Digital Education Action Plan
Focus on EU Code Week

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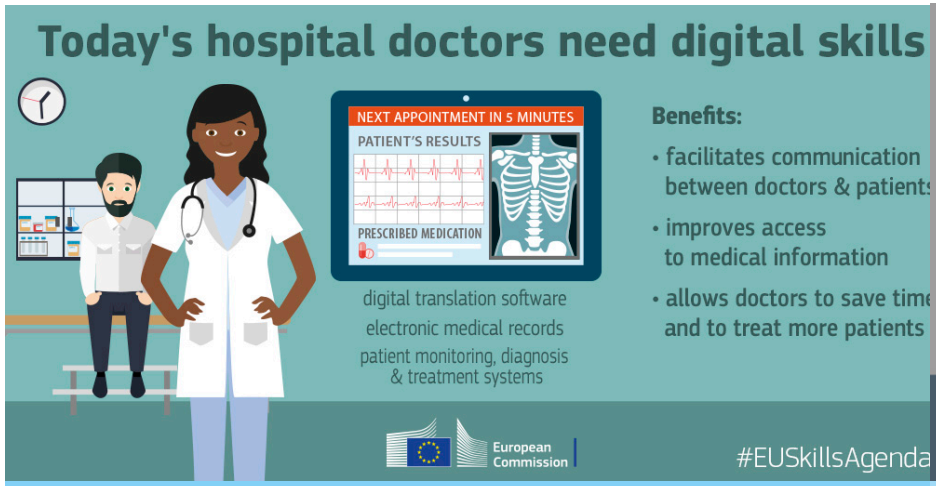
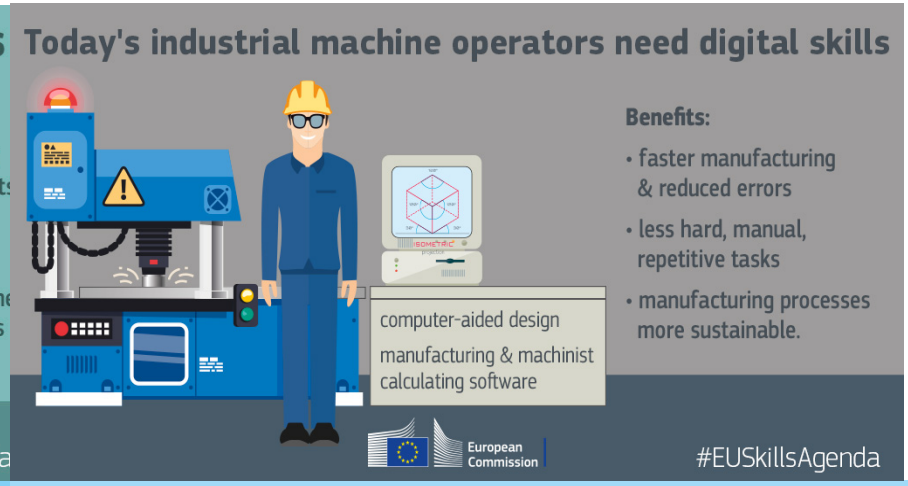
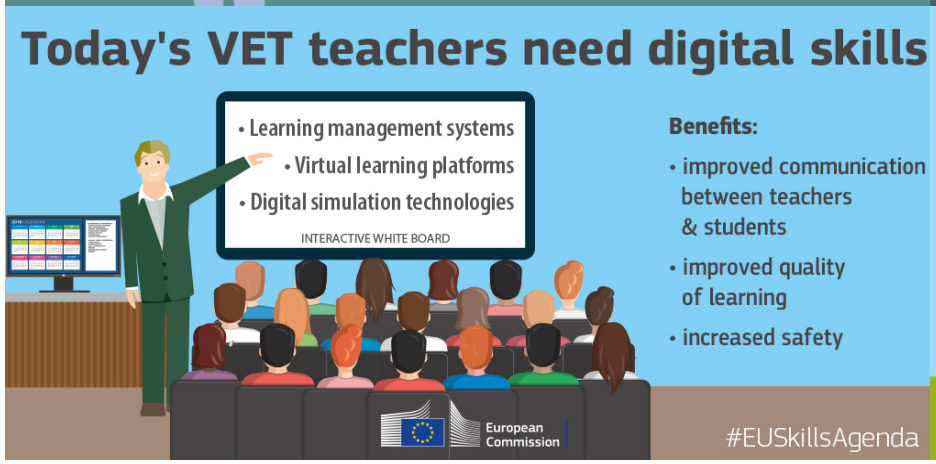
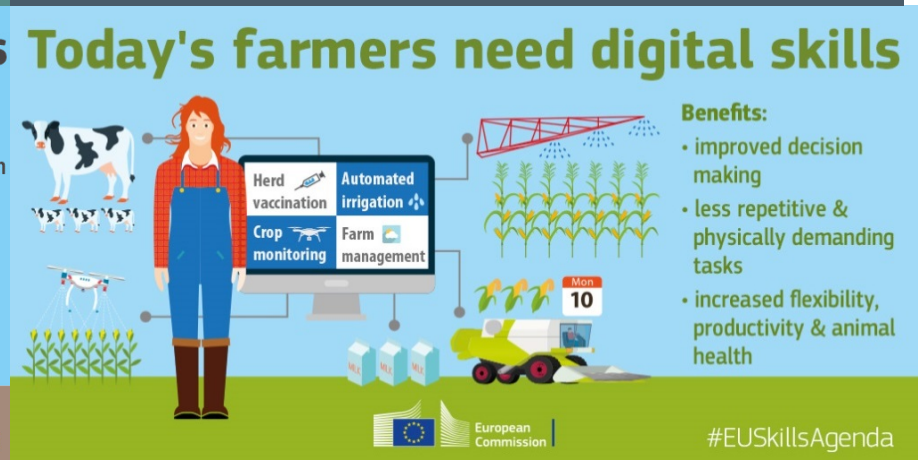
Digitisation is transforming the economy









