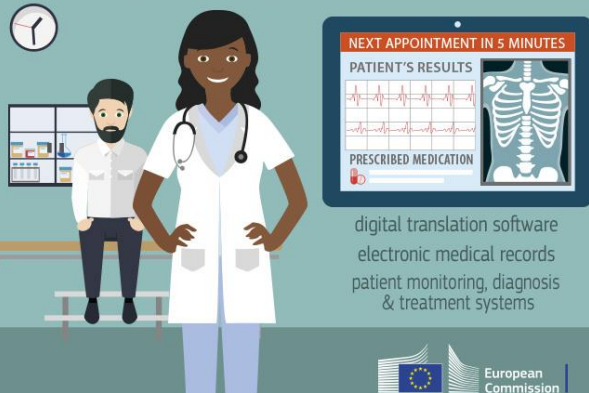


Digital Skills and Jobs Coalition



Digitisation is transforming the economy

Today's hospital doctors need digital skills



Benefits:

- facilitates communication between doctors & patients
- improves access to medical information
- allows doctors to save time and to treat more patients

Today's industrial machine operators need digital skills



Benefits:

- faster manufacturing & reduced errors
- less hard, manual, repetitive tasks
- manufacturing processes more sustainable.

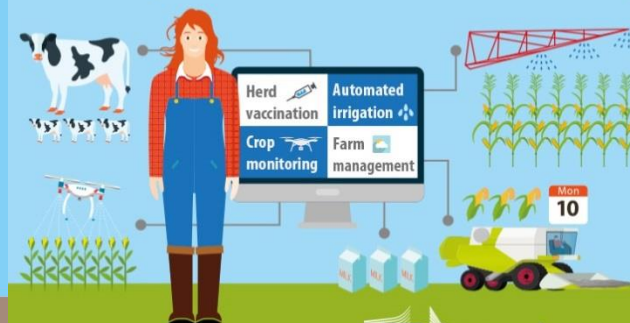
Today's VET teachers need digital skills



Benefits:

- improved communication between teachers & students
- improved quality of learning
- increased safety

Today's farmers need digital skills



Benefits:

- improved decision making
- less repetitive & physically demanding tasks
- increased flexibility, productivity & animal health



Digital skills in numbers

- 44% or 169 million Europeans do not have basic digital skills. Of these 77 million people have no digital skills at all.
- Lack of interest and lack of digital skills top reasons not get internet at home.
- 37% or 80 million in the labour force do not have basic digital skills. Of these 26 million have no digital skills at all
- ICT jobs now 3.5% of total employment
- Risk we will lack 500,000 ICT specialists in 2020

What is the Digital Skills and Jobs Coalition?

- 1 of 10 actions in [New Skills Agenda for Europe](#)
- **Network** that brings **together** Member States, companies, social partners, non-profit organisations and education providers...
- **Take action** to tackle the lack of digital skills in Europe.
- **Four target areas:** ICT professionals, labour force, citizens, education.
- Strong **Member State** involvement through **digital skills strategies** by mid-2017 and **national coalitions**





Goals by 2020

- Train **1 million unemployed** young people for digital jobs
- Support the **upskilling** and **retraining** of the **workforce** and in particular support small and medium enterprises (SMEs)
- **Modernise education and training**
- Reorient and make use of available **funds** to support digital skills
- **Awareness raising**

