Digital transformation of VET

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Society is facing many challenges
Some data

The Digital Economy and Society Index (DESI) shows that **5 out of 10 adults** and every third person who works in Europe **lack basic digital skills**.

Over **70% of business** have said that the lack of staff with adequate digital skills is an obstacle to investment.
Educational frameworks and tools

COMPETENCE FRAMEWORKS AND TOOLS

PROFESSIONALS

DigComp Edu
SELFIE for Teachers

ORGANISATIONS

DigComp Org
SELFIE
SELFIE WBL
SELFIE for work-based learning – SELFIE WBL

SELFIE for work-based learning | European Education Area (europa.eu)

https://education.ec.europa.eu/selfie/selfie-for-work-based-learning
WHY SELFIE WBL?

- VET high in the EU Agenda (Council Recommendation) – there is interest to invest to VET education
- Importance of standardization of Traineeship
- SELFIE for WBL: Coordination between schools and companies on the use of technologies -> Digital education better fit for workplace
- Feasibility study: positive results
What is SELFIE WBL? (I)

- Self-reflection tool about the use of digital technologies in the training system
- A new module of SELFIE that supports VET institutions and companies to make the most of digital technologies for teaching, learning and training.
  - Launched in October 2021
- It is an adaptation of SELFIE to the specific requirements of WBL to support VET schools.
What is SELFIE WBL? (II)

- Companies (via in-Company trainers) are taken on-board.
- **Connecting** the world of schools with the world of work to better support digital education in VET.
- SELFIE WBL helps VET institutions and companies become **fit for the digital age**.
- It supports the **digital transition** (key priority for the European Commission).
• **EU Council Recommendation on VET** (2020):
  • Importance of modern and digital provision of VET
  • Digitalisation of VET (SBL + WBL) enhanced by the use of competence framework and self-assessment tools.

• **2020 Osnabruck Declaration** defined actions related to supporting the development of a digital infrastructure for learning and teaching purposes in VET
The “SELFIE WBL” approach

For VET institutions and companies:

• Collective self-reflection
• Informed decisions

For policy-makers:

• Picture of the situation
• Design policies
STAGES OF COLLECTIVE REFLECTION WITH SELFIE FOR DIGITAL DEVELOPMENT OF THE VET INSTITUTION

01. Set up the Self-reflection exercise
   - School leader / School coordinator

02. Respond to the Selfie questions
   - School community

03. Interpret and discuss the school report
   - Experts / Collaborators / Members of the school community

04. Create a digital action plan
   - Experts / Collaborators / Members of the school community

05. Implement and monitor the digital action plan
   - Members of the school community

06. New round of self-reflection
   - School community
Digital transformation of VET sector – JRC work

Challenges and support to EU policies

- Need for digitization of the VET sector (2020 CR on VET + 2020 Osnabruck Declaration)
- Skills to support the twin transition, better equipped future workforce (2020 European Skills Agenda)

A practical tool for VET institutions and companies:

- SELFIE WBL: self-reflection tool to support the digital transformation of the VET sector by a joint reflection (based on DigCompOrg)

Research to support the digital transformation of the VET sector:

- Identify key factors/enablers
- How to better involve companies in WBL: better addressing innovation and needs from companies. Previous exploratory work done
- Exploring training provisions aligned with the professional digital profiles (based on DigComp)
Basque Country (Spain) VET system

- Fore-runner in VET in Europe. A reference: TKNIKA
- Extensive experience. VET is key in the región. Collaboration with companies
- Fully aligned with EU policies
- Regional Plan for the Digital Transformation of Education
- Digital Maturity Model of VET institutions
  - Based on DigComp, DigCompOrg and DigCompEdu
  - Digital capacity of schools, digital competence of teachers and students
  - New Learning spaces, equipment, technologies…
Thank you.
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