



UNESCO-UNEVOC in Action

Biennial Report 2012-2013



United Nations
Educational, Scientific and
Cultural Organization



International Centre
for Technical and Vocational
Education and Training

action



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Table of contents

- 5 Preface
- 7 Overview
- 11 **UNESCO-UNEVOC at a glance**
- 12 TVET and the world of work
- 13 UNESCO Strategy for TVET
- 14 The Third International TVET Congress
- 16 **UNESCO-UNEVOC's thematic priorities**
- 17 Greening TVET for sustainable development
- 20 Youth and skills
- 25 **UNESCO-UNEVOC's action for capacity development**
- 27 Highlights of 2012
- 29 Highlights of 2013
- 32 **The UNEVOC Network**
- 34 UNEVOC Network clusters
- 37 Introducing new members
- 41 **UNESCO-UNEVOC's action for knowledge management and resource development**
- 42 Publications
- 44 Online services
- 50 **Partnerships and international collaboration**
- 52 Highlights 2012/2013
- 55 Collaboration with UNESCO Headquarters, Field Offices and Institutes
- 60 Activities with regional and international partners
- 66 **Engagement with the host country**
- 70 **Inside UNESCO-UNEVOC**
- 70 Staffing
- 73 Financial report
- 76 Appendix: List of visitors to the UNESCO-UNEVOC International Centre



Pref



It is with great pleasure that I share with you the 2012-2013 Biennial Report of the UNESCO-UNEVOC International Centre for Technical and Vocational Education and Training. Fundamental to the past two years has been the Third International TVET Congress in Shanghai in 2012. This Congress was a major milestone for TVET and international cooperation after the influential Seoul Congress in the Republic of Korea in 1999. It provided a unique global platform for practitioners, experts and policy makers from around the world to share knowledge and reflect on the future of TVET. The recommendations that followed this congress have been guiding our work since then. In response to the Congress recommendations and the call for evidence-based policies and practices, highlights were the 2012 International Forum, and the various regional fora held across the world in 2013, where UNEVOC Centres shared promising practices in the areas of greening TVET and youth and skills.

High levels of youth unemployment caused by a growing mismatch between the supply and demand for skills continue to be a concern for many countries across the world. Globally, there is growing recognition that its orientation towards the world of work and the acquisition of employable skills means that TVET is well placed to overcome the skills mismatches that have impeded smooth transitions from education to work for many young people. At the same time, the urgency to respond to global environmental challenges has become more pressing and pushes for TVET to engage more systemically with these concerns.

With TVET being more and more recognized as the 'master key' to alleviate poverty and help achieve sustainable development, we intensified our activities in all regions of the world and boosted the capacity of the UNEVOC Network by extending ownership of the planning and implementation of its work to the UNEVOC Centres. The introduction of UNEVOC Network clusters enabled better communications and effective coordination of the work. Determined in consultation with UNEVOC Network members, two thematic priorities formed the basis of the Centre's major activities in 2013: youth and skills, and greening TVET.

In a global society where face-to-face meetings are supplemented by active online communities that facilitate knowledge sharing and capacity development, we built upon our existing online services, and introduced a number of new tools to contribute to greater knowledge sharing and facilitate 'virtual networking'. The e-Forum community has continued to grow, and we have worked intensively on collecting resources and making these easily accessible and available online.

There is a realization that TVET and skills development is a multi-sectorial endeavour and requires multi-stakeholder partnership where each brings a perspective and comparative advantages. Therefore, all of our work has been carried out in close collaboration with UNESCO headquarters and field offices, and UNESCO-UNEVOC intensified activities in collaboration with the private sector, NGOs, universities. Major efforts were put into reinforcing partnerships and collaborations with its host country Germany. On behalf of UNESCO-UNEVOC, I extend my sincere gratitude to the Federal Government of Germany for the generous hosting and funding provided to the Centre and look forward to intensifying our joint efforts in advancing TVET for a sustainable future.

Shyamal Majumdar
Head of UNESCO-UNEVOC

ace



Over



This biennial report provides a comprehensive overview of UNESCO-UNEVOC's activities in technical and vocational education and training in 2012-2013. It illustrates UNESCO-UNEVOC's contributions to the UNESCO 36 C/5 sectoral priorities and programmatic objectives¹. Specifically, UNESCO-UNEVOC contributed to the biennial sectoral priority in Education which focused on "scaling up equity, inclusion and quality in education and lifelong learning for sustainable development and a culture of peace and non-violence". UNESCO-UNEVOC contributed to the acceleration of progress towards Education for All (EFA) and education for sustainable development (ESD). The report indicates how the UNESCO-UNEVOC has helped to improve TVET in UNESCO Member States and serves as an information document for those interested in the work of the Centre. We hope that the readers will find the report useful for their work.

This biennium was a crucial one for TVET in UNESCO. Highlights included the Third International TVET Congress in Shanghai, China, organized by UNESCO, and a follow-up meeting at UNESCO-UNEVOC in Bonn on the occasion of its 10-year anniversary. The Third TVET Congress was attended by more than 500 practitioners, experts and policy makers and resulted in a set of important recommendations – the Shanghai Consensus – that has guided the work of UNESCO-UNEVOC and its global network in the second half of the biennium.

As in previous years, UNESCO-UNEVOC undertook a range of activities promoting TVET development in all regions of the world. In response to the Shanghai Consensus, UNESCO-UNEVOC placed emphasis on capacitating the UNEVOC Network and engaging its members to shape the Centre's work and activities. Network members identified youth and skills, with a specific focus on school-to-work transitions and entrepreneurship, and greening TVET, with a specific focus on teacher training and curriculum development, as crucial themes for all regions and developed a plan of action for the second half of the biennium. This most notably included the organization of a series of regional meetings in San José (Costa Rica), Seoul (Republic of Korea), Abuja (Nigeria), Moscow (Russian Federation) and Beirut (Lebanon) that brought together UNEVOC Centre representatives, national, regional and international organizations to showcase innovative practices in TVET.

UNESCO-UNEVOC highly values the cooperation with its partners worldwide and works closely together with all other entities within UNESCO and relevant institutions such as specialized international and regional agencies, donors, national institutions and the private sector. The Centre holds close collaboration with the host country Germany, which is vital for achieving its objectives. UNESCO-UNEVOC would like to thank all partners for their continued support.

Detailed information about the many activities that the UNESCO-UNEVOC International Centre undertook in 2012-2013 can be found in this report, as well as on the UNESCO-UNEVOC website www.unevoc.unesco.org.

view

1 UNESCO's Programme and Budget for 2012-2013 (36C/5) translates the programmatic objectives, policy directions and focus provided by the Medium-Term Strategy for 2008-2013 (document 34 C/4) into concrete thematic and policy-style approaches for the five Programme Sectors of UNESCO (Education, Natural Sciences, Social and Human Sciences, Culture, Communication and Information). The Programme and Budget of the Organisation (document C/5) is approved every two years by the UNESCO General Conference.



As a follow-up on the recommendations of the Third TVET Congress and in line with UNESCO's Comprehensive Partnership Strategy, the UNEVOC Network has been regrouped into sub-regional clusters. The role of UNEVOC Centres was redefined to enhance the quality and effectiveness of the UNEVOC Network.



Co-organizing 14 conferences, seminars and workshops in which more than 700 TVET professionals from all five regions (Africa, Arab States, Asia and the Pacific, Europe and North America and Latin America and the Caribbean) participated. Important challenges currently facing TVET systems, including youth employability and sustainable development, were high on the agenda in all of these events.

Achievements for 2012-2013 include:

Advancing knowledge sharing and discussion among TVET policy makers, practitioners and researchers through the further expansion of the e-Forum community to 3250 members from 174 countries, a membership increase of 67 % compared to the previous biennium. In addition to the ongoing discussions, UNESCO-UNEVOC organized six virtual conferences attracting more than 1200 participants in total and covering, among others, the topics of greening TVET, youth unemployment and ICTs and TVET.





The organization of five regional meetings, all hosted by members of the UNEVOC Network. Attracting over 370 representatives and TVET experts from UNEVOC Centres, and national, regional and international organizations from 89 countries, these meetings provided the opportunity to showcase promising practices in TVET and exchange experience towards advancing TVET for youth employability and sustainable development.



The launch of the World TVET Database, an online repository that aims to provide concise, reliable and up-to-date information on TVET systems worldwide in one single place. 50 country reports were compiled and became available in 2012-2013.



The promotion of promising practices in TVET through an extensive publications programme, a Knowledge Management Centre featuring over 4000 publications, and a resourceful website with a new design. During the biennium, six publications were published on a broad range of TVET topics, as well a number of informational materials. In addition, the development of an online database of promising practices has been initiated and steps were taken to reconceptualize TVETipedia to become a central source of TVET terminologies and their definitions.



UNESCO-UNEVOC

at



UNESCO-UNEVOC assists UNESCO's Member States to strengthen and upgrade their TVET systems. It is a key component of UNESCO's international programme on TVET, and was established in 2000 and inaugurated in 2002 in Bonn.

UNESCO-UNEVOC focuses particularly on contributing to the overarching UNESCO goals in TVET, namely the development of TVET worldwide, by assisting Member States to develop policies and practices concerning education for the world of work and skills development for employability and citizenship, to achieve:

- access for all
- high quality, relevant and effective programmes
- learning opportunities throughout life.

The work of UNESCO-UNEVOC focuses on meeting the needs of developing countries, countries in transition and those in a post-conflict situation, especially for youth, girls and women, and the disadvantaged.

To achieve its aims, UNESCO-UNEVOC uses tools such as:

- advocacy and capacity development
- knowledge sharing and publications
- international collaboration and partnerships
- global networking through the UNEVOC Network

UNESCO-UNEVOC is the hub of the UNEVOC Network, a worldwide network comprising TVET institutions serving as focal points in the provision of services for international and regional cooperation in TVET.

a glance

»We are witnessing a young generation frustrated by the chronic mismatch between skills and work. The best answer to the economic downturn and youth unemployment is to ensure that young people acquire the basic skills and relevant training they need to enter the world of work with confidence.«

Irina Bokova, Director-General of UNESCO (2012)

TVET and the world of work

TVET refers to a range of learning experiences that are relevant to the world of work and take place in a variety of learning contexts, including in the formal, non-formal and informal sector. A fundamental purpose of TVET is to equip people with capabilities that can broaden their opportunities in life. TVET can play an important role in preparing young people for the world of work and provide them with the skills necessary to find decent (self-)employment.

Never before have skills development and TVET been so high on countries' policy agendas and central to international debates. A well-educated population contributes to a country's competitiveness, prosperity and social inclusion.

Conversely, a poorly-skilled population and skills mismatches and shortages are considered costly as they translate into economic disadvantages, political instability and high unemployment, particularly among youth.

TVET can only be as dynamic as the economies and communities it serves. Regardless of specific issues, there is a need for the comprehensive enhancement of national capacity in TVET development. UNESCO-UNEVOC has the unique mandate of promoting and supporting countries to implement TVET that is relevant, lifelong and accessible to all.



UNESCO Strategy for TVET

Through its orientation towards the world of work and the acquisition of skills, TVET can play an essential role in promoting a country's economic growth and contribute to poverty reduction.

Skills development for the world of work has been defined as one of four priority areas of UNESCO's education programme, along with literacy, teachers and sector-wide education plans. TVET is seen as an integral part of the Education for All (EFA) initiative, especially with regard to goal 3 relating to the development of 'appropriate learning and life skills.' Through its orientation towards the world of work and the acquisition of hands-on skills, TVET can play an essential role in promoting a country's economic growth and contribute to poverty reduction.

All activities of UNESCO in this area are undertaken in the context of its TVET Strategy, which was developed in 2009 and guides the organization's work in the years 2010 to 2015. In line with

the Strategy, UNESCO-UNEVOC is dedicated to promoting TVET and skills development for the world of work within the broader framework of lifelong learning. Based on the three core areas identified in the Strategy, UNESCO-UNEVOC focuses its actions on:

- provision of upstream policy advice and related capacity development;
- clarification of the concept of skills development and improvement of monitoring; and
- clearinghouse-related actions and informing the global TVET debate.

The Third International TVET Congress

13 to 16 May 2012, Shanghai, People's Republic of China



The Shanghai Consensus: Recommendations of the Third International Congress on Technical and Vocational Education and Training 'Transforming TVET: Building skills for work and life.'

Building on the Second International Congress on TVET which took place in 1999 in Seoul, Republic of Korea, and the UNESCO Strategy for TVET, the Third International Congress on TVET was organized to take stock of the developments since Seoul, and aimed to identify and analyse current and future challenges facing TVET and explore appropriate responses; build better understanding of and share knowledge on improving the contributions of TVET to sustainable development; and inform perspectives for international cooperation in the field and define strategic directions for future work and support to TVET at national, regional and international levels. UNESCO-UNEVOC was deeply involved in developing the agenda and background paper in collaboration with UNESCO Headquarters. From 13 to 16 May 2012, more than 500 practitioners, experts and policy makers from 107 countries convened in Shanghai, People's Republic of China, to share knowledge and reflect on the future of TVET. Spanning over three days, various plenary, special and roundtable sessions were held on a wide range of topics related to global TVET development. Participants concluded that the development of TVET should be a top priority in the quest to build inclusive and greener societies and tackle global unemployment.