Members

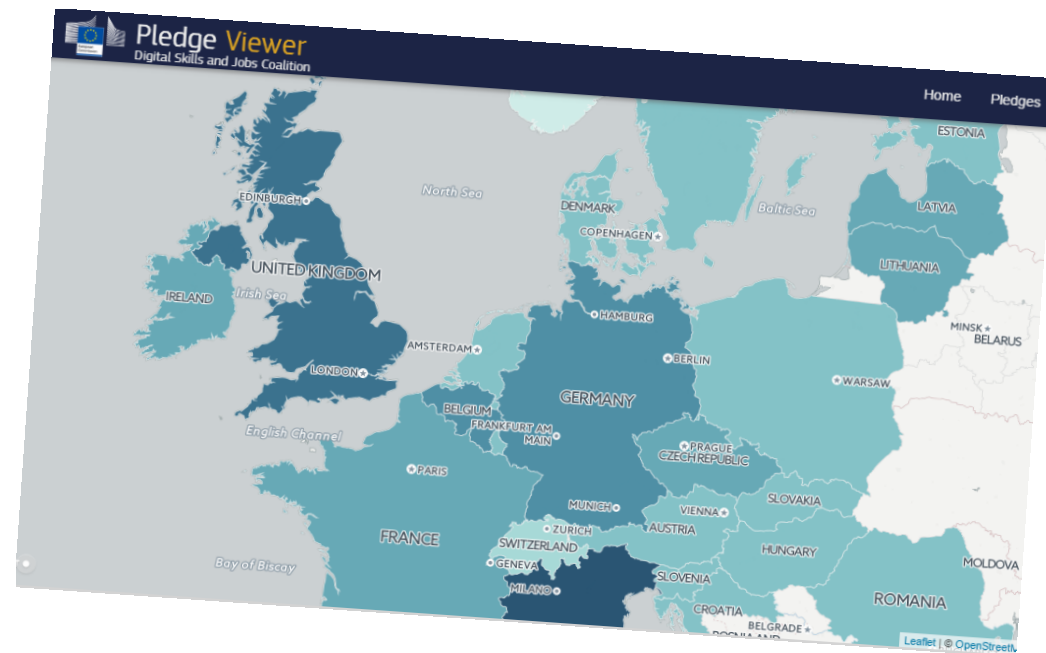
- Become a member of the Coalition by endorsing the objectives and principles of the Charter.
- Today **240 members**
- *Several sectors : IT industry, education, banking, chemicals, fashion, libraries, regional/local entities etc.*



- | | | | |
|---|----------------------------------|---------------------------------------|-------------------------------|
| • Academy Cube | • Cambridge Spark | • Facility Live | • Generation |
| • Ada National College for Digital Skills | • CEPIS | • GEYEC <u>eSkills</u> for Volunteers | • <u>Telecentre Europe</u> |
| • AICA | • CISCO | • <u>Gezinsbond</u> | • Telefonica |
| • Amsterdam Economic Board | • DIDASCA - Italian Cyber School | • Google | • <u>Transformify</u> |
| • Associazione di Promozione | • Digital Leadership Institute | • HEPIS | • <u>Ubiquim Code Academy</u> |
| | • Digital Skills Academy | • Hewlett Packard Enterprise | • University of <u>Urbino</u> |
| | | • Kasnersky Lab | • WINGS ICT |

Pledgers

- [Pledge to take action](#)
- **70 pledges**
- [Pledge viewer](#)
- **Thematic pledges:**
e.g. [Women in digital](#)



Member States have been asked to:

- ✓ develop comprehensive **national digital skills strategies** by mid-2017
- ✓ establish **national digital skills coalitions** connecting public authorities, business, education, training and labour market stakeholders
- ✓ Develop concrete measures to bring digital skills and competences to all levels of education and training

17 national coalitions and emerging initiatives

- Mobilise partners and form or join a **regional** and **national** Digital Skills and Jobs Coalitions.
- Collaboration include **increasing industry-led training, certifying skills, improving school and university curricula, raising awareness about ICT careers.**

[Belgium](#)

[Bulgaria](#)

[Cyprus](#)

[Czech](#)

[Republic](#)

[Estonia](#)

[Hungary](#)

[Ireland](#)

[Latvia](#)

[Lithuania](#)

[Luxembourg](#)

[Malta](#)

[Poland](#)

[Romania](#)

[Slovakia](#)

[Slovenia](#)

[Spain](#)

[UK](#)

More to come



MS sub-group on Digital Skills

- Experts have been nominated by the DSM Strategic Group
- Support development and implementation of national digital skills strategies
- Developed a "shared concept" for digital skills strategy following a request by Commissioner Oettinger at an Informal Ministerial debate on Digital Skills Dec. 2016
- The 3rd meeting took place on 29 March 2017

The shared concept

➤ A concept for tackling the digital skills challenges in Europe

a kind of **model or menu items** for a digital skills strategy which identifies:

- ✓ The main **target groups**
- ✓ the **main challenges** to be addressed in order to effectively tackle digital skills gaps in Europe
- ✓ A list of **possible solutions** to these challenges
- ✓ Member States have also gathered a **selection of best practice initiatives**, mapped to the identified challenges and solutions

What does it look like?

