THE FUTURE EDUCATIONAL SCENARIOS SHAPED BY DIGITAL TRANSFORMATION.
CONVENTIONAL TEACHING IS OUTDATED?

Gianluca Coppola

President of the European Digital Learning Network (Dlearn), Italy

International Scientific Conference Emerging Trends in Economics, Culture and Humanities (etECH2020)

APRIL 23, 2020, RIGA

PLENARY SESSION

dlearn
EUROPEAN DIGITAL LEARNING NETWORK

European Digital Learning Network

We are a not-for profit European network aiming to embrace the challenges brought by the digital transformation in terms of *digital skills mismatch* and *digital learning opportunities*.

Our network addresses the challenges and issues raised by the current digital development and progress in *education* and *training*.

EUROPEAN DIGITAL LEARNING NETWORK

WORKING GROUPS

SCHOOL EDUCATION

Improve pedagogy and teaching with ICT tools and innovative practices

HIGHER EDUCATION

Boost students centered-learning settings and innovative educational methods

ADULT EDUCATION

Promote awareness and competent exploitation of ICT within the society

VOCATIONAL EDUCATION

Enhance digital education to overcome skills mismatch and foster innovative training model

25
MEMBERS

15
COUNTRIES

dlearn

EUROPEAN DIGITAL LEARNING NETWORK

Members of Dlearn

Associations

Educational Centers

ICT education service providers

ICT experts

NGOs

SMEs
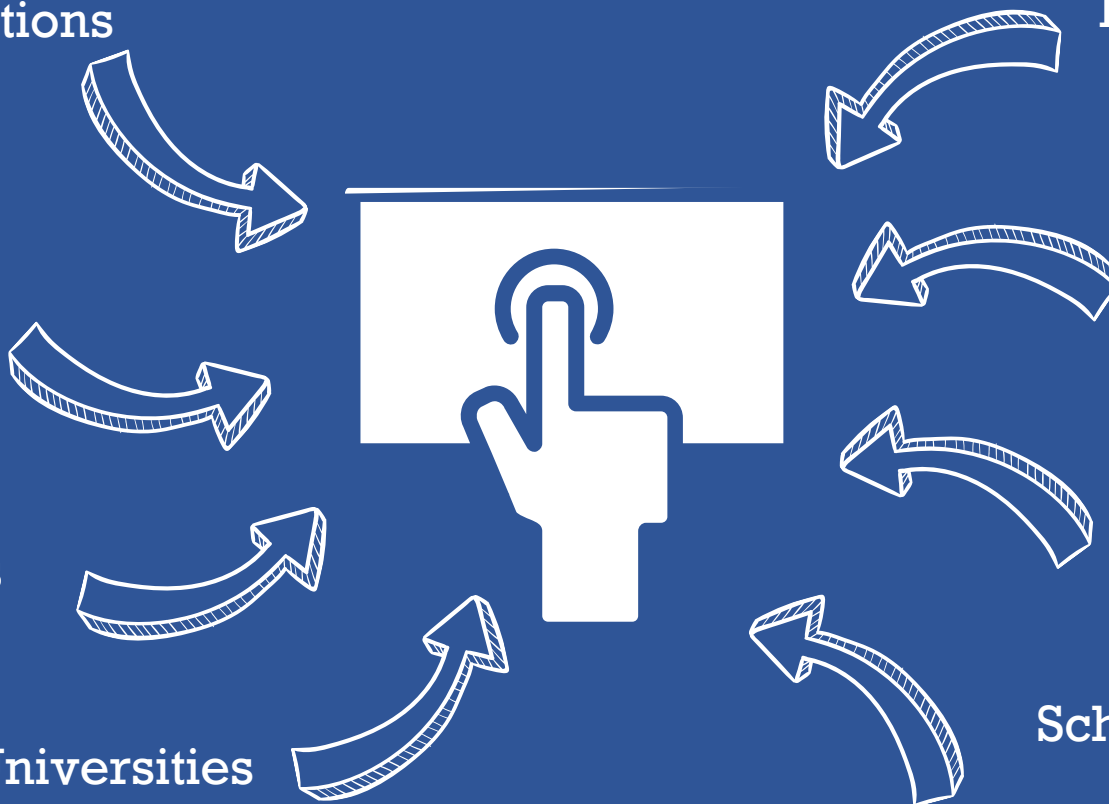
Universities

Schools

ICT/ new technologies/ digital competences

New innovative curricula/ educational methods/ development of training courses

Promotion and implementation of European transparency tools for education and training e.g. ECVET, EQAVET, etc.

Development of innovative educational tools through game-based approach, mobile applications and interactive platforms to engage learners

Youth enhancement and boost of competences especially of those in need

Intercultural/ intergenerational education and lifelong learning

Entrepreneurial learning – entrepreneurial education

Promotion and communication

THE MAIN FINDINGS
OF THE **RESEARCH**

WHAT DO YOU THINK ABOUT THE FUTURE OF DIGITAL EDUCATION AND TRAINING IN EU?

The core of the survey

A survey to investigate about **trends, ideas and needs in education in relation to digital skills and tools**.

The extent to which **digital tools** are used in education

The level of **digital skills** among education providers

The extent to which organizations are equipped to embrace **digital transformation**

The most used or known **methodologies to use ICT tools** for educational purposes

The most used practices or methodologies to help **transition to employment**

The extent to which ICT tools can help **students'/learners' retention**

Transversal recommendations in a bit

S/O
Strength/Opportunity

- ✓ ICT is fundamental to progress in personalization of learning systems to improve learners engagement

