

New Qualifications and Competencies: building the future of TVET

Organized by UNESCO-UNEVOC International Centre for Technical and Vocational Education and Training and the Federal Institute for Vocational Education and Training (BIBB)

Co-hosted by the Centre for Studies and Research on Qualifications (Céreq), France; the Human Resource Development Council, Botswana; and the Human Resources Development Service of Korea

7 - 9 December 2021

Agenda Day 1

7 December 2021, 08:45 am – 12:15 pm CET

Co-hosted by Human Resource Development Council (HRDC), Botswana

Moderated by

- *Ms Ellah Matshediso, Director, Human Resource Development Planning-Demand, Human Resource Development Council (HRDC), Botswana*
- *Ms Vera Hark, BILT Project Manager, Federal Institute for Vocational Education and Training (BIBB), Germany*
- *Mr Wilson Lima Junior, BILT Project Manager, UNESCO-UNEVOC International Centre for Technical and Vocational Education and Training (UNESCO-UNEVOC)*

08:45 – 09:00 Entrance hall	Online arrival - Info desk will be open
09:00 – 09:15 Plenary hall	Welcome by UNESCO-UNEVOC • <i>Mr Friedrich Huebler, Acting Head of Office, UNESCO-UNEVOC</i> Opening remarks • <i>Ms Catrin Hannken, Deputy Director General for VET, Federal Ministry of Education and Research (BMBF), Germany</i> • <i>Mr Hubert Ertl, Director of Research, BIBB, Germany</i>
09:15 – 09:35 Plenary hall	New qualifications and competencies for future-oriented TVET Launch of the publication 'New qualifications and competencies for future-oriented TVET', introducing its rationale and framework of investigation. • <i>Mr Dieter Euler, Senior Expert of the BILT Expert Group, Professor Emeritus at the University St. Gallen, Switzerland</i>

09:45 – 10:25 Breakout rooms	Breakout sessions: Results from each publication volume on new qualifications and competencies Based on their institutional context or their area of interest, participants are invited to join one of the deep-dive sessions to discuss the core results related to macro, meso, or micro level institutions. Blue room: Macro level “TVET Governance: steering collective action” Host: <i>Mr Phil Loveder, Executive Manager, Inform and Engage, National Centre for Vocational Education Research (NCVER), Australia</i> Practice example: <i>Mr Roland Loeffler, Project Manager, Austrian Institute for Vocational Education Research (öibf), Austria</i> Orange room: Meso level “TVET Advocacy: ensuring multi-stakeholder participation” Host: <i>Mr Matteo Sgarzi, Head of Mission, International Relations, Centre for Studies and Research on Qualifications (Céreq), France</i> Practice example: <i>Ms Lina Vaitkute, Head, Qualifications Formation Unit, Qualifications and Vocational Education and Training Development Centre (KPMPC), Lithuania</i> Green room: Micro level “TVET Delivery: providing innovative solutions” Hosts: <i>Ms Kelly Shiohira, Specialist Manager, and Mr James Keevy, Chief Executive, JET Education Services, South Africa</i> Practice example: <i>Ms Christina Hong, President, Technological and Higher Education Institute (THEi), Hong Kong, China</i>
10:30 – 11:30 Plenary hall	Panel discussion - Champions for TVET: Bringing together Social Partners’ perspectives on new qualifications and competencies This session will explore the role of social partners for building strong and modern TVET systems, and their view on new qualifications and competencies and on the findings of the publication. Moderator: <i>Ms Ellah Matshediso, HRDC, Botswana</i> Speakers: • <i>Mr Edwin Anisha, Director of Research, Planning and Curriculum Development, Michael Imoudu National Institute for Labour Studies (MINILS), Nigeria</i> • <i>Ms Nazrene Mannie, Executive Director, Global Apprenticeship Network (GAN)</i> • <i>Mr Marlon Miña, Executive Director, Philippine Chamber of Commerce and Industry, Human Resources Development Foundation (PCCI HRDF), Philippines</i> • <i>Ms Antonia Wulff, Director of Research, Policy and Advocacy, Education International</i>
11:30 – 12:10 Networking Lounge	Coffee Tables ☕: Networking sessions Moderators: <i>Co-hosts, members of the NQC expert group, thematic and Regional Focal Points - UNESCO-UNEVOC</i> Participants can exchange on different topics in a relaxed atmosphere, and with the support of networking moderators. The virtual coffee tables are video meetings within the conferencing platform with a limited number of participants per table. No additional software is required. Deep-dive: Macro / Governance Level <i>Mr Roland Loeffler, öibf, Austria; Ms Vera Hark, BIBB, Germany</i> Join members of the expert group and practitioners to ask follow-up questions from the breakout sessions, discuss the findings of the NQC publication and share your challenges and lessons learned at the macro level. Deep-dive: Meso / Advocacy Level <i>Mr Matteo Sgarzi, Céreq, France; Ms Lina Vaitkute, KPMPC, Lithuania</i> Join members of the expert group and practitioners to ask follow-up questions from the breakout sessions, discuss the findings of the NQC publication and share your challenges and lessons learned at the meso level.