Alongside participation in various sessions at the Congress, UNESCO-UNEVOC organized a roundtable session on skills for sustainable development, together with Interagency Working Group on Greening TVET and Skills Development representatives, and brought together 30 UNEVOC Centres from all regions in a special session on 'Strengthening the UNEVOC Network'.

The TVET Congress resulted in the adoption of the Shanghai Consensus, a set of recommendations made by the congress participants that also highlights the important role of the UNEVOC Network in making TVET more relevant by better identifying skills needs, incorporating information and communication technologies (ICT) and education for green economies, and ensuring the right people are involved in designing and governing TVET.

For more information:

Shanghai Consensus

<http://unesdoc.unesco.org/images/0021/002176/217683e.pdf>

General report

http://www.unesco.org/new/fileadmin/MULTIMEDIA/HQ/ED/pdf/Final_General_Report_English.pdf

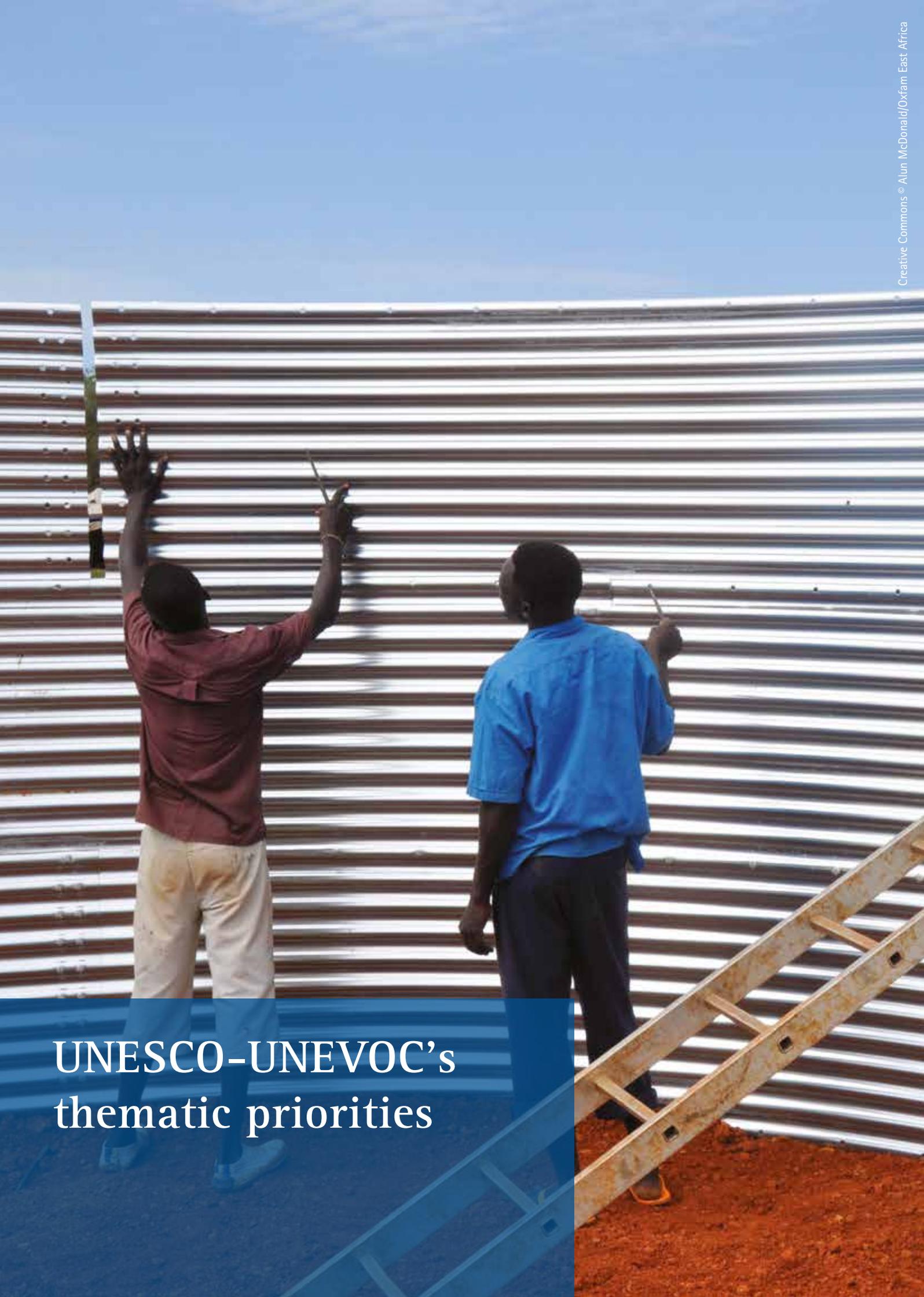
Right: Assistant Director-General for Education Qian Tang during Education Leaders Forum.

Lower: Director-General of UNESCO, Irina Bokova, at the Third International TVET Congress.



Microsoft Leadership Forum and UNEVOC Network meeting during Third TVET Congress

As a post-congress event, Microsoft organized the Education Leaders Forum, hosted jointly by UNESCO, UNESCO-UNEVOC, Microsoft, Nokia, Promethean and the Open University. The side event brought together education policy makers, experts and technology industry representatives as well as representatives from 30 UNEVOC Centres for a regional debate on the opportunities and challenges related to ICT and TVET.



UNESCO-UNEVOC's thematic priorities

Greening TVET for sustainable development

Technological and societal developments and growing concerns about climate change, environmental degradation and scarcity of resources are changing nature of work and demand that TVET develop skills and provide knowledge to pave the way towards a green economy and green societies. UNESCO-UNEVOC supports this process by promoting a methodological and systemic approach to changing jobs and skill demands, and helps TVET institutions develop their capacity to produce a workforce that matches evolving market requirements. Because of the importance and urgency of these concerns, the topic of greening TVET was also selected by Members of the UNEVOC Network as a priority theme, cutting across much of UNESCO-UNEVOC's work during the biennium.

Within the UN Decade of Education for Sustainable Development (ESD), UNESCO-UNEVOC promotes the implementation of Greening TVET (GTJET) by developing institutional capacities of the global UNEVOC Network through advocacy programmes and related activities, and by facilitating knowledge exchange and resource development.

As an active member of the Interagency Working Group (IAWG) on Greening TVET and Skills Development, UNESCO-UNEVOC takes part in inter-agency cooperation that brings together expertise from a wide range of international organizations to support initiatives for GTJET and skills development. This is done through awareness raising and advocacy, sharing and disseminating good practices, knowledge and expertise, and promoting the necessary capacities in TVET and skills development for a rapid and equitable shift to greener economies and sustainable societies. The IAWG collaborated to develop a set of policy recommendations to advise the G20 governments on meeting skills needs for green jobs at the request of the G20 Development Working Group (DWG) on the Human Resources Development (HRD) Pillar.

The transformation towards a green economy and sustainable societies calls for a holistic approach and – in a three-tier approach, it should take into consideration global, national and institutional levels: at the global level, UNESCO-UNEVOC fosters international cooperation to elaborate tools and methods supporting green growth. At the national level, UNESCO-UNEVOC offers assistance to establish regulations and frameworks to initiate and implement a sustainable greening process. At the institutional level, the support focuses on activities and measures needed for an integrated, balanced and inclusive whole-institution development approach to GTJET.

Within the UN Decade of Education for Sustainable Development (ESD), UNESCO-UNEVOC promotes the implementation of Greening TVET by developing institutional capacities of the global UNEVOC Network.



Interagency working group Greening TVET and Skills Development

The Interagency Working Group on Greening TVET and Skills Development brings together international agencies and relevant stakeholders working on TVET, skills development and green transformation of the society and the economy to address the sustainable development challenges in TVET that require coordinated action, in particular with regard to post-2015 measures.

The working group consists of the following eight agencies:

UNESCO-UNEVOC

Asian Development Bank (ADB)

European Centre for the Development of Vocational Training (Cedefop)

European Training Foundation (ETF)

International Labour Organization (ILO)

Organisation for Economic Co-operation and Development (OECD)

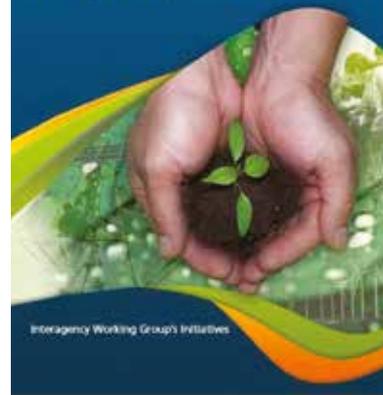
United Nations Institute for Training and Research (UNITAR)

United Nations Economic Commission for Europe (UNECE)



In order to promote GTVET, UNESCO-UNEVOC carried out a number of activities in 2012-2013, including:

- the initiative to develop a framework on GTVET to even the path to a sustainable future and give recommendations to strengthen and further develop the greening process globally beyond the deadline of the ESD Decade in 2014. The framework will be presented at the ESD conference in Japan in November 2014.
- the five regional UNEVOC Network forums held in Africa, the Arab States, Asia and the Pacific, Europe and North America, and Latin America and the Caribbean on "Advancing TVET for Youth Employability and Sustainable Development". They provided a platform to share evidence-based examples of Promising Practices in greening TVET and contributed to advancing programmes and projects to integrate green skills relevant for a sustainable economy.
- two virtual conferences on GTVET that were held on UNESCO-UNEVOC's e-Forum. The first conference underlined the importance of ESD and clarified the need for integrating green skills into curricula and training programmes. The second conference focused on qualifications needs and implementation strategies in GTVET.
- a booklet on *Skills Challenges in the Water and Wastewater Industry: Contemporary Issues and Practical Approaches in TVET*, which was published by UNESCO-UNEVOC in 2012. The development of further resource materials, mainly on renewable energy, is underway to advance the implementation of GTVET.



The information leaflet on "Greening Technical Vocational Education and Training (TVET) and Skills Development: Challenges and Opportunities" provides an overview of the work of the different agencies that are part of the interagency working group.

Three-Tier approach

Institutional Level

- Transforming institutions
- A whole institutional approach
- Strengthening local initiative
- Capacity development at institutional level

National Level

- Coherent and coordinated policies for green growth
- National sustainable development strategy
- Strengthening partnership between stakeholders

Global Level

- Sharing evidence-based policy and practices
- Facilitating interagency cooperation
- Supporting capacity building and research



Youth and skills

To have a significant effect on youth employment outcomes in an era of rapid technological change and globalization, TVET systems across the globe need to adapt, adjust or even transform themselves.

Across the world in the last decade youth employment rates have fallen. According to some recent figures from the ILO, young people are now three times more likely than adults to be unemployed². Some regions, such as the Arab States and a few countries in the south of Europe, are more affected than others. However, even in the rich, most industrialized OECD countries, more than one in eight of all 15- to 24-year-olds are not in employment, education, or training (NEET).

One of the main reasons for high youth unemployment globally is a growing mismatch between the supply and demand for skills, which is disproportionately affecting young people, particularly in developing countries. This skills mismatch can take different forms: some countries for example may experience an excess supply of skilled workers with a shortage of skilled jobs; in others young people may simply lack the basic skills, e.g. literacy and numeracy skills, which would enable them to find jobs or start their own business.

Since young people comprise a large and growing proportion of the world's working-age population, their employment prospects affect future economic growth. And of course, prolonged unemployment can have a devastating effect on young people's economic and personal welfare and self-esteem.

UNESCO-UNEVOC believes that TVET has a key role to play in tackling youth unemployment. TVET's orientation towards the world of work and the acquisition of employable skills means that it is well placed to overcome the skills mismatches that have impeded smooth education to employment transitions for many young people.

However, to have a significant effect on youth employment in an era of rapid technological change and globalization, TVET systems across the world need to adapt, adjust or even transform themselves. What would this transformation look like in practice? What should be the role of governments, the private sector and civil society in contributing to improved TVET quality and access? What changes would need to be made in terms of TVET programme content and structure? In what ways would TVET structures and processes need to alter to support these objectives? And how can we ensure that the voice and opinions of young people are heard and taken account of?

Because of the importance and urgency of these questions for policy makers and practitioners in most countries where the UNEVOC Network is present, the topic of youth and skills was selected by Members of the UNEVOC Network as a priority theme, cutting across much of UNESCO-UNEVOC's work during the biennium. Within the broader theme of skills for young people, UNESCO-UNEVOC's work has focused in particular on school-to-work transition and entrepreneurship education.

In the context of this thematic priority, UNESCO-UNEVOC has been collecting TVET promising practices from UNEVOC Centres and other partner organizations that aim to address issues related to unemployment and skilling of young people. Some of these promising practices have already been presented and discussed in the five regional forums held in 2013. Following a rigorous review process some of them will also feature in a new online database of promising practices in 2014.

Using the e-Forum platform, UNESCO-UNEVOC also organized a virtual conference on how TVET can address the challenge of youth unemployment. The virtual conference gave the opportunity to over 300 TVET experts, researchers, students and graduates to share experiences and contribute innovative ideas and good practices from their



² International Labour Organisation (2012) *The Youth Employment Crisis: Highlights of the 2012 ILC Report* Geneva: ILO.

country or region that have contributed to enhancing youth employability. The synthesis report summarizing the discussion of this virtual conference is available on the UNESCO-UNEVOC website.

