

Bridging

Innovation and

Learning in TVET

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# BILT Expert Groups: An inter-regional approach to peer learning

- Members from **Africa, Asia-Pacific and Europe** as well as **international organisations**.
- Three levels of stakeholders: **TVET policy, advocacy, delivery**
- **2020/21**: first BILT Expert Group on “New Qualifications and Competencies in TVET”
- **2023**: first **sector-specific** BILT Expert Group on “The impact of the dual – digital and green – transition on TVET for the **Hospitality & Tourism** sector”
- **2024/25**: BILT Expert Group on “TVET in the **Building & Construction** sector”
- **2025 – onwards** : the work goes on..



[2021 Publication:  
New Qualifications and  
Competencies \(unesco.org\)](https://unesco.org/en/publications/new-qualifications-and-competencies)



Images  
(above) BILT Expert Group 2023 Lead & Co-Leads  
(below) Conceptualization Session BILT Expert Group  
Building & Construction  
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## Expert Group 2024/25, focus on :

- ☐ **greening** TVET for the sector
- ☐ **digitalization** of TVET delivery
- ☐ the **impact of migration** on TVET for the sector.

## Lead Asia & Pacific

**Construction & Infrastructure Centre of Vocational Excellence (ConCOVE Tūhura), New Zealand**

## Co-lead Europe

**Centre for Study and Research on Training and Qualifications (CÉREQ), France, [UNEVOC Centre](#)**

## Co-lead Africa

**Council of Registered Builders of Nigeria (CORBON), Nigeria**



## **Expert Group objectives:**

- ☐ Facilitating dialogue and knowledge sharing
- ☐ Trends and challenges mapping
- ☐ Collect innovative initiatives and recommendations
- ☐ Synthesising and reporting
- ☐ Establishing strategic partnerships

## **Expert group composition – 30 members from 3 continents**

- ☐ Representative of VET schools and technical universities
- ☐ Members of national agencies for training
- ☐ Members of national construction federations
- ☐ Researchers, experts
- ☐ Members of international multilateral organizations (BIT, ETF, CCC-UNEP)

## What has been done so far – year 2024

- ☐ **7 online networking meetings**
- ☐ **1 webinar** (Asia-Pacific Region)
- ☐ **Expert surveys** about areas of exploration and focus, expert input submissions, share of resources
- ☐ 2 workshops set in the framework of **BILT Project's Bridging Events**
  - ☐ **Como, Italy** in May
  - ☐ **Accra, Ghana** in October)

# BILT Expert Group 2024/25 – TVET for the Building and Construction sector

What has been done so far

- Collection of Innovative Learning Practices

**unesco**  
International Centre for  
Technical and Vocational  
Education and Training

**Digitalization in TVET**  
**4.0**

**Digi-CVET: Support for  
broad-based digital skills**

**Innovation and Learning Practice  
Bridging Innovation and Learning in TVET (BILT) Project**

**Submitted by Bildungszentren des Baugewerbes e.V. (Germany)**

Digi-CVET is a direct response to the changing needs of the workplace, where around 90% of jobs in Europe in the near future will require digital skills – from basic to advanced levels. It aims to enhance the resilience of those working in construction by equipping them with wide-ranging digital competences, while building a culture of continuing vocational education and training (CVET) in a lifelong learning process.

Start date: November 2021  
End date: May 2023  
Type of implementing institution: Private sector/Vocational Training Centre  
Funding programmes: ERASMUS+ of the European Union  
Target groups: Skilled workers and professionals in construction

**Co-funded by  
the European Union**

**Education  
2030**

**unesco**  
International Centre for  
Technical and Vocational  
Education and Training

**Greening TVET**

**GreenGrowth:  
Competencies to face the  
circular economy challenge  
in the construction sector**

**Innovation and Learning Practice  
Bridging Innovation and Learning in TVET (BILT) Project**

**Submitted by Fundación Laboral de la Construcción, Spain**

The GreenGrowth project identifies new skills and competences required for advancing the circular economy in the construction sector. It promotes the integration of these skills into training curricula and regulatory frameworks, ensuring they are effectively implemented in educational and training practices.

Start date: November 2020  
End date: May 2023  
Type of implementing institution: Not for profit/NGO  
Implementing partners: Bildungszentren des Baugewerbes e.V. (Germany), Sustenium Institut (Germany), Centre IFAPNE Liège-Huy-Verviers (Belgium), Centro Idelle Andrea Palladio (Italy), Chamber of Commerce and Industry of Slovenia-CCI (Slovenia), Armadillo Amarillo (Spain)  
Funding programmes: Erasmus+ programme, call 2020, Key Action 2, Strategic partnerships for vocational education and training  
Target groups: Construction trainers, managers and other staff; construction companies; technical and vocational education and training (TVET) centres.

**Co-funded by  
the European Union**

**Education  
2030**

## What has been done so far - year 2025

- **6 working meeting** (regional and thematic) with Experts collecting feedbacks on **Summary Report** draft
- **ExG Summary report** – first draft submitted
- BILT Bridging Event in Kuala Lumpur (Malaysia) - **Collaborative session: Exploring pathways for digital transformation in TVET for the construction sector**
  - **Discuss the purpose** and the **potential advantages** to initiate digital transformation of TVET delivery.
  - **Provide practical examples** on digitalisation of TVET and/or digitalization of industry (especially SMEs) having a direct impact on workforce training.
  - **Collect useful suggestions** aimed to better inform for policy orientations, pedagogy, and workforce skills development.

## Possible Synergies

- ❑ Additional opportunity to exchange - still some additional **network meeting** to go (June- August 2025)
  - ❑ Still looking for **Innovative Learning Practices** – do not hesitate to send me ideas on what you would like to put forward for an international audience of practitioners
- 
- **Write us to share ideas !**
  - [eve.price@concove.ac.nz](mailto:eve.price@concove.ac.nz)
  - [registrar@corbon.gov.ng](mailto:registrar@corbon.gov.ng)
  - [matteo.sgarzi@cereq.fr](mailto:matteo.sgarzi@cereq.fr)

## Guiding Questions

- ***Digital tools vs physical equipment:*** can technologies like AR, VR, BIM, or 3D printing offer cost-effective alternatives to expensive and rapidly obsolete training equipment?
- ***Faster curriculum development through digitalisation:*** can digital tools – including AI – help speed up curriculum review and alignment with industry needs? How?
- ***Upskilling trainers:*** what practical strategies can support trainers to develop digital skills? What role should industry play in this?
- ***Supporting SME digitalisation:*** How can we help SMEs to adopt digital tools despite high initial costs? What long-term returns might outweigh the investment?
- ***Return on investment for TVET institutes:*** what benefits – economic or otherwise – can digital transformation bring to TVET institutes? Does it lead to better labour market outcomes for learners?