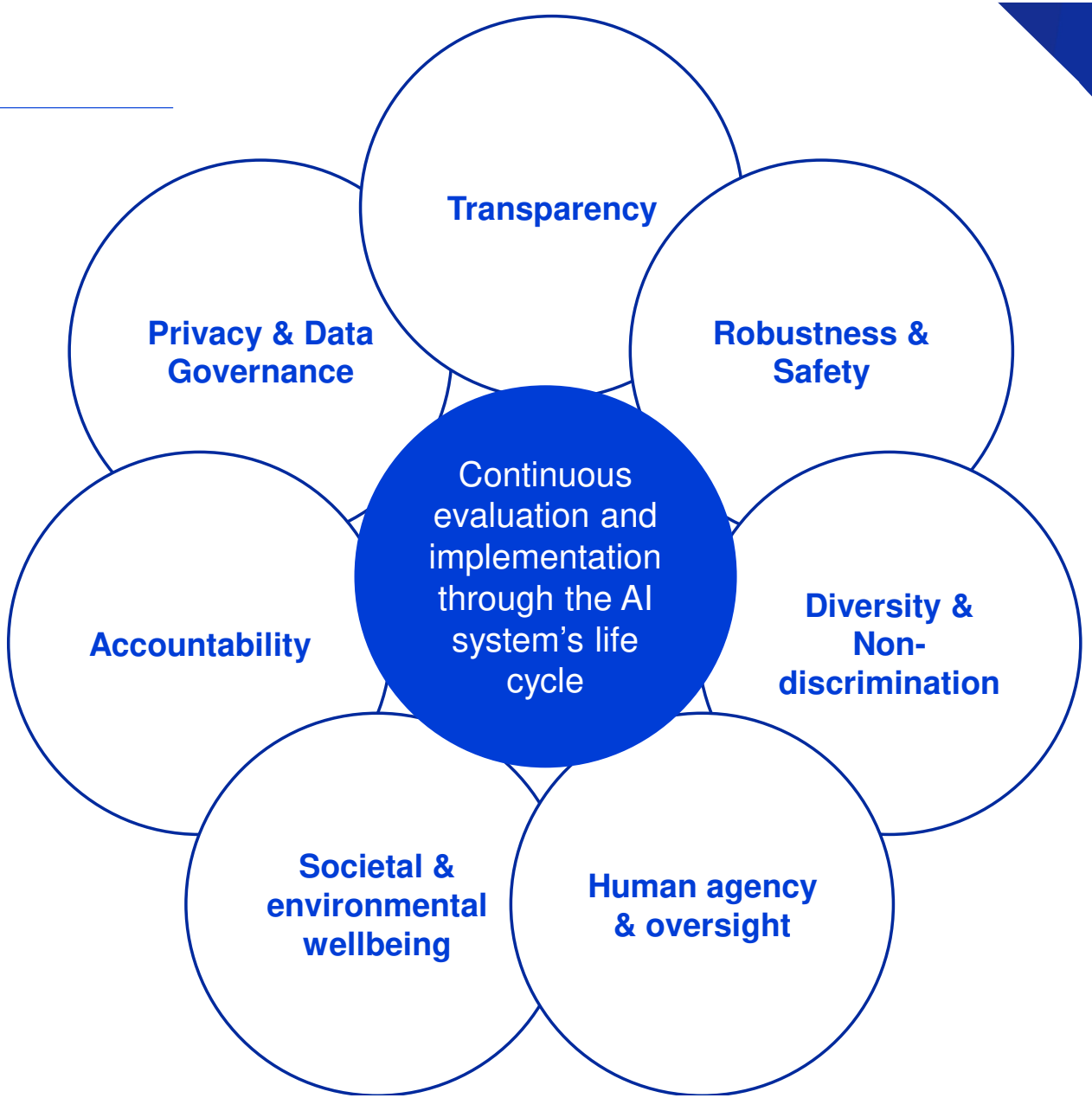
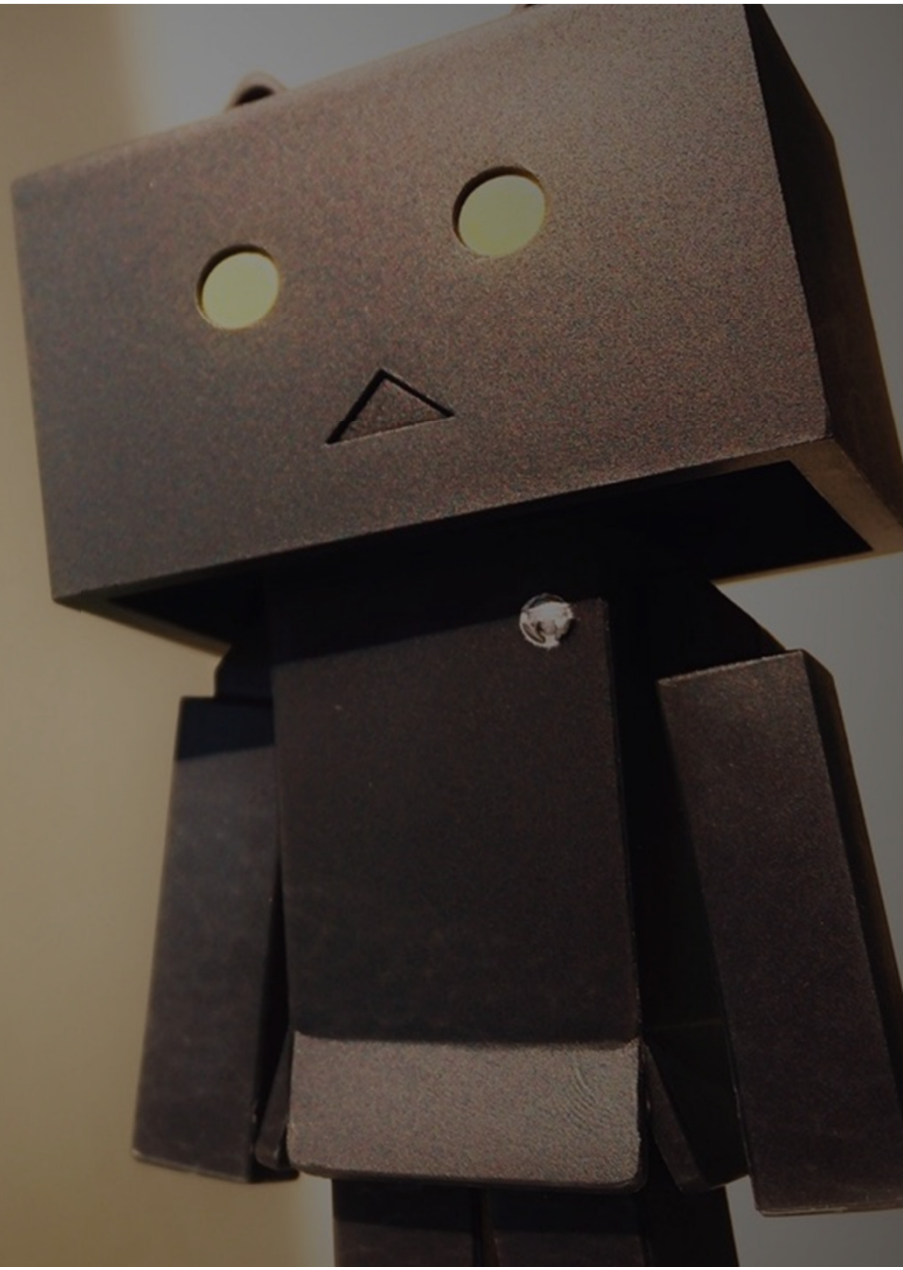
**Assessment List: series of questions to operationalise these principles**



# Vision for a
# DIGITAL EUROPE

The European way

# Thank you for your attention



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