Deep-dive: Micro / TVET delivery Level

Ms Kelly Shiohira and Mr James Keevy, JET Education, South Africa

Join members of the expert group and practitioners to ask follow-up questions from the breakout sessions, discuss the findings of the NQC publication and share your challenges and lessons learned at the micro level.

Dual Transition: Greening & Digitalization

Ms Kenneth Barrientos, UNESCO-UNEVOC; Mr Michael Schwarz, BIBB, Germany

Introduce yourself and your organization, network with other participants interested in the Dual Transition of Greening & Digitalization in TVET and exchange your perspectives on this topic.

TVET in Africa

Mr Wouter de Regt, UNESCO-UNEVOC; Ms Ellah Matshediso, HRDC, Botswana

Introduce yourself and your organization, network with others from or interested in Africa and share your experiences and interests in the topics addressed in the BILT Learning Forum.

TVET in Asia and the Pacific

Ms Miki Nozawa, UNESCO-UNEVOC; Ms Eseul Seo,

Human Resources Development Service of Korea (HRDK), Republic of Korea

Introduce yourself and your organization, network with others from or interested in Asia and the Pacific and share your experiences and interests in the topics addressed in the BILT Learning Forum.

TVET in Europe

Ms Sarah Elson-Rogers, UNESCO-UNEVOC; Ms Anais Chartagnon, Céreq, France

Introduce yourself and your organization, network with others from or interested in Europe and share your experiences and interests in the topics addressed in the BILT Learning Forum.

Mix & Mingle

Ms Natalie Ax, UNESCO-UNEVOC; Ms Mai Tran, BIBB, Germany

Introduce yourself and your organization and connect informally with other participants.

Agenda Day 2

8 December 2021, 08:45 am – 12:15 pm CET

Co-hosted by Human Resource Development Council (HRDC), Botswana

Moderated by

- *Ms Misook Lee, Deputy Director, Global HRD Cooperation Team, Human Resources Development Service of Korea (HRDK), Republic of Korea*
- *Ms Vera Hark, BILT Project Manager, Federal Institute for Vocational Education and Training (BIBB), Germany*
- *Ms Sarah Elson-Rogers, Team Leader 'Innovation and Future of TVET', UNESCO-UNEVOC International Centre for Technical and Vocational Education and Training (UNESCO-UNEVOC)*