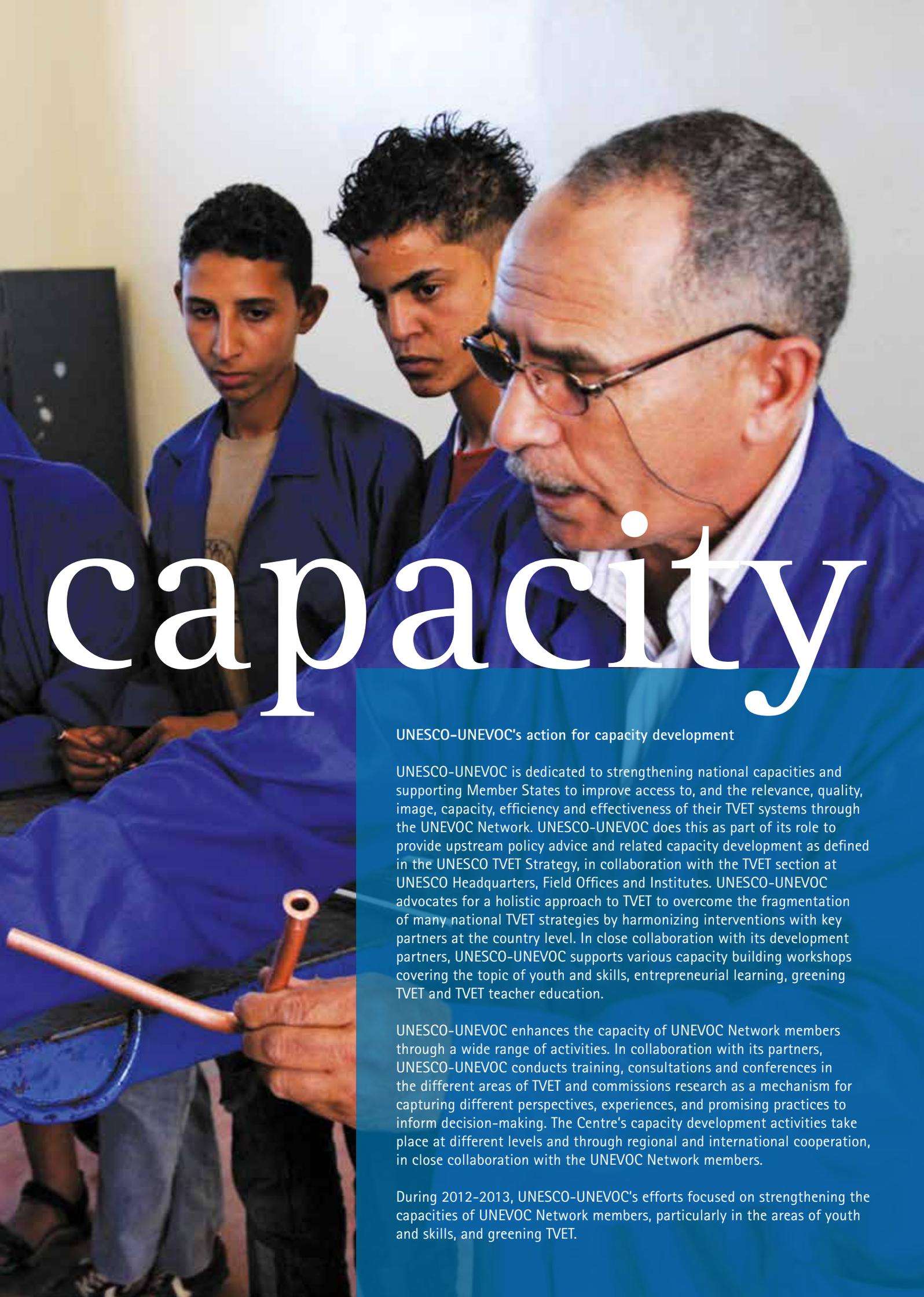
Youth and skills: Putting education to work

The EFA Global Monitoring Report aims to inform, influence and sustain genuine commitment towards Education for All and it is the prime instrument to access global progress towards achieving the six EFA goals agreed in the World Education Forum in April 2000. The 2012 report was on youth and skills, and explored how to improve young people's opportunities for decent jobs and capabilities for a better life. The report provides statistics on all levels of education in more than 200 countries and territories, illustrating the progress towards the six EFA goals, and towards spending on education to finance the goals, particularly paying attention to the skills needs of young people around the globe.





Building



capacity

UNESCO-UNEVOC's action for capacity development

UNESCO-UNEVOC is dedicated to strengthening national capacities and supporting Member States to improve access to, and the relevance, quality, image, capacity, efficiency and effectiveness of their TVET systems through the UNEVOC Network. UNESCO-UNEVOC does this as part of its role to provide upstream policy advice and related capacity development as defined in the UNESCO TVET Strategy, in collaboration with the TVET section at UNESCO Headquarters, Field Offices and Institutes. UNESCO-UNEVOC advocates for a holistic approach to TVET to overcome the fragmentation of many national TVET strategies by harmonizing interventions with key partners at the country level. In close collaboration with its development partners, UNESCO-UNEVOC supports various capacity building workshops covering the topic of youth and skills, entrepreneurial learning, greening TVET and TVET teacher education.

UNESCO-UNEVOC enhances the capacity of UNEVOC Network members through a wide range of activities. In collaboration with its partners, UNESCO-UNEVOC conducts training, consultations and conferences in the different areas of TVET and commissions research as a mechanism for capturing different perspectives, experiences, and promising practices to inform decision-making. The Centre's capacity development activities take place at different levels and through regional and international cooperation, in close collaboration with the UNEVOC Network members.

During 2012-2013, UNESCO-UNEVOC's efforts focused on strengthening the capacities of UNEVOC Network members, particularly in the areas of youth and skills, and greening TVET.

UNESCO-UNEVOC's action for capacity development

Overview of capacity development activities organized in 2012–2013

Title of activity	Number of participants	Number of countries
Microsoft education leaders forum during Third International TVET Congress <i>17 May 2012, Shanghai, China</i>	60	26
Capacity building regional workshop for UNEVOC Centres in the Arab States <i>2-4 July 2012, Amman, Jordan</i>	26	10
Meeting of coordinators of UNEVOC Network cluster centres <i>12-14 September 2012, Bonn, Germany</i>	34	35
The role of the UNEVOC Network in transforming TVET for a sustainable future <i>14-16 November 2012, Bonn, Germany</i>	120	55
Regional workshop on entrepreneurship education in the Kingdom of Bahrain <i>10-12 December 2012, Manama, Bahrain</i>	66	19
Regional consultation workshops on regional plan of action <i>18-21 March 2013 and 17 April, Bonn, Germany</i>	16	16
Latin America and the Caribbean Regional Forum on advancing TVET for youth employability and sustainable development <i>27-28 August 2013</i>	35	16
Asia and Pacific Regional Forum on advancing TVET for youth employability and sustainable development <i>4-6 September 2013, Seoul, Republic of Korea</i>	56	22
Africa Regional Forum on advancing TVET for youth employability and sustainable development <i>16-18 September 2013, Abuja, Nigeria</i>	150	15
Europe and North America Regional Forum on advancing TVET for youth employability and sustainable development <i>28-29 October 2013, Moscow, Russian Federation</i>	107	22
Arab States regional expert meeting on promising practices in TVET and entrepreneurship education <i>19-21 November 2013, Beirut, Lebanon</i>	31	14

Highlights of 2012



Capacity Building Regional Workshop for UNEVOC Centres in the Arab States

2 to 4 July 2012, Amman, Jordan

As a follow-up to the Third International Congress on TVET and the TVET Regional Expert Meeting (Muscat, March 2012), UNESCO-UNEVOC organized, in collaboration with the UNESCO offices in Beirut and Amman and the National Centre for Human Resources Development Jordan (NCHRD), a Capacity Building Regional Workshop for UNEVOC Centres in the Arab States, which took place in Amman, Jordan, from 2 to 4 July 2012. UNESCO-UNEVOC was represented by Teeluck Bhuwanee, Head of the UNEVOC Network.

The aim of this workshop was to reposition the role of UNESCO-UNEVOC in the Arab States, and consider the present roles and responsibilities of the national UNEVOC Centres in the region. The workshop brought a review and a clarification on the respective roles and responsibilities of the national UNEVOC Centres as part of the global UNEVOC Network and the role they are playing in the Arab region.

During the meeting, experiences were shared among participants on good practices in different parts of the region. Participants raised the question of regional integration through better cooperation among countries and the development of synergies between UNESCO Field Offices, UNESCO-UNEVOC and the individual UNEVOC Centres. Among the participants were the directors and deans of UNEVOC Centres in the Arab region, programme specialists responsible for education and TVET from the UNESCO Regional Bureau Beirut and other UNESCO Field Offices in the Arab region, representing Egypt, Iraq, Jordan, Lebanon, Libya, Oman, Qatar, Sudan, Tunisia and Yemen.

Meeting of Coordinators of UNEVOC Network Cluster Centres

12 to 14 September 2012, Bonn, Germany

From 12 to 14 September 2012, UNESCO-UNEVOC organized a meeting of coordinators of UNEVOC Network Cluster Centres in Bonn, Germany. The meeting brought together 30 UNEVOC Centres from all regions, as well as representatives from the regional UNESCO offices in Beirut, Santiago and Bangkok. The objective of the meeting was to elaborate on the specific role of the newly identified coordinators, to discuss ways of keeping the network responsive and dynamic, modalities to organize activities at the sub-regional level, and ways for more efficient information flow on the activities of the Centres with the aim of improving national, regional and global policy processes in TVET development.

In an opening speech, Mmantsetsa Marope, Director of the Division for Basic Learning and Skills Development at UNESCO, stressed the important role of the UNEVOC Network in advocating for high-quality TVET that is relevant, inclusive and lifelong. Marope also urged for the necessity to cooperate and interact with each other in order to place TVET higher on the agenda of the Member States, and called for the support of the UNEVOC Network members in revitalizing and strengthening the Network.

During the three-day meeting, the various sessions focused on developing the roles and tasks of cluster coordinators, gaining an understanding of the diverse TVET challenges faced in the regions, and informing the Network members about UNEVOC's online services. Central to the meeting was also the validation of the new Network strategy by cluster coordinators. The meeting provided an excellent opportunity to discuss the potential and strengths of the global Network, and the mechanisms for further strengthening it through closer collaboration among the UNEVOC Network members.

The objective of the meeting was to elaborate on the specific role of the newly identified coordinators, to discuss ways of keeping the network responsive and dynamic, modalities to organize activities at the sub-regional level, and ways for more efficient information flow on the activities of the Centres.





The forum highlighted that cluster coordinators, representing the five UNESCO regions, play a key role in strengthening the Network and advocating for quality TVET in their respective clusters.



The role of the UNEVOC Network in transforming TVET for a sustainable future

12-14 November 2012, Bonn, Germany

During the three-day International Forum, over 120 delegates from over 55 countries, including representatives from 53 UNEVOC Centres, gathered in Bonn to share their knowledge and reaffirm their commitment to TVET development worldwide as a follow-up to the UNESCO TVET Congress in Shanghai. Delegates included members of the UNEVOC Network, representatives from international organizations as well as high-level representatives from UNESCO-UNEVOC's partners in Germany. Dr Michael Worbs, German Ambassador to UNESCO, presented a keynote speech in which he stressed the importance of investing in TVET to empower individuals to become active members of society. Key issues in TVET were discussed, with a focus on the importance of empowering teachers and the need to transform TVET for a greener future. Through presentations and panel discussions, emphasis was placed on the recommendations of the Third TVET Congress and the revamping of the UNEVOC Network. It was highlighted that cluster coordinators, representing the five UNESCO regions, play a key role in strengthening the Network and advocating for quality TVET in their respective clusters. The Interagency Working Group on Greening TVET and Skills Development also contributed their knowledge and understanding in a special panel discussion on Greening TVET.

The overarching emphasis of the forum was on the role of partnerships and networking in global TVET development. A panel discussion with UNESCO Chairs highlighted the need to involve relevant stakeholders in the effort to improve TVET. The different regions participated in working group discussion to exchange experiences and construct future plans for regional coordination and cooperation. All participants acknowledged that collaboration and communication among the different clusters plays an important role in TVET development. This forum provided a great opportunity for increasing the outreach of the UNEVOC Network to play a stronger role in improving the quality of TVET around the world.

One decade of UNESCO-UNEVOC

Originally started as a UNESCO-funded TVET project in Berlin in the 1990s, UNESCO-UNEVOC was formally inaugurated at the UN premises in Bonn in 2002, and celebrated its ten-year anniversary in 2012. To commemorate this milestone, UNESCO-UNEVOC organized a number of events, most notably the International Forum on the role of the UNEVOC Network in transforming TVET for a sustainable future. On the occasion of its anniversary, UNESCO-UNEVOC also published the book "Transforming TVET – from idea to action. One decade of UNESCO-UNEVOC". This special publication retraces its activities over the last decade, in order to reflect on past achievements, present ongoing projects and look towards the future. The brochure provides information on UNESCO-UNEVOC's aims, actions and themes. It also features the winning photos of the photo competition "Work has many faces" which was initiated earlier in 2012 to show the different faces of learning and working people throughout the world.

