

Multilingualism in the next MFF



LRB - Paris 20 September 2018





# A BUDGET ALIGNED TO POLITICAL PRIORITIES Simplification, transparency and flexibility

In billion euro, current prices



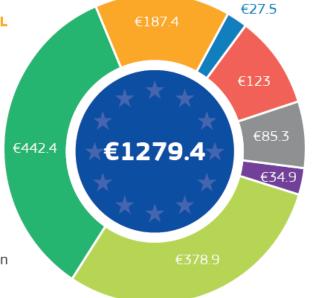
I. SINGLE MARKET, INNOVATION AND DIGITAL €187 4

- 1 Research and Innovation
- 2 European Strategic Investments
- 3 Single Market
- 4 Space



II. COHESION AND VALUES €442 4

- **5** Regional Development and Cohesion
- 6 Economic and Monetary Union
- 7 Investing in People, Social Cohesion and Values





V. SECURITY
AND DEFENCE
€27.5

- 12 Security
- 13 Defence
- 14 Crisis Response



VI. NEIGHBOURHOOD AND THE WORLD €123

- 15 External Action
- 16 Pre-Accession Assistance



III. NATURAL RESOURCES
AND ENVIRONMENT
€378.9

- 8 Agriculture and Maritime Policy
- 9 Environment and Climate Action



IV. MIGRATION AND
BORDER MANAGEMENT
€34 9

10 Migration

- 11 Border Management



VII. EUROPEAN PUBLIC ADMINISTRATION €85 3

17 European Public Administration



#### DIGITAL IN THE NEXT MFF: OVERVIEW

#### Digital Europe: Capacities & roll out

- 1. High Performance Computing (HPC)
- 2. Artificial Intelligence (AI)
- 3. Cybersecurity
- 4. Advanced digital skills
- 5. Digital transformation and interoperability

€9.2 billion

# Connecting Europe Facility - Digital Connectivity

- 5G roll out
- BB 4EU, Connecting communities
- Synergies with Transport /Energy

€3 billion

## Digital in Horizon Europe R&D&I

- Digital under "global challenges"
  - Digital and industry cluster
  - Digital in other clusters health, mobility, energy, environment,...
- 2. Open Innovation
- 3. Research Infra under Open Science

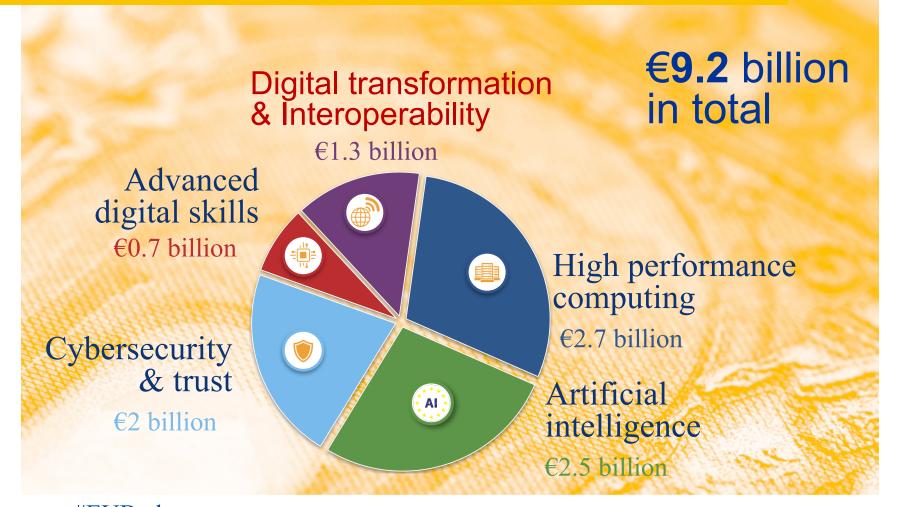
## Creative Europe MEDIA

- Distribution of works
- Creation

€1.1 billion

### Digital Europe programme

Reinforcing digital capacities. Ensuring their best use.