08:00 – 08:15 Entrance hall	Online arrival - Info desk will be open
08:15 – 08:55 Networking Lounge	Coffee Tables ☕: Networking session Moderators: <i>Co-hosts, members of the NQC expert group, thematic and Regional Focal Points - UNESCO-UNEVOC</i> Participants can exchange on different topics in a relaxed atmosphere, and with the support of networking moderators. The virtual coffee tables are video meetings within the conferencing platform with a limited number of participants per table. No additional software is required. Deep-dive: Macro / Governance Level <i>Mr Roland Loeffler, Austrian Institute for Vocational Education Research (öibf), Austria;</i> <i>Ms Vera Hark, BIBB, Germany</i> Join members of the expert group and practitioners to ask follow-up questions from the breakout sessions, discuss the findings of the NQC publication and share your challenges and lessons learned at the macro level. Deep-dive: Meso / Advocacy Level <i>Mr Matteo Sgarzi, Centre for Studies and Research on Qualifications (Céreq), France;</i> <i>Ms Lina Vaitkute, Qualifications and Vocational Education and Training Development Centre (KPMPC), Lithuania</i> Join members of the expert group and practitioners to ask follow-up questions from the breakout sessions, discuss the findings of the NQC publication and share your challenges and lessons learned at the meso level. Deep-dive: Micro / TVET delivery Level <i>Ms Kelly Shiohira and Mr James Keevy, JET Education Services, South Africa</i> Join members of the expert group and practitioners to ask follow-up questions from the breakout sessions, discuss the findings of the NQC publication and share your challenges and lessons learned at the micro level. Dual Transition: Greening & Digitalization <i>Ms Kenneth Barrientos, UNESCO-UNEVOC; Mr Michael Schwarz, BIBB, Germany</i> Introduce yourself and your organization, network with other participants interested in the Dual Transition of Greening & Digitalization in TVET and exchange your perspectives on this topic. TVET in Europe <i>Ms Sarah Elson-Rogers, UNESCO-UNEVOC; Ms Anais Chartagnon, Céreq, France</i> Introduce yourself and your organization, network with others from or interested in Europe and share your experiences and interests in the topics addressed in the BILT Learning Forum. TVET in Asia and the Pacific <i>Ms Miki Nozawa, UNESCO-UNEVOC</i> Introduce yourself and your organization, network with others from or interested in Asia and the Pacific and share your experiences and interests in the topics addressed in the BILT Learning Forum.

	TVET in Africa <i>Mr Wouter de Regt, UNESCO-UNEVOC; Ms Ellah Matshediso, Human Resource Development Planning-Demand, Human Resource Development Council (HRDC), Botswana</i> Introduce yourself and your organization, network with others from or interested in Africa and share your experiences and interests in the topics addressed in the BILT Learning Forum. Mix & Mingle <i>Ms Natalie Ax, UNESCO-UNEVOC; Ms Mai Tran, BIBB, Germany</i> Introduce yourself and your organization and connect informally with other participants.
09:00 – 11:15 Plenary hall	Opening Day 2 <i>Ms Misook Lee, HRDK, Republic of Korea</i> International Roadshow “Digital Media in TVET” International practice examples for technology-enhanced learning in TVET Live presentation of digital learning applications that demonstrate possible uses of immersive technologies in combination with suitable pedagogical approaches for teaching and learning in TVET. Moderator: <i>Ms Eva Hanau, Senior Technical Advisor, BIBB, Germany</i> Welcome remarks <i>Ms Birgit Thomann, Department Head ‘VET International’, BIBB, Germany</i> Speakers: “Virtual & Augmented Reality Learning – Transforming Training in Lift Repair & Maintenance” <i>Mr George Lau Hing Keung, Assistant Executive Director, Vocational Training Council (VTC), Hong Kong, China</i> “iVideo.education - The past, present and the future of a hypervideo platform for teaching & learning in VET” <i>Ms Francesca Amenduni, Senior Researcher, Swiss Federal University for Vocational Education and Training (SFUVET), Switzerland</i> “A virtual training environment for electricians: Planning and executing customer orders under real-world conditions” <i>Mr Harald Fleischmann, Founder, FOSH Learning, South Africa</i> Panel discussion incl. Q&A “Ensuring the long-term use of digital technologies in TVET – Opportunities, challenges & solutions” <i>Mr George Lau Hing Keung, VTC, Hong Kong, China</i> <i>Ms Francesca Amenduni, SFUVET, Switzerland</i> <i>Mr Harald Fleischmann, FOSH Learning, South Africa</i>
11:15 – 11:30 Plenary hall	Introduction to the marketplace: the BILT themes in practice Perspectives on the BILT themes from TVET practitioners in Europe, Africa and Asia-Pacific highlight the relevance of the project themes and the BILT ‘Innovation and Learning Practices’, and make a transition to the virtual marketplace. With messages from: <i>Mr Petr Dolejsi, Mobility & Sustainable Transport Director, European Automobile Manufacturers Association</i> <i>Ms Angelica S. Gonzales, Chief, TESDA Women’s Centre, Philippines</i> <i>Mr Affero Ismail, Head of Global Cooperation, Faculty of Technical and Vocational Education University Tun Hussein Onn, Malaysia</i> <i>Mr Volker Wedekind, Professor in Vocational Education, School of Education, University of Nottingham, United Kingdom</i> <i>Mr Henry Yatich, Director, Technical Support Content Development and Design, School of Business and Economics, Mount Kenya University, Kenya</i>
11:30 – 12:15 Marketplace	Marketplace: Explore examples of TVET ‘Innovation and Learning Practices’ and of the use of digital tools at the institutions’ booths. Pay the conference organizers and the co-hosts a virtual visit.