Highlights of 2013

Cluster coordinators from Africa and Asia and the Pacific during the regional consultation workshop.

Regional Consultation Workshops on regional plan of action

*Africa, Asia and Pacific, Latin America and Caribbean Cluster: 18 to 21 March 2013
Europe and North-America Cluster: 17 April 2013*

As a follow-up to the International Forum recommendations, a series of regional consultation workshops in the first quarter of 2013 brought together cluster coordinators in Bonn to identify key priorities for 2013 and develop a plan of action.

The workshops aimed at discussing the modalities of improving communication, strengthening collaboration and enhancing the capacity of the UNEVOC Network in all regions. Specifically, the objectives of the meeting were to agree on the thematic priorities for 2013 in each region; identify and determine ways and means of producing promising practices on these thematic priorities; to determine a plan of action for the regional conferences to be held in each region; and to discuss issues, concerns and challenges related to Network consolidation.

Various group sessions were organized. They revolved around the role of the coordinators in identifying and gathering evidence of promising TVET policies and practices. In small group sessions, coordinators were requested to share recent initiatives undertaken in their respective clusters and identify regional priorities. The workshop also provided the opportunity for Network members to share their concerns and suggestions with regard to coordinating the global UNEVOC Network.

During the meeting, the thematic foci and themes for 2013 were agreed on, namely:



- youth and skills, with a focus on school-to-work transitions and entrepreneurship; and
- greening TVET, with a focus on teacher training and curriculum development

Cluster coordinators from the Europe and North America Cluster with staff from UNESCO-UNEVOC.

These themes guided the work of the cluster coordinators and UNESCO-UNEVOC in gathering promising practices and towards the organization of regional fora that were held later in 2013.



Regional fora on advancing TVET for youth employability and sustainable development

To strengthen global and regional efforts to transform TVET through the UNEVOC Network, UNESCO-UNEVOC organized a series of conferences in each region of the world. They were organized following the recommendations outlined in the Shanghai Consensus, in which the role of the UNEVOC Network is highlighted as playing a key role in developing the capacities of TVET decision-makers and practitioners, and facilitating the involvement of all stakeholders in the transformation and development of TVET across the globe.

The primary objectives of the meetings were to:

- provide a platform to showcase innovative and evidence-based regional promising practices in the fields of greening TVET and youth employment;
- address the topics greening TVET and youth employment through high-level international and regional expertise and panel discussions;
- reinforce regional networks and partnerships, for regional harmonization and resource mobilization to transform TVET;
- further strengthen the UNEVOC network consolidation process in the region.

Kicking off in San José, Costa Rica, the regional meetings brought together high-level experts discussing contemporary issues and highlighted skills development strategies, approaches and innovative practices focusing on greening TVET and youth employment.

The five events were hosted by UNEVOC Network member institutions and provided a unique platform for UNEVOC Network members, NGOs, regional and international organizations and the private sector to share experiences by mapping common challenges and opportunities. More than 350 TVET experts participated in the five meetings and showcased their most innovative policies and practices in TVET.

The discussion outcomes, recommendations and evidence gathered from selected promising practices will be used as regional input to the UNESCO-UNEVOC plan of action for 2014 and contribute to meeting the challenges involved in greening TVET, and skilling young people. The forums were enriched by the unique insights and practical experience of the cluster coordinators who took a lead role in discussing trends, challenges and opportunities of regional harmonization, and greatly contributed to strengthening the UNEVOC Network.

The regional fora provided a platform to showcase innovative and evidence-based regional promising practices in the fields of greening TVET and youth employment.

More than 350 TVET experts participated in the five meetings and showcased their most innovative policies and practices in TVET.





Latin America and Caribbean: 27-29 August 2013 in San José, Costa Rica

Hosted by the Instituto Nacional de Aprendizaje (INA, Costa Rica)

Asia and the Pacific: 4-6 September 2013 in Seoul, Republic of Korea

Hosted by the Korea Research Institute for Vocational Education and Training (KRIVET) and in collaboration with the Deutsche Gesellschaft für Internationale Zusammenarbeit



Africa: 17-18 September 2013 in Abuja, Nigeria

Hosted by the National Board for Technical Education, Centre of Excellence in TVET (NBTE)

Europe and North America: 28-29 October in Moscow, Russian Federation

Hosted by the National Observatory on Vocational Education/Centre for VET Studies



Arab States: 19-21 November 2013 in Beirut, Lebanon

Hosted by the Ministry of Education and Higher Education, General Directorate for Vocational and Technical Education



For more information on the five meetings, please visit the UNEVOC Website

The fora were enriched by the unique insights and practical experience of the cluster coordinators.





Entrepreneurship Education in the Arab States (2009–2012)

Young people face increasingly uncertain futures when slow growth in the economy is coupled with very fast growth in the youth population. In economic environments where there are no guarantees for stable and salaried employment, self-employment and entrepreneurship become particularly viable options. Consequently, entrepreneurship education is considered a useful strategy for diminishing youth unemployment and precariousness worldwide, since it provides youth with knowledge and competencies that empower them to face socio-economic challenges throughout their lives. Entrepreneurship education focuses on providing people with the ability and vision to access and transform opportunities and become innovators. While not every person who undertakes entrepreneurship training will become an entrepreneur, the skills acquired, especially when linked with practical skills in demand, can make a contribution to personal empowerment and increase individual capacities for employability and citizenship.

In the first quarter of 2013, UNESCO-UNEVOC, in close collaboration with UNESCO Regional Bureau-Beirut, completed component II of the four-year

project entitled 'Entrepreneurship Education in the Arab States'. This four-year extra-budgetary activity, which was funded by the StratREAL Foundation (UK), supported interested countries in the region in the development of educational policies and programmes that integrate entrepreneurship education in their education systems. Earlier in the project and as part of component I (2009–2010), four case studies on entrepreneurship education in Egypt, Jordan, Oman and Tunisia, as well as a regional synthesis report, were published in Arabic and English.

Component II (2010–2012) of the project entailed providing technical support to the development of strategic plans to facilitate the incorporation of entrepreneurship education in the educational systems of Member States. Four institutions in Jordan, Lebanon, Morocco and Oman were involved in Component II of the project. As part of the initiative, working groups and steering committees for entrepreneurship education were established in the four countries to integrate entrepreneurship competencies in the education system.



The regional workshop on entrepreneurship education in Bahrain looked at achievements and explored new initiatives focused on entrepreneurship education and employment for youth in the region.

Regional workshop on entrepreneurship education in Kingdom of Bahrain 10 to 12 December 2012, Manama, Bahrain

This workshop, jointly organized by UNESCO-UNEVOC, UNESCO Beirut and the Bahrain Centre of Excellence for Technical and Vocational Education, aimed to facilitate the exchange of experiences between specialists and experts in the institutions and ministries of education on the applications of entrepreneurship education at the secondary and TVET programmes; review curricula and teachers training guidelines/models; and develop mechanisms for cooperation and coordination on entrepreneurship education initiatives and programmes.

The regional workshop was attended by 66 participants from 19 Arabic countries, namely: Algeria, Bahrain, Egypt, Iraq, Jordan, Kuwait, Lebanon, Libya, Mauritania, Morocco, Oman, Palestine, Qatar, Saudi Arabia, Sudan, Syria, Tunisia, United Arab Emirates and Yemen. Participants included representatives from education ministries, TVET institutes, UNESCO and UNIDO (United Nations Industrial Development Organization).

The various sessions focused on identifying the achievements made and exploring initiatives of entrepreneurship education and enhancing work skills and employment for youth in the region. The workshop also featured a session on the results of the Third International Congress on TVET and the importance of public-private partnership in entrepreneurship education programmes. Participants highlighted success stories from female entrepreneurs and provided a platform for open dialogue and exchange of experiences within the Arab region.

The UNEVOC

Network

The UNEVOC Network is one of UNESCO-UNEVOC's flagship programmes and links institutions working in the area of TVET throughout the world. It fosters interaction and learning through international South-South and North-South-South cooperation. At the country level, it serves as the framework for cooperation in developing TVET. With its Network, UNESCO-UNEVOC aims to improve TVET by providing an environment for exchange and mutual assistance among TVET experts and institutions that are faced with similar challenges in different parts of the world. As a crucial part of the partnership strategy³ of UNESCO in developing TVET, the specific objectives of the UNEVOC Network are:

- to improve TVET in Member States by promoting and fostering international collaboration and partnerships and cooperation among TVET practitioners, civil society, local communities, researchers and policy-makers;
- to develop the capacities of UNEVOC Centres and associated TVET practitioners by providing various forms of technical assistance;
- to share promising practices and innovations in TVET through the promotion of research and evidence-based practice.

The Network is made up of UNEVOC Centres, which are established in TVET institutions in UNESCO Member States upon recommendation of UNESCO-UNEVOC and endorsement by the UNESCO National Commissions. They are focal points in the provision of services and platforms for national, regional and international cooperation in TVET. Among the institutions making up the Network of UNEVOC Centres are TVET sections within ministries of education; national apex bodies dedicated to TVET policy development; higher education and training institutions carrying out TVET research or providing courses; and TVET teaching institutions at the secondary or post-secondary school level.

³ For more information on the Comprehensive Partnership Strategy see <https://en.unesco.org/partnerships>



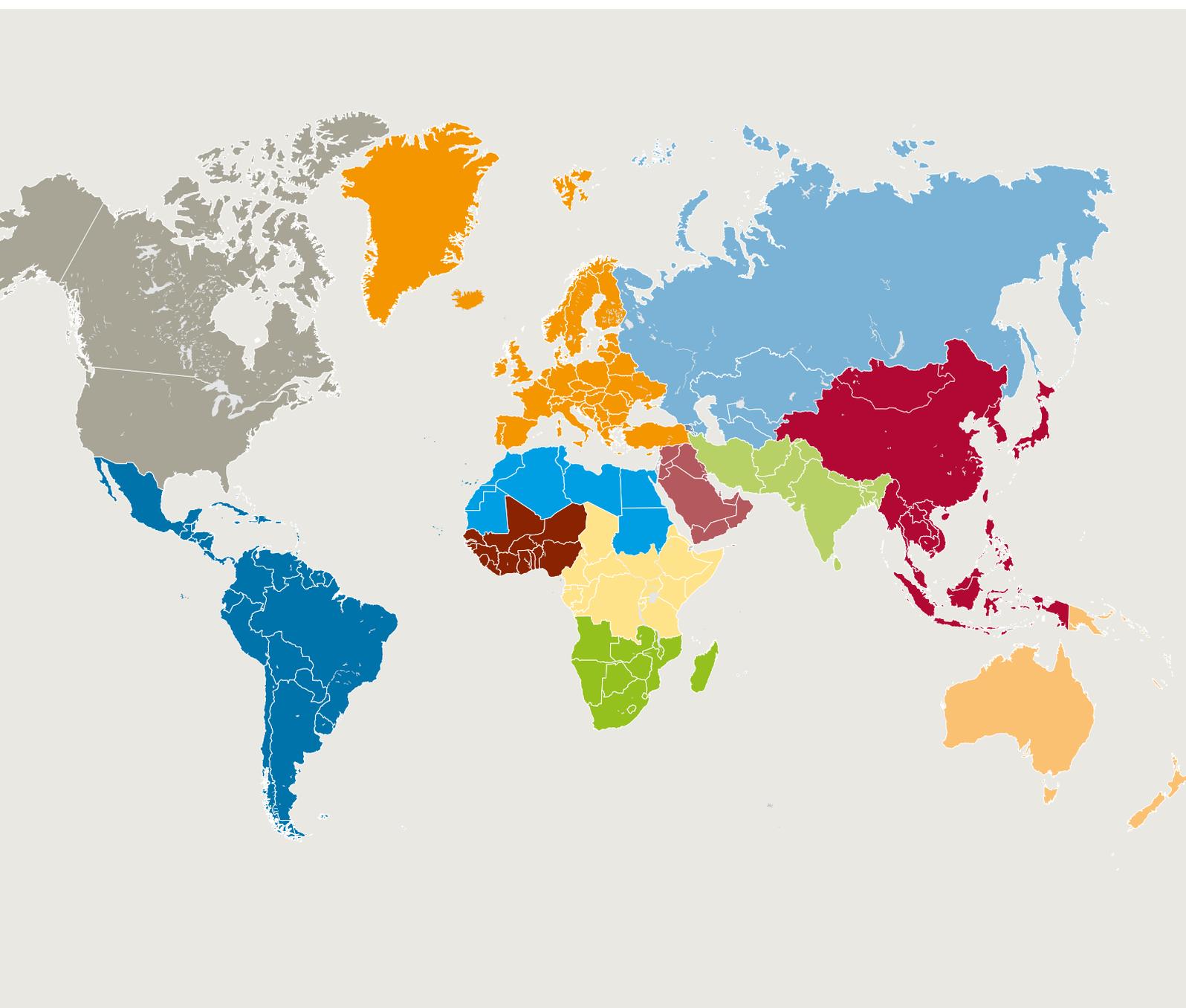


UNEVOC Network clusters

Shortly after the Third TVET Congress, UNESCO-UNEVOC introduced the Network strategy and the clustering concept to improve coordination of the UNEVOC Network, allowing for a better interface with all UNEVOC Centres. This approach is in line with UNESCO's Comprehensive Partnership Strategy, which was adopted by the Executive Board in September 2013 and validated by UNEVOC cluster coordinators and Centres. Each of the five regions is divided into clusters of countries based on geographical, linguistic and economic criteria.

