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UNESCO-UNEVOC International Center
BILT themes

**Digitalization**
Providing response to new skills demands, as technology permeates the world of work and is changing job profiles

**Entrepreneurship**
Unlocking the potential of innovative entrepreneurial activities and fostering entrepreneurial culture

**Greening**
Responding to new development paradigms for sustainability and reduced environmental impact

**Migration**
Accelerating the integration of migrants into their host communities, and allowing them to become productive members of the workforce

**New Qualifications and Competencies**
How can they be put into practice to ensure future-oriented TVET and open attractive career paths?
1. Bridging Innovation and Learning

International conferences & Expert workshops

Upcoming Events 2021

27-28 April: Europe-Asia Conference
15-16 June: Europe-Africa Conference
December: BILT Learning Forum
Q3/Q4: Learning Labs
2. Products

Innovation and Learning Practices

Trends Mapping
### Involvement of TVET stakeholders in the identification of NQC (in percentage)

<table>
<thead>
<tr>
<th>Stakeholder Category</th>
<th>Currently involved (%)</th>
<th>Should be more involved (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other associations, including non-governmental organizations (NGOs) and civil society organizations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Youth organizations</td>
<td>[0% - 100%]</td>
<td>[10% - 90%]</td>
</tr>
<tr>
<td>Individual specialists (health, gender, education)</td>
<td>[0% - 100%]</td>
<td>[10% - 90%]</td>
</tr>
<tr>
<td>Universities/Research institutions</td>
<td>[0% - 100%]</td>
<td>[10% - 90%]</td>
</tr>
<tr>
<td>Small and medium-sized enterprises (SMEs)</td>
<td>[0% - 100%]</td>
<td>[10% - 90%]</td>
</tr>
<tr>
<td>Trade Unions</td>
<td>[0% - 100%]</td>
<td>[10% - 90%]</td>
</tr>
<tr>
<td>Employers’ Associations</td>
<td>[0% - 100%]</td>
<td>[10% - 90%]</td>
</tr>
<tr>
<td>Large enterprises, including multinational companies</td>
<td>[0% - 100%]</td>
<td>[10% - 90%]</td>
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<tr>
<td>Chambers</td>
<td>[0% - 100%]</td>
<td>[10% - 90%]</td>
</tr>
<tr>
<td>Public TVET schools and training centres</td>
<td>[0% - 100%]</td>
<td>[10% - 90%]</td>
</tr>
<tr>
<td>Ministry or Local public authority</td>
<td>[0% - 100%]</td>
<td>[10% - 90%]</td>
</tr>
<tr>
<td>TVET national body</td>
<td>[0% - 100%]</td>
<td>[10% - 90%]</td>
</tr>
</tbody>
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**Source:** BILT survey.
2. Products

Innovation and Learning Practices

Practical guide on New Qualifications and Competencies (ongoing)

- Identification through suitable approaches and instruments
- Integration into curricula and training regulations
- Implementation in teaching and training
Four main areas for the years 2021 to 2025
1. **Resilience and excellence through quality, inclusive and flexible VET**
2. Establishing a new lifelong learning culture – relevance of C-VET and digitalization
3. **Sustainability** – a green link in VET
4. **European Education and Training Area and international VET**

Ensure inclusive an equitable quality education and promote lifelong learning opportunities for all
*Access – Relevance – Inclusion – Global citizenship*
Over the next 10 years, 50% of jobs will be changed by automation and AI - but only 5% eliminated. 9 out of 10 jobs will require digital skills. (WEF, 2021)
Digitalization

1. How can TVET keep up with the rapid pace of digital developments?
2. Which digital competencies do learners need for the changing world of work?
3. How can teachers be empowered to acquire relevant digital skills?

Examples:

- Supportive environments for innovation and experimentation
  - FabLab, The Learning Factory,
  - Advanced Manufacturing 4.0 Lab

- New module or introducing digital tools in existing training
  - Bachelor Industry 4.0
  - Situation-based TVET using Virtual Reality
The transition to green economies will potentially create 24 million jobs by 2030, while 1.2 billion current jobs will also be affected in terms of the skills needed. (ILO, 2018)
Greening TVET

1. What are institutional responses to green demands?
2. How are green competencies best integrated in curricula and training regulations?
3. How to introduce green competencies in teaching & training?

Examples: Joint development of

New training content together with employers

Innovative teaching methods and teacher training approaches between different countries

Accredited training modules between different European Countries

NiB-Scout: sustainability in the bakery trade

Green Wheels: project in the automotive training sector

Greening for a Sustainable Environment: training module
Join us

• Share your expertise & key challenges

• Help us identify innovative practices with replication potential

  • Join our events:

    27-28 April: Europe-Asia Conference
    15-16 June: Europe-Africa Conference
    December: BILT Learning Forum

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