Digital Education Action Plan 2021-207
Resetting Education and Training for the Digital Age

Georgi Dimitrov, Head of Unit (acting), EAC.C4 Digital Education, European Commission

Veronica Mobilio, Policy Officer, EAC.C4 Digital Education, European Commission

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Boosting the digital transformation in Higher Education Institutions

HEInnovate Webinar, 25 March 2020

European Commission
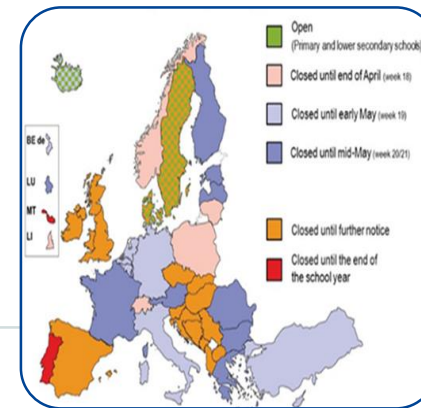
Political Context

| Political guidelines of the President von der Leyen | A Europe fit for the Digital Age | Digital Education Action Plan (2018-2020) | COVID-19 pandemic and upsurge in distance and online learning | Next Generation EU |

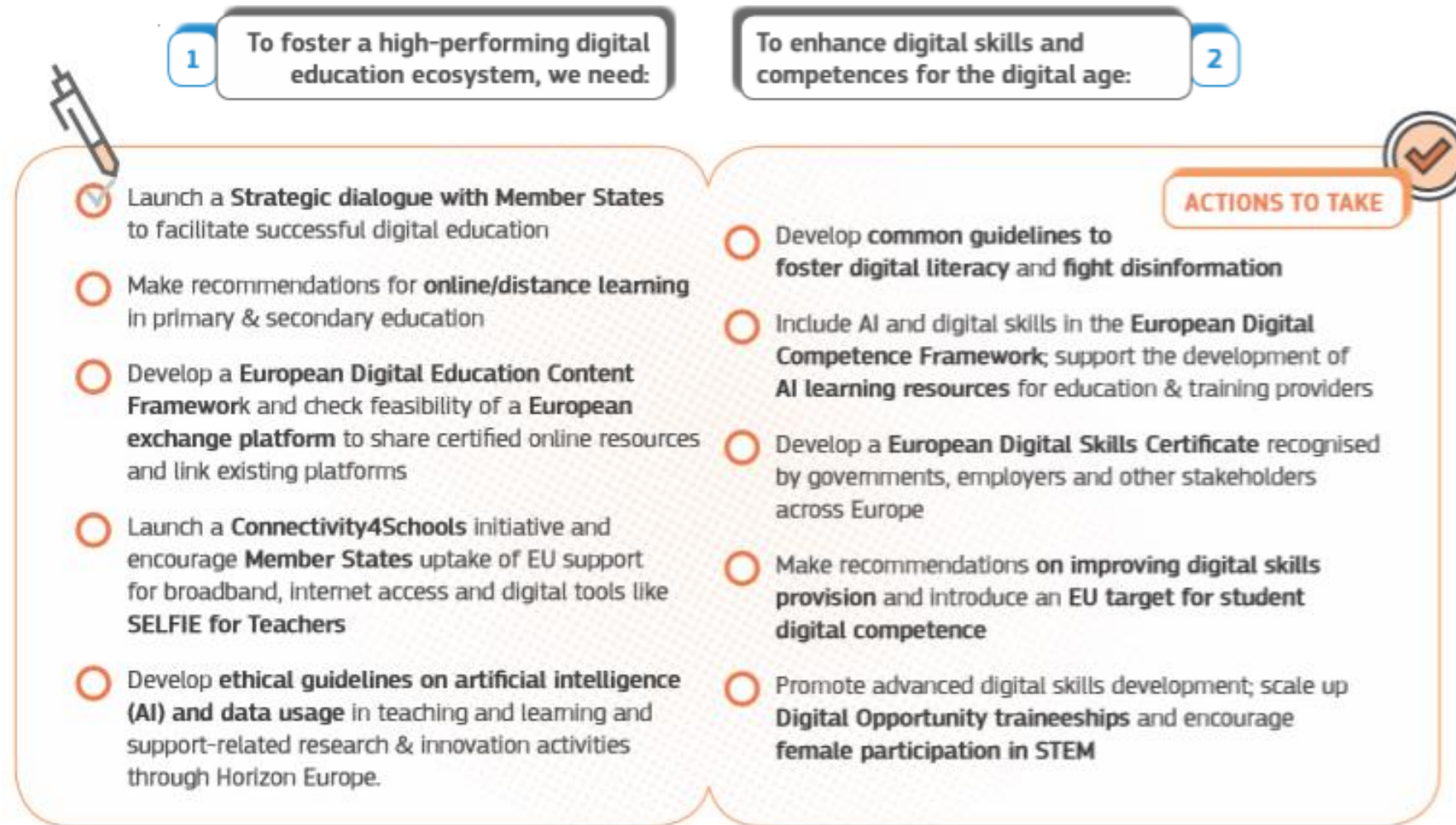Key enabler for **European Education Area** and **the new Skills Agenda**