Table of solutions to the challenges identified in the concept

Target Group	Challenges	Actions	Best Practices
1. Education	1.1 Providing adequate ICT infrastructure in schools and training institutions	1.1.1 Ensure that schools and training institutions have good quality ICT infrastructure including a good broadband connection and that teachers, trainers and students have a range and a sufficient provision of different technological devices and software for use in educational contexts. This could include through "Bring-Your-Own –Devise" (BYOD) policies, but should also ensure provisions for low-income groups.	Ecole numérique (digital school) – BE Creative School Lab – BE Computers for Socially disadvantaged – SI Connected schools – ES eCampus program – NO Mobile Learning – AT Support the municipalities' purchase of digital learning resources - DK
	1.2 Modernising and up-to-dating teaching content and pedagogies	1.2.1 Support sustained investment and funding for the continuous updating of tools and digital pedagogies/methods in education. 1.2.2 When designing and re-designing curricula: (i) Systematically consult a wide range of stakeholder groups involved in digital skills and ICT (e.g. other ministries, industry, non-profits alongside teachers, school leaders, and parents). (ii) Explore how to best design & implement curricula and concrete teaching & learning to enable up-to-date content and pedagogies, in particular as regards digital skills and competence education. Including by bringing in technical experts from companies in the ICT sector to help the design of lessons and educational materials; also encourage and enable experts to teach and train where appropriate. (iii) Promote tried & tested digital pedagogies, also across borders (best practices exchange and translation). 1.2.3 Teach children and young people how to use digital technologies already at a young age and throughout the education system. Ensure that both the use of digital technologies and their deeper workings are taught, to enable active & creative participation in the digital world (help students learn how to learn and work with technology) and labour market.	The Demonstrations School Projects - DK Coding camp for economically disadvantaged children - HU Be Full of Knowledge – HR Pollution? Find a STEM solution! - HR "Lær Kidsa Koding!" translates to "Teach the Kids to Code!" – NO

What's next?

- **Further implement goals of coalition – (joint and specific) pledges, new stakeholders,**
- **Reorient and promote use of EU funds e.g. "Digital Opportunity for Internships" scheme, sharing of best practices**
- **Strengthen governance**
- **Continue to support and monitor MS on national strategies and NC – EDPR/DSM mid-term review**



Get in touch!

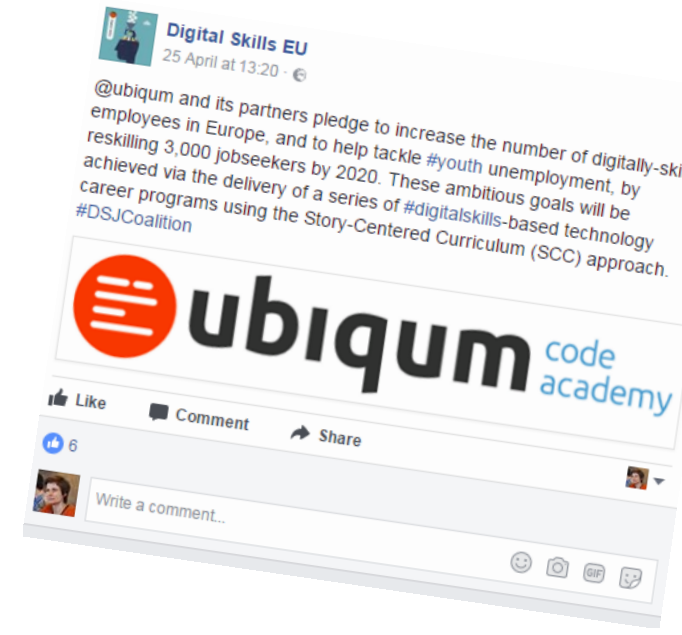
Check out our [webpages](#), join our [LinkedIn community](#), follow us on [Twitter](#) and [Facebook](#) or send an [email](#) to the Digital Skills and Jobs Coalition Secretariat.

@DigitalSkillsEU

#DigitalSkills #DSJCoalition



bit.ly/DSJCoalition



Thank you!

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