On a rotational basis, selected UNEVOC Centres in each cluster take on the role of cluster coordinator to ensure effective coordination of the UNEVOC Centres within each cluster. A manual for UNEVOC Centres to assist in the coordination of clusters is being developed and will be made available to UNEVOC Network members in 2014.

The first pilot group of cluster coordinators was identified in 2012. They came together during the Meeting of Coordinators of UNEVOC Network



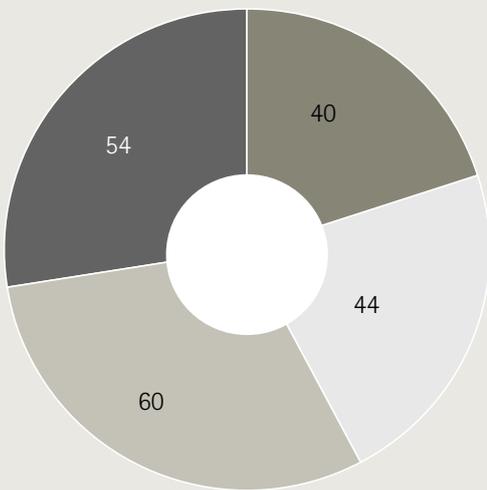
Cluster Centres in September 2012 to clarify the roles and responsibilities of cluster coordinators and UNEVOC Centres in general (see highlights 2012) and played a leading role in consolidating the UNEVOC Network. They also served as facilitators in drafting the regional plan of action for 2013 and acted as hosts for the regional fora.

List of cluster coordinator institutions

Region	Cluster	Country	Institution
Arab States	Northern Africa	Morocco	Higher School of Technical Education (ENSET)
		Egypt	Ministry of Education, Technical Education Sector
	Mashreq	Oman	Higher Technical College-Muscat, Ministry of Workforce
		Lebanon	Directorate General of Technical and Vocational Education – Higher Industrial Technical Institute,
Africa	Southern Africa	Botswana	Botswana Training Authority
		Mozambique	Ministry of Education, National Directorate for Technical and Vocational Education
	Western Africa	Nigeria	NBTE Centre of Excellence in TVET
	Eastern Africa	Kenya	Department of Technology Education, Chepkoilel University College
Asia and the Pacific	South-Eastern Asia	Republic of Korea	Korean Research Institute for Vocational Education and Training (KRIVET)
		China	Central Institute for Vocational and Technical Education, Ministry of Education
	Southern Asia	Sri Lanka	Tertiary and Vocational Education Commission (TVEC)
		Nepal	Council for Technical Education and Vocational Training (CTEVT)
	Pacific Islands	Australia	NCVER - National Centre for Vocational Education Research
New Zealand		Polytechnics International New Zealand Limited (PINZ)	
Latin America and the Caribbean	Latin America	Costa Rica	National Institute of Apprenticeship
		Brazil	Federal University of Technology - Paraná
	Caribbean	Jamaica	University of Technology
		Jamaica	Heart Trust NTA
Europe, CIS and North America	Europe	Germany	UNEVOC Centre "TVET for Sustainable Development"
		Norway	Oslo and Akershus University College of Applied Sciences
	CIS	Russian Federation	International Centre of Educational Systems (ICES)
		Russian Federation	National Observatory on Vocational Education (Centre for VET Studies)
	North America	Canada	Association of Canadian Community Colleges

In 2012-2013, UNESCO-
 UNEVOC welcomed ten new
 members to the UNEVOC
 Network.

UNEVOC Centres by affiliation



-  Ministry or Department of a Ministry dealing with TVET
 -  National TVET Body
 -  University, Research or Teacher Training Institute
 -  School or Training Centre
- 198 UNEVOC Centres**



Introducing new members

Efforts were made to strengthen the network and reinforce linkages and collaboration by consolidating the UNEVOC Centres. Nonetheless, UNESCO-UNEVOC welcomed ten new members to the UNEVOC Network (in alphabetical order by country):

Deputy Ministry of Technical and Vocational Education and Training, Ministry of Education (DMTVET – MoE), Afghanistan

A member since July 2012, the Deputy Ministry of TVET in the Ministry of Education (DM-TVET, MoE) is the first UNEVOC Centre in Afghanistan. The UNEVOC unit was established in the Policy and Planning Unit of the Deputy Ministry, which is responsible for the coordination and implementation of programmes and external relations. DM-TVET's membership followed a four-day Experts' Meeting on Fostering Capacity in TVET and Skills Development in Afghanistan, co-organized and hosted by UNESCO-UNEVOC in Bonn, Germany, from 12-16 March 2012.

Association of Canadian Community Colleges, Canada

In October 2013, the Association of Canadian Community Colleges (ACCC) joined the UNEVOC Network. It is the third UNEVOC Centre in Canada.

ACCC is a national, voluntary membership organization representing colleges and institutes in Canada and internationally. ACCC is the home of the pan-Canadian UNEVOC centre and its goal is to support learning provided by member institutions. With an already well-established international network, ACCC is motivated to further promote and establish international linkages and strengthen partnerships with other relevant agencies.



Omnia, Finland

In September 2013, Omnia, the Joint Authority of Education in the Espoo Region in Finland, joined the UNEVOC Network. With nearly 10 000 students and 700 staff, Omnia is one of Finland's largest vocational institutes. Its mission is to offer high quality technical and vocational education and training leading to a lifelong learning path, develop TVET on a national level and offer innovative professional development for TVET staff. The establishment of the UNEVOC Centre was soon followed by a visit to UNESCO-UNEVOC on 8 December 2013, organized to initiate discussions on possible opportunities for collaboration, especially in the areas of green ICTs and entrepreneurship development.

University of Technology, Jamaica

The University of Technology is the second institution in Jamaica to join the UNEVOC Network. The University of Technology is the only university in Jamaica that has a long track record of preparing TVET teachers at both undergraduate and graduate levels. It has facilities for TVET teaching, research and development, curriculum design, and human resource development. The new UNEVOC Centre was launched at a special ceremony in 19 October 2012 and places emphasis on research and activities aimed at strengthening TVET in Jamaica.

Ecole Polytechnique of Niamey (EPN), Niger

The Ecole Polytechnique of Niamey joined the UNEVOC Network in June 2012 and is the third UNEVOC Centre in Niger. The mission of EPN is to provide the job market with skilled workers and qualified professionals capable of contributing to the continuous development of Niger. In accordance with its overall mission for development, the school furthermore promotes the preservation of natural resources, advocates for environmental awareness and strives to train responsible citizens and agents of positive change.

National Board for Technical Education (NBTE), Nigeria

The NBTE Centre of Excellence in TVET is a unit under the National Board for Technical Education, which is the agency established by the Federal Government of Nigeria for the coordination of TVET in the country. The mission of the NBTE Centre of Excellence for TVET is to support TVET policy and human resource development in Nigeria and in the West African Region. The NBTE Centre of Excellence for TVET acted as coordinator for the West Africa cluster and also hosted the Africa Regional Forum in Abuja, Nigeria.

Fundación Paraguaya, Paraguay

The Fundación Paraguaya is a non-profit civil association with the mission to develop and implement practical, innovative and sustainable solutions which eliminate poverty and create decent living conditions for all. The association promotes accessible, relevant and effective education programmes for all and places emphasis on entrepreneurship education. It offers programmes to equip students and teachers with skills to develop opportunities for productive work and personal empowerment, especially for youth and marginalized groups, and is therefore a welcome addition to the UNEVOC Network.

Bashkir Institute of Social Technologies, Russian Federation

The Bashkir Institute of Social Technologies (branch of) the Educational Institution of Trade Unions "Academy of Labour and Social Relations" joined the UNEVOC Network in April 2012. UNESCO-UNEVOC previously collaborated with the institute when they hosted the UNEVOC CIS Regional Network meeting in June 2011. During this meeting, a resolution was adopted by the participants to establish a UNEVOC Centre in the Republic of Bashkortostan (Russian Federation). The aim of the Centre is to further develop the policy and practice of vocational education, which will contribute to educating specialists who can demonstrate a high level of key professional and cultural competences required by modern society.

Association of Canadian Community Colleges, Canada

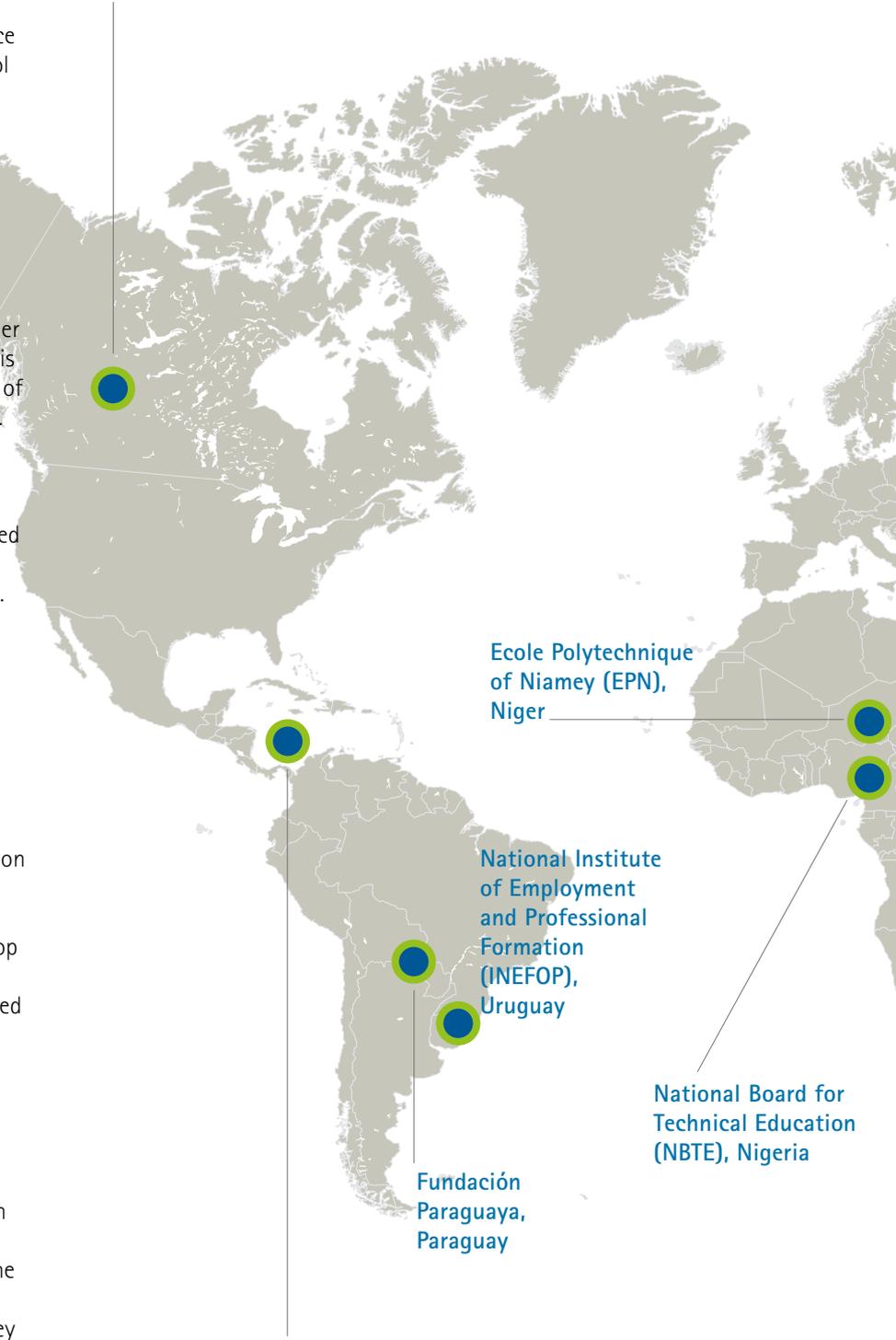
Ecole Polytechnique of Niamey (EPN), Niger

National Institute of Employment and Professional Formation (INEFOP), Uruguay

Fundación Paraguaya, Paraguay

National Board for Technical Education (NBTE), Nigeria

University of Technology, Jamaica





Omnia, Finland

Bashkir Institute of Social Technologies, Russian Federation

TISBI - Russian Federation

National Council for Technical and Technological education (NCTTE), Sudan

Jet Education Services, South Africa

Deputy Ministry of Technical and Vocational Education and Training, Ministry of Education (DMTVET - MoE), Afghanistan

TISBI – Russian Federation

Established in September 2013, the UNEVOC Centre for professional education at the University of Management “TISBI” has the objective to share its experience and knowledge, acquired through its wide range of programmes and activities, and contribute to the development of inclusive secondary vocational educational programmes in the Republic of Tatarstan, with a focus on promoting access for people with disabilities. Before joining the Network, UNESCO-UNEVOC participated in a conference hosted by the University on “Improving the mechanisms of cooperation between UNESCO ASPnet, UNITWIN/ UNESCO Chairs and UNEVOC Centres for Sustainable Development: Challenges, Projects, Prospects”, in Kazan, Russian Federation, in May 2013.