- ✓ Augmented and virtual reality are still not very well known technology in education

- ✓ Structural investments and equipment are fundamental to embrace digital transformation

- ✓ Learning analytics is still underestimate

- ✓ More efforts are needed in facilitating education organizations links with stakeholders and businesses

T/W
Threat/Weakness

- ✓ Digital skills for teachers/tutors is still an issue to address

- ✓ Do not underestimate conventional communication to attract students/learners

- ✓ Structural investments and equipment are fundamental to embrace digital transformation

- ✓ Pay more attention on how to convey information sourced from the web to actual educational material

- ✓ Learning analytics is still underestimate

Structural transformation for the Future Education

CONVENTIONAL TEACHING IS OUTDATED?

4 major developments challenge the current education models with their interconnectedness

Increasing need for life-long learning in a non-linear world

World we live in, has become **non-linear**!

Lifelong learning changed through the years

Education systems need models that follows closely this evolution & the culture around it.

Evolving needs and expectations of the "student-consumer"

The **needs** and **demands** of students and life-long learners are growing in link with new environments, experiences, lifestyles…

New mindsets: learners are looking for flexible, seamless and personalized educational experiences.

Emerging technologies and business models

The conventional education and life-long learning models are shaken up by **new actors**!

Fast growing innovators are challenging education status

New technologies, new approaches in line with learners expectations.

Towards a "skills over degrees" model

Degrees are required in professional life, but **skills** are truly and mostly request to be hired!

Value of degrees is being questioned by education systems **BUT** schools are still the best places to start acquiring skills.

Towards a "skills over degrees" model

For most companies, the degrees still are a reflection of a the employees abilities!

BUT…researches an daily experiences show that **education level is only weakly correlated** with job performance!

Companies are adopting actively **new ways** to evaluate employability other than the possession of a degree.

What does this mean for education systems?

Education systems are changing with their societies: fast, with new actors, innovative models that fit better for the future

THANK YOU

EUROPEAN DIGITAL LEARNING NETWORK

GET IN TOUCH WITH US

EMAIL ADRESS

Gianluca Coppola
President
gianluca.coppola@dlearn.eu

MAIN ADRESS

Via Domenico Scarlatti, 30
20124 Milano – ITALY

PHONE & FAX

P: +39 02.87284807
F: +39 02.87284808

WEBSITE

www.dlearn.eu