European Commission

EU Citizens' digital skills

Source: DESI 2018

European Commission

Digital Skills of the labour force

90% of jobs require some digital skills

35% of the labour force
do not have basic digital skills

More than 600,000 vacancies
for ICT specialists

European Commission

How can education keep pace?

95% of 16-24 year olds in the EU are regular internet users

Less than 20% of children are in schools that have access to high-speed internet (above 100 mpbs)

20-25% are taught by digitally confident and supportive teachers

Digital technologies provide many benefits to learning and teaching

Digital Education Action Plan - January 2018

Priority 1

Making better use of digital technology for teaching and learning

Priority 2

Developing digital competences and skills for the digital transformation

Priority 3

Improving education through better data analysis and foresight

Digitally certified qualifications in new Europass

CodeWeek.

Digital higher edu hub

Tech workshops for girls

EU Code Week in the Digital Education Action Plan

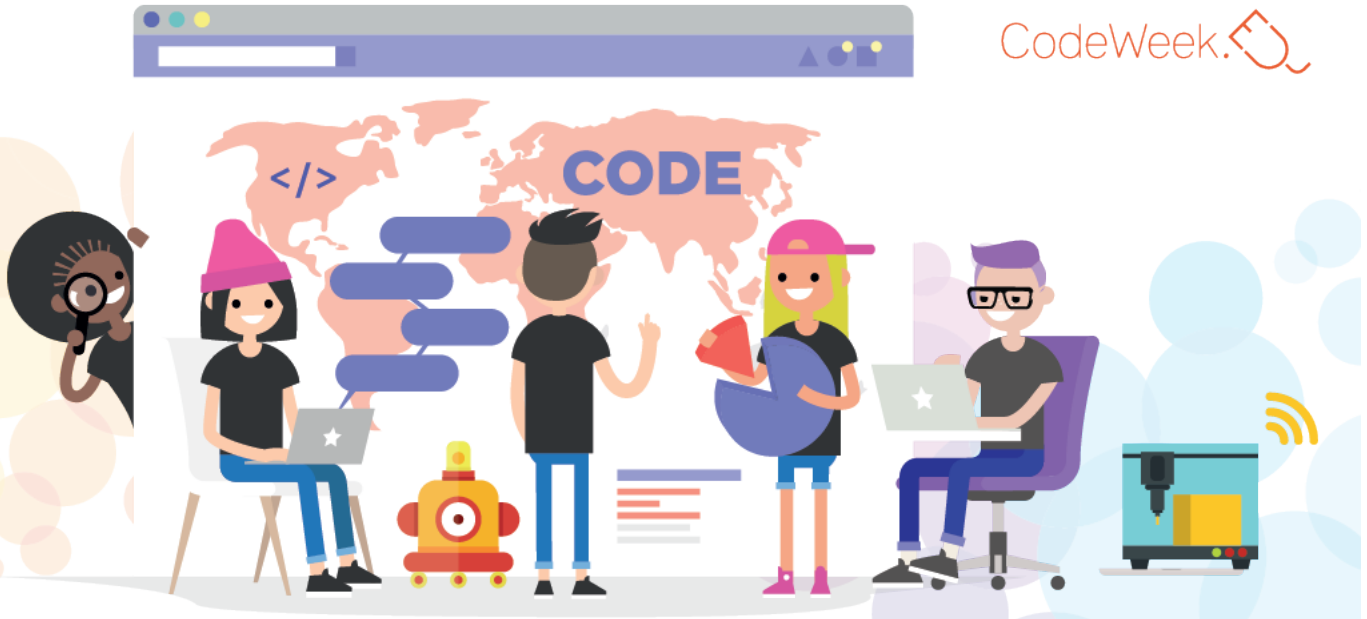
- 79% of lower secondary school students and 76% of upper secondary school students **never or almost never** engage in coding or programming at school.
- EU Code Week to spark school leaders and teachers interest in digital education.
- Help speed up innovation in education systems and improving teaching and learning.
- **Target: reach 50% of primary and secondary schools in Europe by 2020.**