Jet Education Services, South Africa

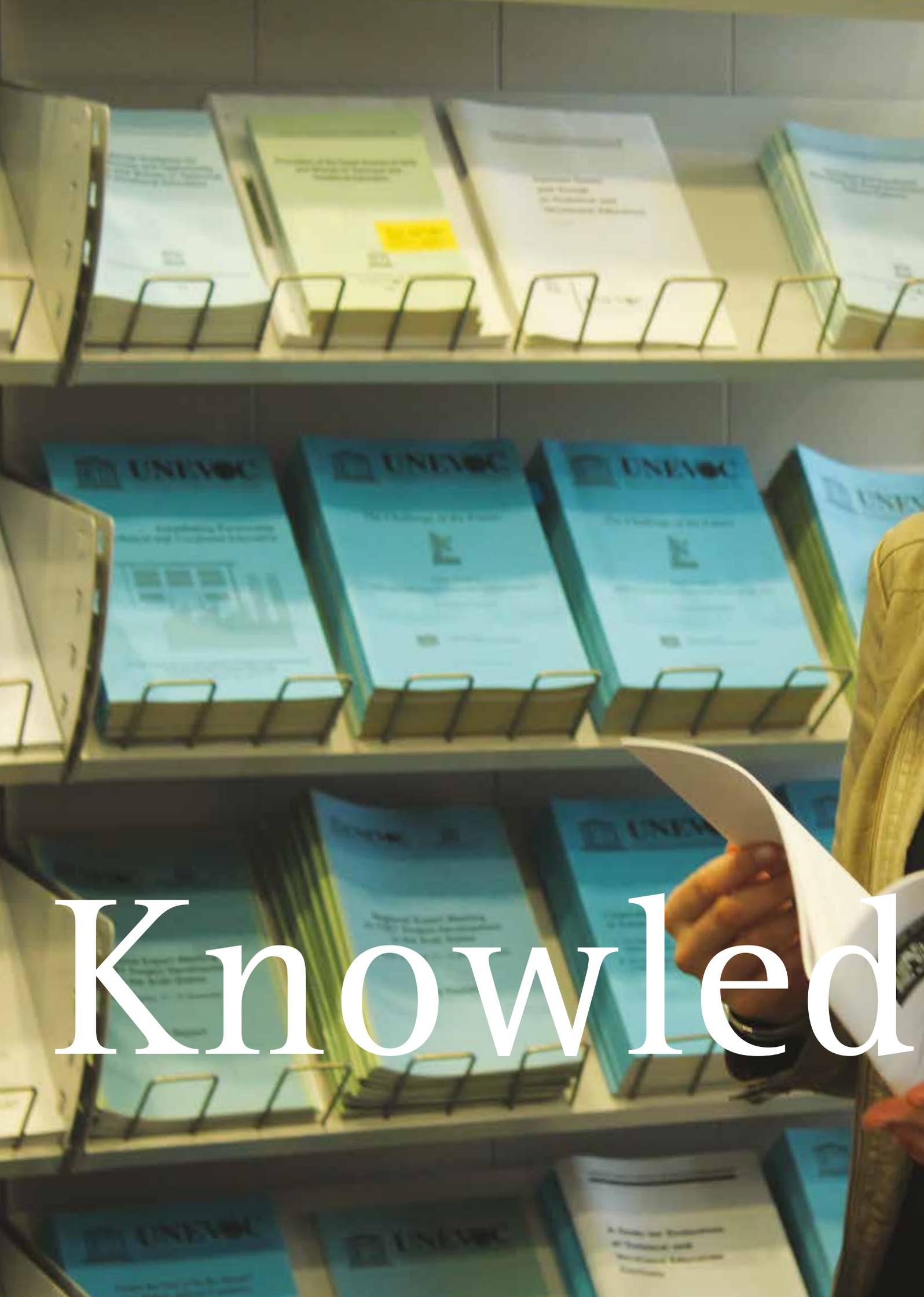
As an independent non-profit organization, the mission of JET Education Services is to offer educational research and knowledge-based interventions that are innovative, cost effective and sustainable to clients who support disadvantaged young South Africans through education development initiatives. Before joining the Network in October 2013, representatives from JET visited UNESCO-UNEVOC as part of a study tour to Germany.

National Council for Technical and Technological education (NCTTE), Sudan

The National Council for Technical and Technological education (NCTTE), Sudan, joined the UNEVOC Network in January 2012. Registered under the Ministry of Human Resource Development in Sudan, NCTTE is the central body for TVET in Sudan and is committed to upgrade technical and technological education in the country.

National Institute of Employment and Professional Formation (INEFOP), Uruguay

In December 2013, the National Institute of Employment and Professional Formation (INEFOP), Uruguay, joined the UNEVOC Network. INEFOP acts in the field of employment and vocational training in the private sector. It represents a variety of stakeholders in the country, including ministries, Chambers of Commerce, employers' associations and trade unions, and emphasizes the interests of employers and workers, as well as sections of the population more vulnerable to unemployment.



Knowledge



UNESCO-UNEVOC's action for knowledge management and resource development

Informing the global TVET debate

UNESCO-UNEVOC recognizes the importance of improving TVET through the sharing of information, knowledge and experiences and believes that TVET can be improved by uniting strengths and initiating dialogue on TVET from all corners of the world. Experience shows that educational ideas and reforms have broad global value, and that approaches that work in one country or setting may also work elsewhere, if adapted appropriately. Through access to information, countries can learn from each other and consider the advantages and disadvantages of other countries' practices and systems.

Together with the UNEVOC Network, UNESCO-UNEVOC acts as a clearinghouse for TVET. In line with UNESCO's Strategy for TVET, the Centre plays an important role in promoting good and innovative research and practices among countries and informing the global TVET debate. The knowledge management and resource development activities of the UNESCO-UNEVOC facilitate North-South, South-South, and North-South-South cooperation and foster the exchange of good practices, innovative ideas and success stories. To this end, UNESCO-UNEVOC operates in synergy with national, regional and international TVET institutions.

ge sharing

Publications



UNESCO-UNEVOC's publications aim to contribute to the international debate on skills development for the world of work. UNESCO-UNEVOC's handbooks, book series, case studies, promising practices, discussion papers and information materials seek to create a bridge between research, policy and practice and acquaint education decision- and policy-makers with innovations, good practices and developments in TVET worldwide.

All titles are generally published in English and sometimes also in French and Spanish. Other languages are used in specific circumstances. Many publications are free of charge and can be accessed and downloaded from the Centre's website.

Revisiting global trends in TVET – Reflections on theory and practice

The essays presented in this e-publication are complementary to the UNESCO volume on global TVET trends and issues in UNESCO's new Education on the Move series. They cover a wide, although certainly not exhaustive, range of current practices, ideas and debates in the field of TVET. They come at a time when the importance and value of TVET is being increasingly recognized in the context of lifelong learning in a globalized world, by UNESCO and other national, regional and global stakeholders in education and international development. One of the aims of this publication is to provide some assistance in the implementation of the Shanghai Consensus recommendations through reflection and the sharing of knowledge, ideas and experience.

2013, 346 p.
ISBN 978-92-95071-57-5 (online)

Shanghai Update: Follow-up on the Third International TVET Congress

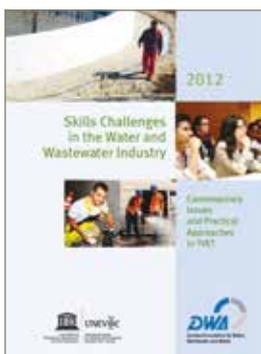
To inform about the progress made by UNESCO and UNESCO-UNEVOC since the Third International TVET Congress, and to provide information on how UNESCO is following up on the recommendations made by Member States in Shanghai, the UNESCO TVET Section and UNESCO-UNEVOC published the first issue of the 'Shanghai Update' newsletter in June 2013.

ISSN 2308-5487

Skills Challenges in the Water and Wastewater Industry: Contemporary Issues and Practical Approaches in TVET

The booklet, published in partnership with the German Association for Water, Wastewater and Waste (DWA) serves as reference for TVET educators and practitioners in the areas of skills development in the water and wastewater industry. The booklet explores labour-market needs associated with the introduction of new technologies, trades and competencies. The booklet provides an overview of approaches and practices in current TVET policy and programmes at regional, national and local levels in response to changing water and wastewater services.

2012, 34 p.
ISBN 978-92-95071-32-2 (print)
ISBN 978-92-95071-33-9 (online)



UNESCO-UNEVOC's publications seek to create a bridge between research, policy and practice.

Transforming TVET – from idea to action. One decade of UNESCO-UNEVOC

On the occasion of the tenth anniversary of its establishment in Bonn in 2002, UNESCO-UNEVOC published a brochure retracing its activities over the last decade, in order to reflect on past achievements, present ongoing projects and look towards the future. The brochure provides information on the Centre's aims, actions and themes. Through this publication, UNESCO-UNEVOC would above all like to pay a tribute to the many partners that have accompanied UNESCO-UNEVOC on its path, and to acknowledge their contribution to the development and the activities of the International Centre.

Available in Chinese, English, French, Russian and Spanish
2012, 149 p.
ISBN 978-92-95071-29-2 (print)
ISBN 978-92-95071-29-2 (online)

Work has many faces – photo competition

To show the different faces of learning and working people throughout the world, UNESCO-UNEVOC initiated a photo competition in 2012 that aimed to portray learning and working people – women and men – in action. Out of over a 1000 contributions, 54 photographs were selected and featured in the 10th anniversary publication "Transforming TVET – from idea to action" as well as in a unique photo album.

School-to-work Transition Information Bases

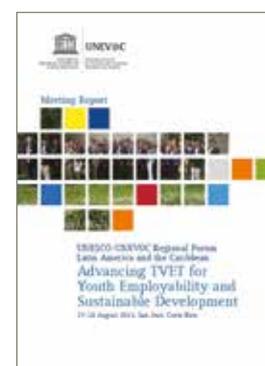
The booklet, jointly published by the Education Policy and Reform Unit of UNESCO Bangkok and UNESCO-UNEVOC, is the result of a regional thematic study which draws on country cases and presentations delivered at the UNESCO Synthesis Workshop on School-to-Work Transition Information Bases and the Role of the UNEVOC Network, held in Bangkok, Thailand, from 23 to 26 August 2011. It draws on the insights, knowledge and experience of the national experts and UNEVOC Centre representatives who participated in the workshop.

This booklet analyses the information system supporting transition from school to work in selected countries in the Asia-Pacific region. The rationale for the study is underpinned by the importance of accurate and reliable information as the starting point of successful TVET policy. The booklet explores key policy issues and challenges currently confronting governments, and provides a set of recommendations for policy makers to address these issues, drawing from examples of countries in the region. This publication fills a long-standing need for a clear and comprehensive analysis of a pressing policy issue that has not been sufficiently explored previously.

ISBN 978-92-9223-403-4 (print)
ISBN 978-92-9223-404-1 (online)

Meeting reports

Reports of meetings (co-)organized by UNESCO-UNEVOC, including the papers presented at the meetings, are an important source of information about crucial developments in TVET. UNESCO-UNEVOC regularly publishes meeting reports. They can be downloaded from the Centre's website.



Online services



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Throughout the years, the Centre has continuously worked towards improving its online communication tools to enable TVET policy makers, researchers and practitioners from around the globe to access valuable information and communicate with each other.

Information materials

To spread the word on the work of UNESCO-UNEVOC, a number of information materials were published in different languages in 2012/2013:

- UNESCO-UNEVOC publications and online services
- UNESCO-UNEVOC and its global UNEVOC Network
- Pocket guide to UNESCO-UNEVOC
- UNEVOC in brief
- UNESCO-UNEVOC Internship Programme
- Das internationale Zentrum für Berufsbildung der UNESCO

Bulletin

The UNESCO-UNEVOC Bulletin is the online newsletter of UNESCO-UNEVOC. The Bulletin informs individual experts and institutions in the field of TVET about the Centre's activities and also serves as a platform for the UNEVOC Network to report on their work. Throughout the biennium, six issues of the Bulletin were distributed electronically in Arabic, Chinese, English, French, Russian and Spanish.

UNESCO-UNEVOC's online services are one of the central means of the Centre to disseminate announcements and materials throughout the UNEVOC Network and the wider TVET community worldwide. Throughout the years, the Centre has continuously worked towards improving its online communication tools to enable TVET policy makers, researchers and practitioners from around the globe to access valuable information and communicate with each other.

Website and social media

An important means to communicate with the global TVET community and to facilitate access to information is the UNESCO-UNEVOC website. In its efforts to constantly upgrade the online services, and to be in line with the new UNESCO web layout, UNESCO-UNEVOC launched a new website in 2012. The entire website is offered in English, French and Spanish. Overview pages with contact information, information materials and publications are also available in Arabic, Chinese and Russian.