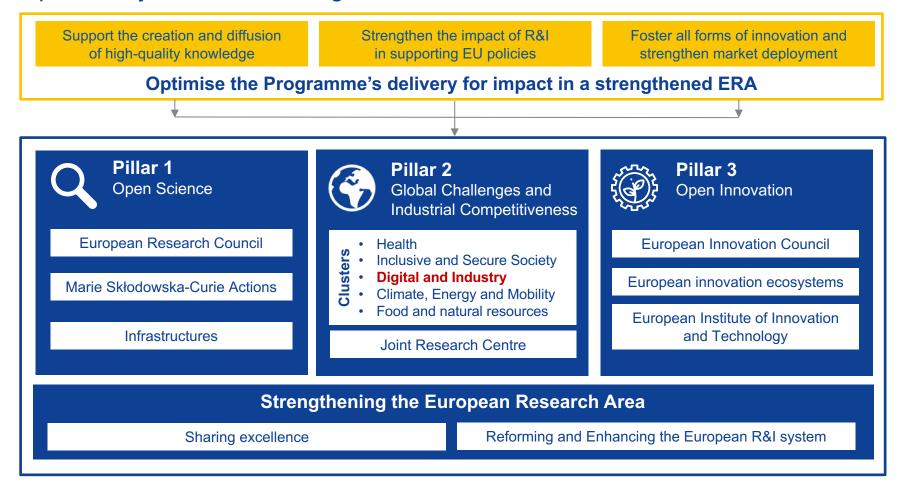






### Horizon Europe: evolution not revolution

Specific objectives of the Programme





#### **Clusters** in 'Global Challenges and Industrial Competitiveness'

Clusters	Areas of intervention	
Health	* Health throughout the life course  * Non-communicable and rare diseases * Tools, technologies and digital solutions for health and care	* Environmental and social health determinants * Infectious diseases * Health care systems
Inclusive and Secure Societies	* Democracy * Social and economic transformations * Protection and Security	* Cultural heritage  * Disaster-resilient societies  * Cybersecurity
Digital and Industry	* Manufacturing technologies  * Advanced materials  * Space  * Circular industries	* Key digital technologies  * Artificial intelligence and robotics  * Advanced computing and Big Data  * Next generation internet
Climate, Energy and Mobility	* Climate science and solutions * Energy systems and grids * Communities and cities * Industrial competitiveness in transport * Smart mobility	<ul> <li>* Energy supply</li> <li>* Buildings and industrial facilities in energy transition</li> <li>* Clean transport and mobility</li> <li>* Energy storage</li> </ul>
Food and Natural Resources	* Environmental observation * Agriculture, forestry and rural areas * Food systems * Circular systems	<ul><li>* Biodiversity and natural capital</li><li>* Sea and oceans</li><li>* Bio-based innovation systems</li></ul>







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STATE OF THE ART TECHNOLOGY

R&I priorities + DATA & Infrastructure to support R&I

#### R&I

- Support research to achieve digital language transparency
- Support Language Preservation

#### **CAPACITY & DEPLOYMENT**

- Support deployment of Language Technologies
- Support public administrations and areas of public interest







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Support research to achieve digital language transparency

Why: EU competitiveness and independence to external technology providers

How: Innovate in Language Technologies

Impact: keep EU Researchers
Lower barriers in DSM

Where?

Next Generation Internet
Human-centric

Human-centric Internet applications







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#### **Support Language Preservation**

Why: Most European languages are at risk of digital extinction

How: Collect language resources

Impact: Digital Humanities and Language Technologies

Where?

Inclusive and Secure Society

**Cultural Heritage** 







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## Support deployment of Language Technologies

Why: Increase EU competition in a key technology

How: Provide languages data and tools to public and private and foster collaboration

Impact: Public and Private including SMEs

Where?

**Artificial Intelligence** 

European Data spaces,
European libraries of algorithms
Digital Innovation Hubs







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Support the modernisation of public administrations and areas of public interest

Why: offer EU citizen access to information in any language

How: Provide languages technologies enablers

Impact: Public administrations,
Areas of public interest,
SMEs.

Where?

Deployment, best use of digital capacities and Interoperability

Modernisation of administrations