Key Features

- An **integrated approach** for technology use in education and improving digital skills

- **Extended scope** - beyond formal education and including **lifelong learning**

- **Longer duration -** 2021-2027, aligned with the programming period of the EU

- Digital education as a **strategic priority** for a Europe fit for the digital age

- Important for **Recovery and Resilience Plans of Member States**

- **Better synergies between funding instruments** (Erasmus, Horizon Europe, Digital Europe Programme, ESF, ERDF, InvestEU, Recovery and Resilience Funds)

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Two Strategic Priorities - One goal

Priority Area	Objectives
Fostering the development a high performing digital education ecosystem	o Boosting peer learning and policy cooperation o Investing in infrastructure and connectivity o Fostering digital capacity building o Supporting high-quality and inclusive digital education
Enhancing digital skills and competences for the digital transformation	o Fostering the development of digital competence o Promoting digital literacy for informed choices as citizens o Boosting the development of advanced digital skills

HIGH-QUALITY AND INCLUSIVE DIGITAL EDUCATION

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Actions per Priority

1 To foster a high-performing digital education ecosystem, we need:

2 To enhance digital skills and competences for the digital age:

ACTIONS TO TAKE

- Launch a **Strategic dialogue with Member States** to facilitate successful digital education

- Make recommendations for **online/distance learning** in primary & secondary education

- Develop a **European Digital Education Content Framework** and check feasibility of a **European exchange platform** to share certified online resources and link existing platforms

- Launch a **Connectivity4Schools** initiative and encourage **Member States** uptake of EU support for broadband, internet access and digital tools like **SELFIE for Teachers**

- Develop **ethical guidelines on artificial intelligence (AI) and data usage** in teaching and learning and support-related research & innovation activities through Horizon Europe.

- Develop **common guidelines to** foster **digital literacy** and **fight disinformation**

- Include AI and digital skills in the **European Digital Competence Framework;** support the development of **AI learning resources** for education & training providers

- Develop a **European Digital Skills Certificate** recognised by governments, employers and other stakeholders across Europe

- Make recommendations **on improving digital skills provision** and introduce an **EU target for student digital competence**

- Promote advanced digital skills development; scale up **Digital Opportunity traineeships** and encourage **female participation in STEM**