The social media channels on Facebook, Twitter and YouTube gain more and more visitors, and are used more regularly by UNESCO-UNEVOC to share its activities and promote its work. Through its online services, UNESCO-UNEVOC aims to reach a greater audience and strives to play a vital role in the advancement of TVET around the globe.

www.twitter.com/UNEVOC
www.facebook.com/UNEVOC
www.youtube.com/UNEVOC

In 2012-2013, over 2800 messages were distributed from more than 600 e-Forum members.

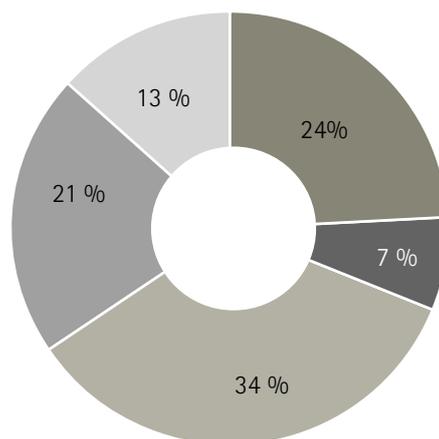
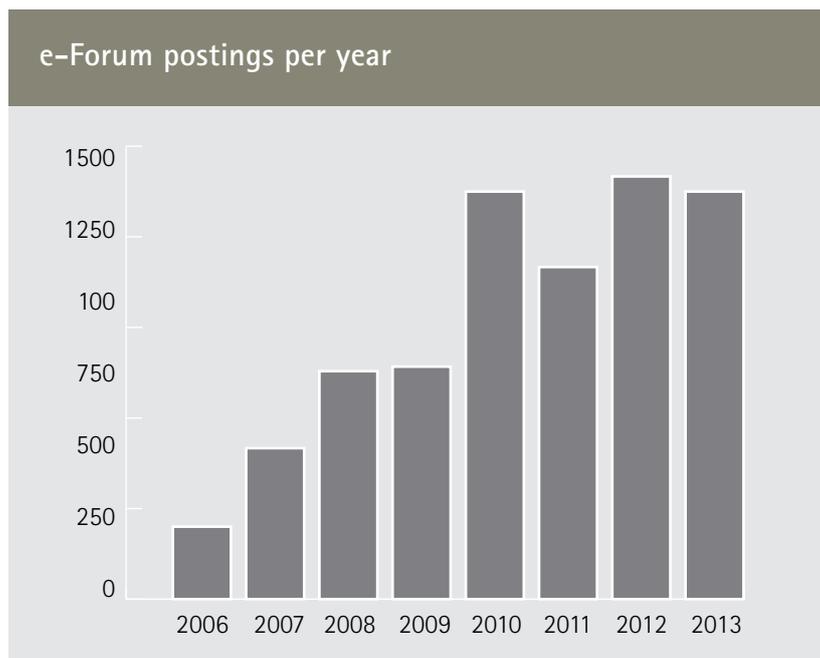
Multimedia products

In 2012-2013, UNESCO-UNEVOC developed a number of multimedia products and continued to promote existing multimedia products such as the learning and working skills development package. A promotional video was launched early 2012, and shows a compilation of feedback from conference participants who took part in the international consulting meeting on greening TVET that took place in Bonn in 2011. The second, an animation that illustrates the importance of TVET worldwide, and third video that complements a practical booklet on "Skills Challenges in the Water and Wastewater Industry", were published early 2013.

e-Forum

The e-Forum is a virtual community of TVET experts from around the world who share information and knowledge about different aspects of TVET through the use of an online discussion board and mailing list. In the e-Forum, participants have the opportunity to discuss relevant issues for TVET policy-makers, researchers and practitioners; announce international conferences and workshops; inform colleagues on publications and other resources available on the Internet; inquire for materials that would be useful for their work and that may be available abroad, e.g. curriculum materials, samples of legal texts, etc.; and find partners for international cooperation in research and development.

During 2012-2013, membership in the e-Forum and the number and quality of messages and discussions increased substantially. At the end of 2013, more than 3250 experts from more than 174 countries were members of the e-Forum community, an increase of 67% compared to the previous biennium. Subscribers come from a variety of professional backgrounds, including academia, policy and practice. In 2012-2013, over 2800 messages were distributed from more than 600 e-Forum members.



At the end of 2013, more than 3250 experts from more than 174 countries were members of the e-Forum community.

e-Forum members across the globe

- Africa
- Arab States
- Asia and Pacific
- Europe and North America
- Latin and Caribbean



Attracting a total of more than 1200 participants, the virtual conferences were moderated by experts, sought to promote focused discussions on crucial themes in TVET development and aimed to gather valuable input from the e-Forum community.

Virtual conferences

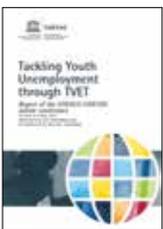
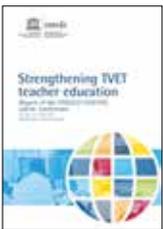
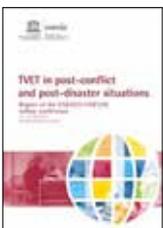
In addition to the ongoing discussions on the UNEVOC e-Forum, UNESCO-UNEVOC built on the pilot moderator-driven discussion held in 2011 and organized six virtual conferences in 2012-2013. Attracting a total of more than 1200 participants, these virtual conferences were moderated by experts, sought to promote focused discussions on crucial themes in TVET development and aimed to gather valuable input from the e-Forum community. Synthesis reports on all virtual conferences are available online from the UNEVOC website and provide background information on the themes, case studies and promising practices and links to other useful resources.

In 2012–2013, the following virtual conferences were organized:

UNEVOC Network portal

Specifically designed for members of the UNEVOC Network, the UNEVOC Network portal facilitates effective knowledge sharing and collaboration. The portal was given a new design in 2013 and allows Network members to share news and resources from their institutions. The online directory contains institutions' profiles and detailed information about recent activities, and is accessible to everyone.

www.unevoc.unesco.org/network



TVET in post-conflict and post-disaster situations (16–30 April 2012)
Moderated by Karina Veal, 180 participants from 64 countries

Strengthening TVET teacher education (25 June to 6 July 2012)
Moderated by Masriam Bukit, 150 participants from 50 countries

Greening TVET for sustainable development (22 October to 2 November 2012)
Moderated by Kai Gleissner, 150 participants from 60 countries

Implications of the ICT revolution for TVET (14 to 28 May 2013)
Moderated by Nik Kafka, 247 participants from 74 countries

Tackling youth unemployment through TVET (25 June to 9 July 2013)
Moderated by Gita Subrahmanyam and Katerina Ananiadou, 300 participants from 80 countries

Greening TVET. Implementation strategies and qualifications frameworks (12 to 26 Nov. 2013)
Moderated by Julia Kastrup and Dagmar Winzier, 186 participants from 66 countries

Since its launch, reports on the following 50 countries have been added to the database:

Afghanistan, Armenia, Australia, Azerbaijan, Barbados, Belarus, Belize, Botswana, Brazil, Canada, Chile, China, Colombia, Costa Rica, Czech Republic, Egypt, Finland, Germany, Ghana, Guyana, Hungary, Indonesia, Jamaica, Jordan, Kazakhstan, Kenya, Kyrgyzstan,

Lebanon, Malawi, Mauritius, Netherlands, New Zealand, Nigeria, Norway, Oman, Pakistan, Palestine, Paraguay, Poland, Republic of Korea, Russian Federation, Saudi Arabia, Sri Lanka, Swaziland, Sweden, Turkey, United Arab Emirates, Yemen, Zambia, Zimbabwe.

World TVET Database

Launched in May 2012, the World TVET Database developed by UNESCO-UNEVOC aims to provide concise, reliable and up-to-date information on TVET systems worldwide in one single place. It helps TVET officials, experts and stakeholders, but also researchers and students to learn about trends and challenges in TVET systems globally today.

The database consists of country reports, containing key information about the TVET system for each country, such as:

- TVET mission, legislation and national policy or strategy;
- the structure of the TVET system, including formal, non-formal and informal TVET;
- governance and financing;
- TVET teachers and trainers;
- qualifications and qualification frameworks; and
- current and ongoing reforms, projects and challenges.

In addition, country reports feature statistical information, links to national TVET institutions and UNEVOC Centres, and a list of references and resources providing further information on each country. Country reports are compiled from a variety of national and international sources and have been augmented and validated by UNEVOC Centres or other TVET national authorities.

www.unevoc.unesco.org/worldtvetedatabase



Expert workshop on the World TVET Database

18 December 2012, Bonn, Germany

UNESCO-UNEVOC organized an expert workshop on the World TVET Database on 18 December 2012 in Bonn, Germany. Representatives of UNESCO-UNEVOC, UNEVOC Centres from the Netherlands, Germany and Norway and the partner agencies Cedefop and UNITAR joined to discuss, critically evaluate and provide feedback on the future development of the World TVET Database. Main topics discussed during the workshop were the target group of the database; current and potential obstacles in collecting, structuring, updating and validating TVET-related information; and the relation of the database to other online services. The workshop was participatory and valuable and constructive feedback was received from the participants. This will help UNESCO-UNEVOC to further improve and upgrade the World TVET Database in the years to come.



Information on the promising practices practices has been assessed by TVET experts using a conceptual framework specifically developed for identifying and analysing promising practices.

Promising Practices

As part of its clearinghouse function, and following the call issued at the Third International TVET Congress in Shanghai for an enhanced role of the UNEVOC Network in the collection and dissemination of knowledge and evidence on TVET, UNESCO-UNEVOC initiated efforts to identify and share promising TVET practices for the benefit of the global TVET community, including policy makers and practitioners. Through the establishment of an online database, the aim is to share knowledge of established innovative practices – success stories – that have proven to be effective and that promote TVET in some profound way, either within a particular TVET sub-sector or at local, regional or national level. The database presents information on a selection of effective and innovative programmes and initiatives from different TVET areas and regions of the world.

The database presents information on a selection of effective and innovative programmes and initiatives from different TVET areas and regions of the world.

More specifically, the database aims to:

- identify and gather evidence-based policy and practices, thus contributing to the knowledge base on TVET policies and practices;
- share information on successful and transferable TVET initiatives;
- encourage local, national and regional cooperation in TVET; and
- promote the role of TVET in the world of work and sustainable development

Information on these practices has been assessed by TVET experts using a conceptual framework specifically developed for identifying and analysing promising practices. This framework consists of six criteria representing important indicators of a good or promising practice in TVET:

- Impact,
- Innovation and creativity,
- Knowledge base,
- Stakeholder engagement,
- Monitoring and evaluation, and
- Efficiency.

www.unevoc.unesco.org/promising-practices

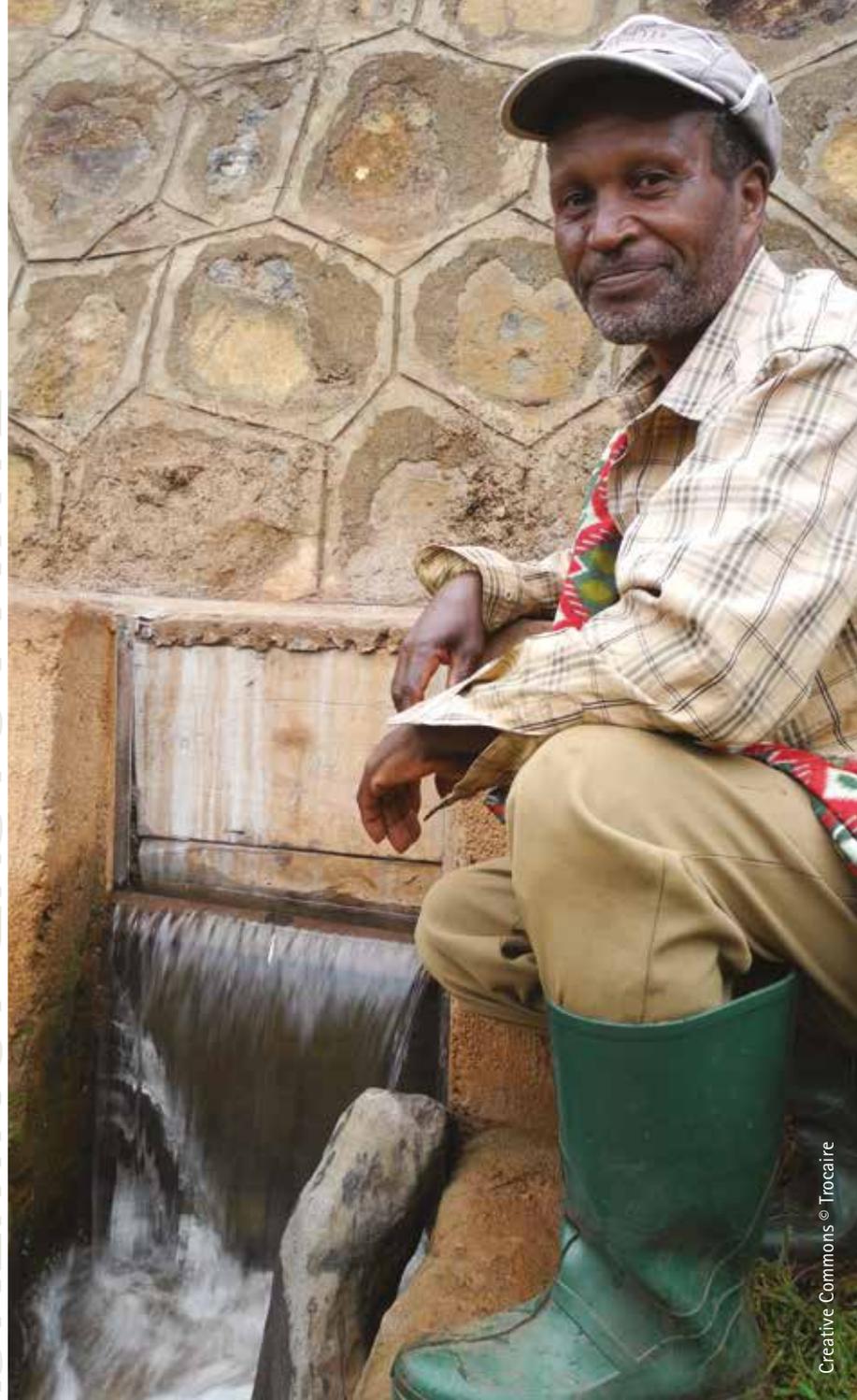


TVETipedia

TVETipedia is an online information tool for researchers, policy makers and students. First launched in 2009, it is currently being redesigned and a new version will become available in 2014. The updated version will initially include a TVET glossary containing about 400 terms and their definitions, drawing on a number of TVET glossaries from all over the world (e.g. CEDEFOP' Terminology of European education and training policy, and NCVET's Glossary of VET)

