

AGENDA

ETF Skills Lab Network of Experts Webinar

FUTURE-PROOF SKILLS: HOW AI IS SHAPING THE EDUCATION AND TRAINING SYSTEM

11 September 2025, 10.00 – 12.00 CET

BACKGROUND

AI is rapidly transforming the world of work and, with it, the systems responsible for preparing people with the right skills. From automation and job disruption to the emergence of new occupational profiles and the need for continuous reskilling, the digital transformation presents both challenges and opportunities for vocational education and training (VET) and other institutions. For instance, Public Employment Services (PES) are progressively integrating AI in their services to fully exploit its potential to deliver better services to their clients¹. At the same time, AI-driven tools are opening up new possibilities for personalised learning, career guidance, and inclusive access to training—particularly in low-resource and underserved contexts. This is for example the case for people with disabilities, who AI can support in their learning and job-seeking activities². Capturing these opportunities requires coordinated innovation across institutions, educators, and policy systems.

To help make sense of this complex landscape, the webinar is structured around a “skills transformation pathway” framed by three interlinked pillars. The first examines how AI and automation are reshaping skill demands, creating pressure for adaptation across economies and sectors. The second explores how education and training systems are responding—including how employers, institutions, and teachers are innovating to keep pace. The third pillar focuses on the role of AI-powered tools in supporting learners directly, with a particular emphasis on inclusion and equity. Together, these pillars connect strategic insight, institutional practice, and practical tools for action.

This webinar topic was shaped through a consultative process with members of the ETF Skills Lab Network of Experts reflecting a strong interest among our community in exploring how artificial intelligence (AI) is reshaping education and training systems. Through this webinar, participants will be able to learn more about interesting examples related to this pressing policy issue.

¹ -See European Commission (2025), [Opportunities of AI within PES process and services – PES Network Report exploring PES experiences, best practices and emerging business value](#), DG EMPL, Publication office of the EU, Luxembourg; Solutions for Youth Employment (2023), [The use of advanced technology in job matching platforms: Recent examples from public agencies](#), S4YE Knowledge Brief Series; OECD (2024), [A new dawn for public employment services: Service delivery in the age of artificial intelligence](#), by Brioscú, A. et al. OECD Artificial Intelligence Papers, No. 19.

² See OECD (2023), [Using AI to support people with disability in the labour market: Opportunities and challenges](#), <https://doi.org/10.1787/008b32b7-en>.

Time	Agenda Item	Speaker
10.00-10.10	Opening, rules of engagement, overview of agenda	Cristiana Burzio, ETF
10.10-10.20	Global trends: changing skill demands in the age of AI	Chairperson: Branka Andjelkovic, Skills Lab regional facilitator Ummuhan Bardak, ETF
10.20-10.45	Training supply for changing skill demands in the age of AI How Kosovo's VET institutions and business sector are responding to changing skills demand Q&A 15'	Chairperson: Branka Andjelkovic, Skills Lab regional facilitator Rame Likaj, University of Prishtina, Kosovo
10.45-11.30	Education/training system responses and capacity innovation How digital technology adoption is reducing employer investment in training – implications for VET policy and partnerships Q&A 10' Piloting of AI-assisted recognition of prior learning and training design in VET education: the case of Omnia Education Partnerships Q&A 10'	Chairperson: Najib Hamouti, Skills Lab regional facilitator Giorgio Brunello, University of Padua, Italy Matthew Harris, Omnia Education Partnerships, Finland
11.30-11.55	Inclusive, AI-powered tools for learners AI-assisted technologies to support persons with disabilities Q&A 15'	Chairperson: Najib Hamouti, Skills Lab regional facilitator Piotr Stronkowski, ETF
11.55-12.00	Conclusions and wrap-up	Cristiana Burzio, ETF