CodeWeek.

Europe Code Week

5-20 October 2019

A celebration of
creating with code



CodeWeek.

CodeWeek.

What is the aim of EU Code Week?

To bring computational thinking, basic programming skills and digital literacy to everybody in a fun and engaging way

"Since the beginning of times, humans have created with stone, iron, paper and pencil. Now we live in a different era where we mould our world in code. During Code Week we want to give everyone the opportunity to discover coding and have fun with it. Let's learn coding to shape our future!"

- Alessandro Bogliolo, EU Code Week coordinator

CodeWeek.

Who participates?

EU Code Week is for everyone, by everyone

Children, pupils, students, young adults, adults, seniors, parents, **teachers**, librarians, entrepreneurs and policymakers can **organise** and **participate** in coding events.

CodeWeek.

Who is behind Code Week?

Ambassadors

Leading Teachers

Edu Coordinators

European Commission

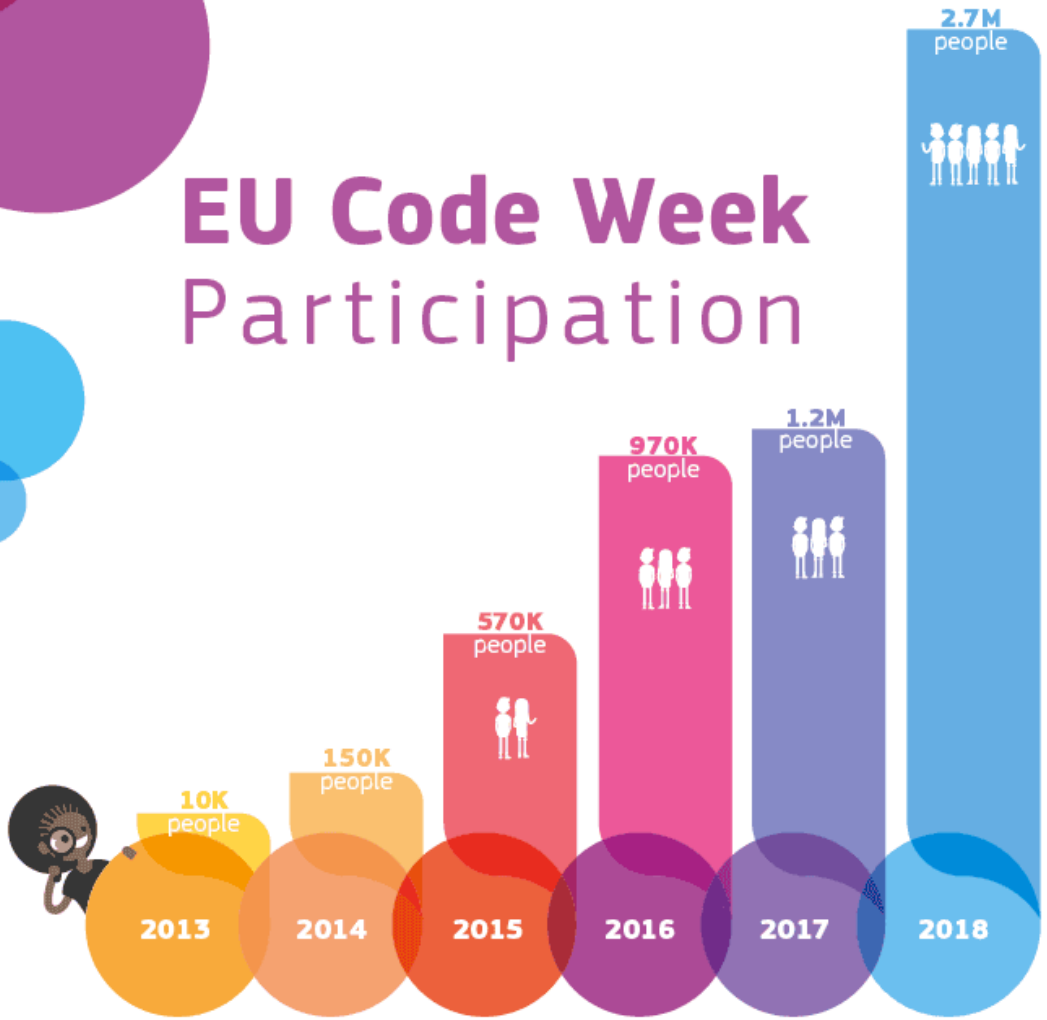
CodeWeek.