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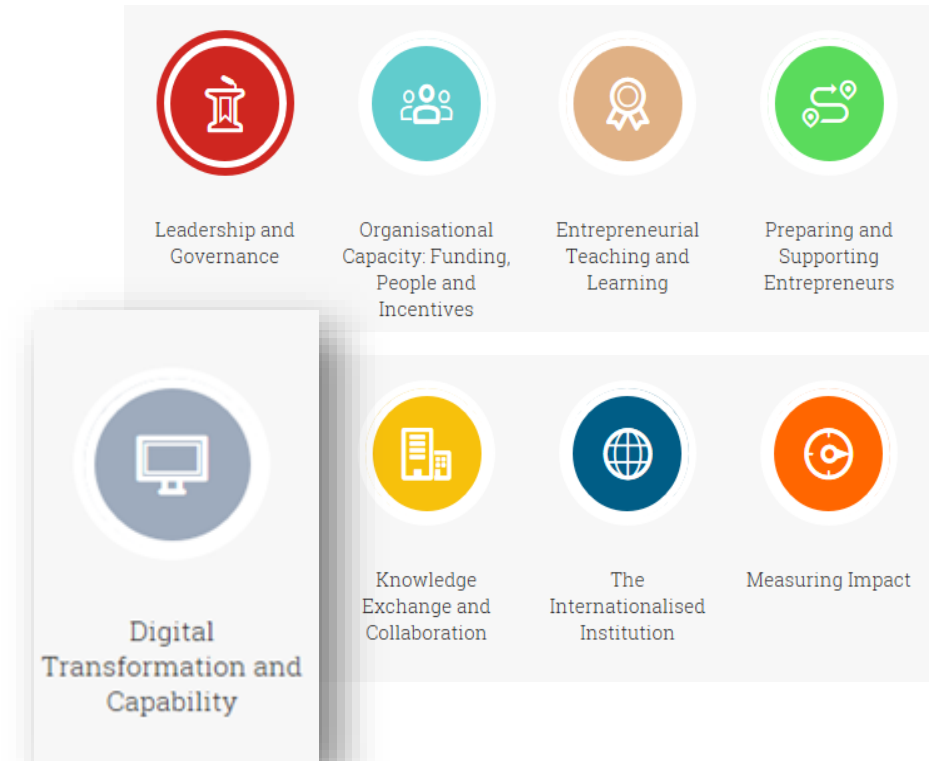# Stronger coordination and cooperation at EU level

European Digital Education Hub:

➢ **Support** a network of national advisory services to exchange experience and good practice, **link** national and regional digital-education initiatives and strategies and stakeholders;

➢ **Monitor** the implementation of the Action Plan and the development of digital education in Europe and **share good practices** by contributing to research experimentation and systematic collection and analysis of empirical evidence;

➢ **Cross-sector collaboration** and **new models for the exchange** of digital learning content, including common standards for digital education;

➢ Agile development of policy and practice in digital education by being a **think-and-do-tank** and engaging stakeholders in **user-driven innovation** through the Digital Education Hackathon.

Update of the HEInnovate Digital Dimension

- Part of the Digital Education Action Plan

- Key role of HEIs in the digital ecosystem

- Necessary due to COVID-19 impact

Leadership and Governance

Organisational Capacity: Funding, People and Incentives

Entrepreneurial Teaching and Learning

Preparing and Supporting Entrepreneurs

Digital Transformation and Capability

Knowledge Exchange and Collaboration

The Internationalised Institution

Measuring Impact

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Supporting evidence (1)

- **Higher level of preparedness** compared to schools and VET providers

- **Different levels of digital capacity** (within and across institutions)

- **Specific challenges** related to:

  - Assessment, administration of exams, and selection/admission of new students

  - Learner engagement and adapting instructional design to online learning

- COVID-19 crisis **accelerating HIs digital transformation**

- **System-wide take-up of effective digital education practices** remains slow

Supporting evidence (2)

- Emerging **lifelong learning needs**

- Increasing awareness of the potential of online courses

- Need to build expertise for **high quality digital content**

- Need for **strong leadership** and a **holistic, well-designed and integrated strategy** that consider technologies as a key enabler for all institutional processes and activities.

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The new HEInnovate Digital Dimension

Statement 1 - The HEI fosters a **digital culture** and implements and monitors a **digital strategy** supporting innovation and entrepreneurship.

Statement 2 - The HEI invests in, manages and continuously improves **a fit-for-purpose digital infrastructure**.

Statement 3 - The HEI actively supports the **use of digital technologies to enhance quality and equity** in teaching, learning and assessment.

Statement 4 - The HEI actively uses **open educational resources, open science and open data practices** to improve the performance of the institution and increase its impact on its ecosystem.

Statement 5 - The HEI makes full use of its digital capacity to promote **sustainable and inclusive innovation and entrepreneurship**.

Digital Education Action Plan (2021-2027)

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