Agenda Day 3

9 December 2021, 08:45 am – 12:15 pm CET

Co-hosted by Centre for Studies and Research on Qualifications (Céreq), France

Moderated by

- *Mr Matteo Sgarzi, Head of Mission, International Relations, Céreq, France*
- *Ms Vera Hark, BILT Project Manager, Federal Institute for Vocational Education and Training (BIBB), Germany*
- *Mr Wilson Lima Junior, BILT Project Manager, UNESCO-UNEVOC International Centre for Technical and Vocational Education and Training (UNESCO-UNEVOC)*

08:00 – 08:15 Entrance hall	Online arrival - Info desk will be open
08:15 – 09:00 Marketplace	Marketplace: Explore examples of TVET 'Innovation and Learning Practices' and of the use of digital tools at the institutions' booths. Pay the conference organizers and the co-hosts a virtual visit.
09:00 – 09:30 Plenary hall	Opening Day 3 • <i>Mr Matteo Sgarzi, Céreq, France</i> Keynote: The dual transition 'Greening and Digitalization' as a priority for TVET • <i>Mr Borhene Chakroun, Director, Division for Policies and Lifelong Learning Systems, UNESCO Education Sector</i> • <i>Ms Barbara Ofstad, People & Organization, Industrial Relations & Employment Conditions, Siemens Professional Education</i>
09:30 – 10:00 Plenary hall	BILT Agenda 2025: An agenda for innovative TVET BMBF, BIBB and UNESCO-UNEVOC will present the BILT Agenda 2022-2025 and invite UNEVOC Centres to comment. • <i>Mr Oliver Diehl, Deputy Head of Division 'Innovation in Vocational Training', Federal Ministry of Education and Research (BMBF), Germany</i> • <i>Mr Michael Wiechert, Head of Division 'International Advisory Services', BIBB, Germany</i> • <i>Ms Sarah Elson-Rogers, UNESCO-UNEVOC</i>
10:00 – 11:00 Plenary hall	Panel discussion: The Future of TVET and the BILT themes Building on the BILT agenda 2025 and based on the results of recent research initiatives on the future of TVET, the speakers will explore what issues and questions will be high up on the TVET agenda during the upcoming years. Special attention will be paid to the need for new qualifications and competencies for greening and digitalization. Moderator: <i>Mr Matteo Sgarzi, Céreq, France</i> Speakers: • <i>Stephanie Allais, Research Chair: Skills Development, Centre for Researching Education and Labour, School of Education, University of the Witwatersrand, South Africa</i> • <i>Mr Jens Bjørnåvold, Senior Expert, European Centre for the Development of Vocational Training (Cedefop)</i> • <i>Mr Basheerhamad Shadrach, BILT Research Consultant for Asia, India</i> • <i>Ms Marieke Vandeweyer, Senior Policy Analyst, Organisation for Economic Co-operation and Development (OECD)</i>
11:00 – 11:15 Plenary hall	Closing <i>Mr Friedrich Huebler, Acting Head of Office, UNESCO-UNEVOC</i>



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