What can teachers do?

- Check our tutorials, lesson plans and resources.
- No computers? Organise an off-line activity.
- Invite coaches, parents, the university or local companies to share their experience.
- Take part in the Code Week 4 All challenge. Engage at least 500 students and/or 10 events,and/or 3 countries and earn the Certificate of Excellence.
- Share experiences with teachers on Facebook EU Code Week Teachers group
- Add your activity to the map!

CodeWeek.

EU Code Week
Participation



CodeWeek.eu

Connect with #CodeWeek!

codeweek.eu

@CodeWeekEU #CodeWeek

@ CodeEU

Contact European Commission:
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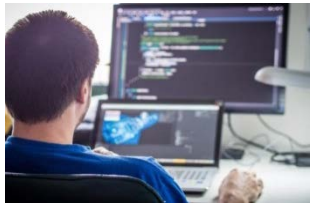
Digital Skills and Jobs Coalition

- 1 of 10 actions in **New Skills Agenda for Europe**
- **Multi-stakeholder partnership**
- **Take action** to tackle the lack of digital skills in Europe for four target areas.

Education

Labour force

ICT professionals



Citizens

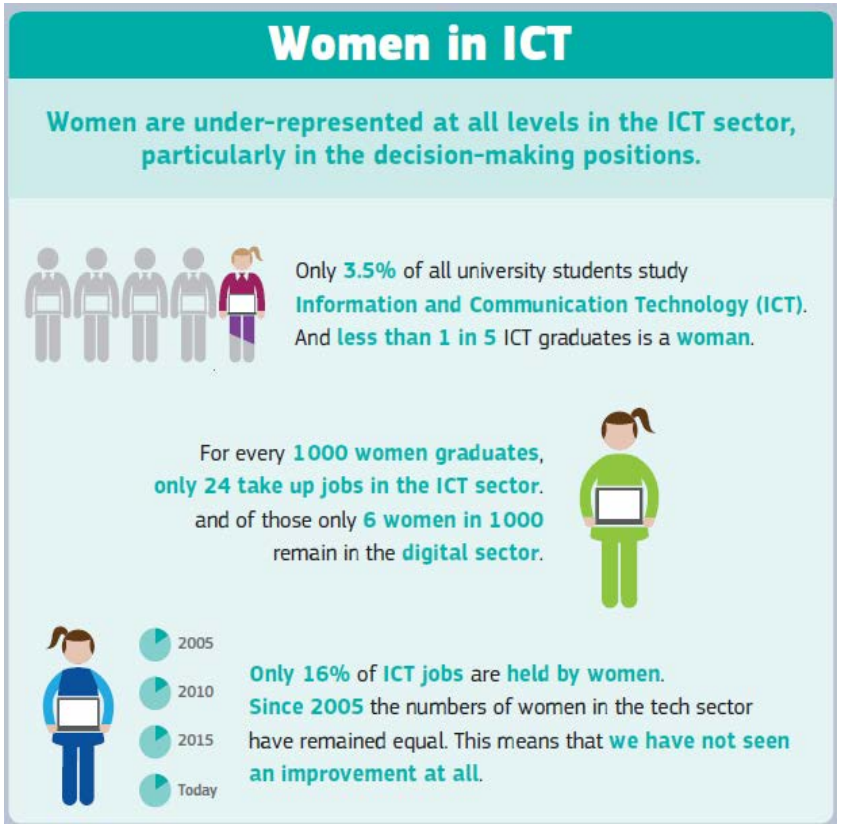
Digital Opportunity Traineeships

Students in **all domains** need to be **educated** in **digital skills**, **not just those** who choose an **ICT career**

Pilot project to provide **cross-border traineeships** for up to 6,000 **students and recent graduates** in 2018-2020

Empowering women and girls in media and ICT

- Lack of critical mass of girls and women in STEM Education and even less accessing a career in ICT.
- Social injustice and a loss to society and the economy.



Women in Digital Strategy: 3 pillars

Combatting the gender stereotypes, promoting role models and positive images of women in ICT

Making digital skills training accessible and promoting STEM education among girls

Promoting digital entrepreneurship for women