

## Masterclass Series

### ► The SKILLS Bridge

Harnessing the potential of public and private sectors through dual VET Systems and Quality Apprenticeships

#### Concept Note

**EP 2: Digital transformations: Modernising apprenticeships and matching the needs of the digital economy**

**7 December 2022 11:00 - 12:30 CET**



**DIGITAL TRANSFORMATIONS:**  
Modernising apprenticeships and matching the needs of the digital economy  
7 December 2022  
11:00 - 12:30 CET

[Register here](#)

### Objectives - EP2

**EP2** of “The SKILLS Bridge” Masterclasses will discuss how apprenticeships can bridge the digital gap, through meeting the skills needs of the digital economy and through investigating how apprenticeships can be modernised and transformed by using digital technology. Two of the thematic reports under the **Apprenticeships Development for Universal Lifelong Learning and Training (ADULT)** project, supported by the Government of Flanders will be presented, and a case study will give concrete insights into new approaches.

1. **Promoting apprenticeships to meet the skills needs of the digital and knowledge economy**
2. **The digital transformation of apprenticeships: Emerging opportunities and barriers**
3. **Case Studies: Technologies to fill the gap between off the-job and on the-job training**

## Audience

Anyone interested in improving skills and lifelong learning systems, especially dual VET and apprenticeships systems around the world can join these Masterclasses.

## Language

The working language of the webinar will be English.

## Tentative Agenda

Time	
11:00 – 11:05	<b>Introduction and moderation</b> By Ashwani Aggarwal, Workgroup Leader (Skills Policy and Digitalization), ILO Geneva
11:05 – 11:25	<b>Formal launch of the two reports</b>  <i>Opening remarks</i> <ul style="list-style-type: none"> <li>- <i>Srinivas Reddy, Chief, Skills and Employability Branch, ILO</i></li> <li>- <i>Erik Swars, Head of International Affairs, SFUVET</i></li> <li>- <i>Representative of Government of Flanders (TBC)</i></li> </ul> <b>Launch of theme 2 - Srinivas Reddy</b>  <b>Launch of theme 3 - Erik Swars</b>



11:25 – 11:45	<p><b>Promoting apprenticeships to meet the skills needs of the digital and knowledge economy</b></p> <p><i>By Simon Perryman - Independent skills consultant and former Executive Director at the UK Commission for Employment and Skills</i></p> <ul style="list-style-type: none"><li>• The impact of digitalization on jobs</li><li>• The skills needs of digital and knowledge-based economies, including the challenges for apprenticeship systems</li><li>• Case studies: good practices in overcoming these challenges</li><li>• Ways forward in modernizing apprenticeships to meet the challenge of digitalization</li></ul> <p>Audience Poll 1.</p>
11:45 – 12:05	<p><b>The digital transformation of apprenticeships: Emerging opportunities and barriers</b></p> <p><b>including Case study: Technologies to fill the gap between off the-job and on the-job training</b></p> <p><i>By Francesca Amenduni, SFUVET</i></p> <ul style="list-style-type: none"><li>• Digital transformation of apprenticeship systems</li><li>• Integrating technology in the apprenticeship life cycle<ul style="list-style-type: none"><li>– The use of big data for enhancing job market analysis</li><li>– The development of a framework to manage digital credentials enhanced by blockchain systems</li><li>– Digital platforms to connect all apprenticeship actors</li><li>– Enhancing the digital competences of TVET teachers and trainers</li></ul></li><li>• Erfahrungsraum pedagogical model</li><li>• e-Dap: a mobile learning solution</li></ul> <p>Audience Poll 2.</p>
12:05 – 12:25	<p><b>Question and answers from the audience</b></p> <p>Moderator: Ashwani Aggarwal</p>
12:25 – 12:30	<p><b>Closing remarks</b></p> <p><i>Karine Sonigo, Skills Digitalisation Specialist, ILO</i></p>

## Technical specifications

The webinar will be conducted via the ILO's Zoom conferencing software.

Participants can register via this link: [Webinar Registration - Zoom](#)

## Coordinator and moderator of Masterclass series

- Ashwani Aggarwal ([aggarwal@ilo.org](mailto:aggarwal@ilo.org)),  
Workgroup Leader (Skills Policy and Digitalization), ILO Geneva

## Contact person

- Jenni Jostock ([jostock@ilo.org](mailto:jostock@ilo.org))  
Technical Officer, ILO Geneva

## Background - Masterclasses

New technologies, demographic shifts, climate change, globalization and more recently the global health pandemic are causing major disruptions to the world of work and increasing skills mismatch.

Many countries across the globe face challenges in overcoming skills mismatches, resulting in lower productivity and competitiveness. A key to effective and efficient skills and lifelong learning system is through harnessing sustainable partnerships between public and private actors in all aspects of the system to ensure longevity and applicability. This is best demonstrated by countries having effective dual VET systems and quality apprenticeships.

In order to shine a light on successful dual VET systems and apprenticeship systems around the globe, the workgroup on Work-based learning, Apprenticeships and Skills Recognition, ILO Skills and Employability Branch has started a series of Masterclasses "**The SKILLS Bridge**". The series brings together senior experts from different countries to share the most tested and effective practices and innovative approaches adopted in equipping people with the skills and qualifications needed to succeed in today's and tomorrow's world of work. It offers a space deliberate on how to adapt and replicate these approaches so as to improve national VET and apprenticeship schemes and systems with the local complexities in mind.

The Masterclass series serves as a unique platform to take stock of innovative approaches, identify new practices, and evaluate recent developments in the dual VET and apprenticeship ecosystems.

*The Masterclasses title "**The SKILLS Bridge**" refers to invaluable role of Skills and Lifelong Learning in closing skills gaps, aligning demand and supply, and in uniting private and public sector collaboration.*