This way, TVETipedia takes into consideration regional differences in the usages and understanding of TVET terms. The aim is to help to create a common TVET language that will improve communication among TVET experts from different parts of the world. An extended interactive version of TVETipedia is planned in the future.

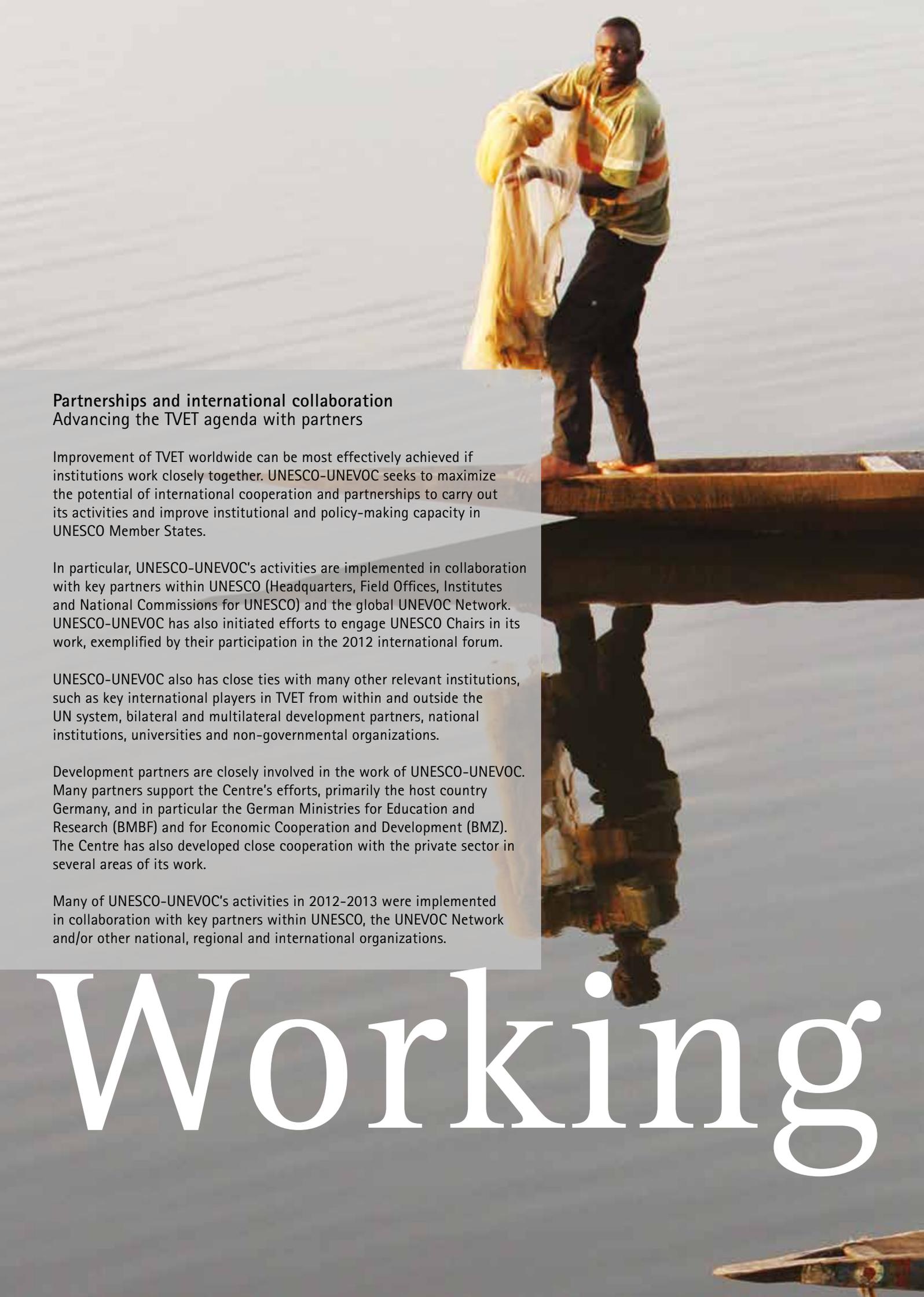
www.unevoc.unesco.org/tvetipedia



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ABCDEFGHIJKLMNOPQRSTUVWXYZ



Partnerships and international collaboration

Advancing the TVET agenda with partners

Improvement of TVET worldwide can be most effectively achieved if institutions work closely together. UNESCO-UNEVOC seeks to maximize the potential of international cooperation and partnerships to carry out its activities and improve institutional and policy-making capacity in UNESCO Member States.

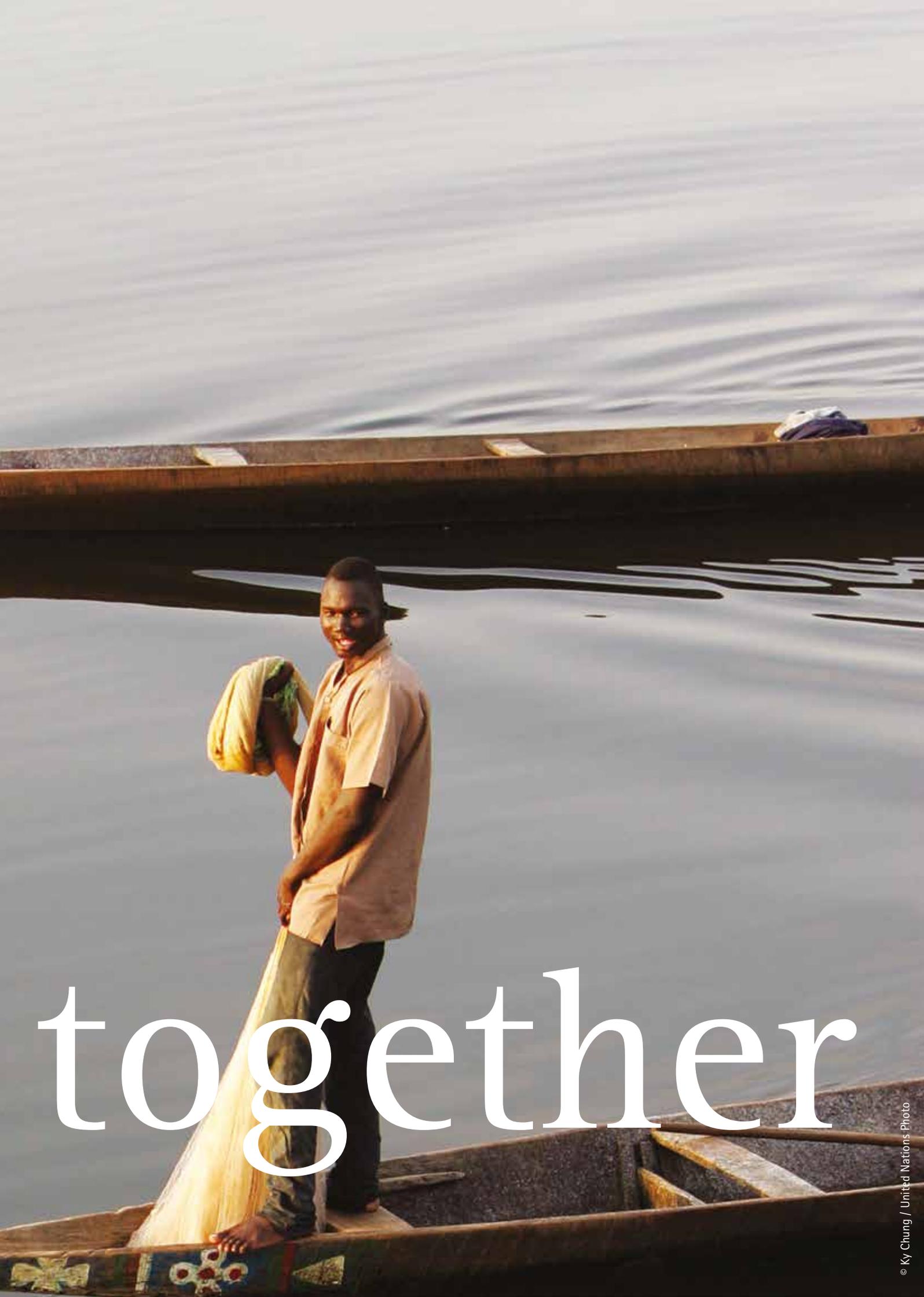
In particular, UNESCO-UNEVOC's activities are implemented in collaboration with key partners within UNESCO (Headquarters, Field Offices, Institutes and National Commissions for UNESCO) and the global UNEVOC Network. UNESCO-UNEVOC has also initiated efforts to engage UNESCO Chairs in its work, exemplified by their participation in the 2012 international forum.

UNESCO-UNEVOC also has close ties with many other relevant institutions, such as key international players in TVET from within and outside the UN system, bilateral and multilateral development partners, national institutions, universities and non-governmental organizations.

Development partners are closely involved in the work of UNESCO-UNEVOC. Many partners support the Centre's efforts, primarily the host country Germany, and in particular the German Ministries for Education and Research (BMBF) and for Economic Cooperation and Development (BMZ). The Centre has also developed close cooperation with the private sector in several areas of its work.

Many of UNESCO-UNEVOC's activities in 2012–2013 were implemented in collaboration with key partners within UNESCO, the UNEVOC Network and/or other national, regional and international organizations.

Working



together

Highlights 2012/2013

Global Media Forum

25 to 27 June 2012 and 17 to 19 June 2013,
Bonn, Germany

In 2012 and 2013, UNESCO-UNEVOC joined Bonn's Global Media Forum. Attended by over 2000 people every year and hosted by Deutsche Welle, Germany's international broadcasting service, the forum draws media representatives from around the world and people from the fields of politics, culture, business, development cooperation and academia. Together they discuss and design approaches to meeting the challenges of globalization in which the media play a central role.

Under the 2012 theme of "Education. Culture. Media. Shaping a Sustainable World", UNESCO-UNEVOC organized a workshop entitled "Is green development a contradiction or an opportunity?" Presentations from Shyamal Majumdar, Head of UNESCO-UNEVOC, Shobha Mishra Ghosh from the Federation of Indian Chambers of Commerce and Industry, Rajesh Khambayat of the National Institute of Technical Teachers' Training and Research India, Laila Iskandar of Community and Institutional Development (CID) Consulting and Armin Himmelrath, a freelance journalist specialized in education, engaged the audience in a lively debate on green skills for a low-emission economy. The discussion highlighted that the education sector is lagging behind green technological advances and that there is a need to integrate green skills into existing occupations and TVET. The exchange further stressed the need to close the gap between the demand and supply sides of the green economy and acknowledge the vital role of non-formal and informal education systems in promoting sustainable development.

For the 2013 Global Media Forum on "The Future of Growth – Economic Values and the Media", UNESCO-UNEVOC and its Network members from Uganda, Norway and Republic of Korea discussed the importance of networking to advance skills

development for sustainable growth. Panellists included Alix Wurdak, Publications Focal Point at UNESCO-UNEVOC, Jisun Chung from the Korea Research Institute for Vocational Education and Training (KRIVET), Kato Habib Professor of Kyambogo University and Ronny Sannerud, Professor of the Centre for Research on Education and Work, Oslo and Akershus University College, Norway. The discussion was moderated by Eckart Lilienthal from the Federal Ministry of Education and Research (BMBF). Participants shared examples of successful cooperation that has taken place across the globe to improve the possibilities for young people to successfully transition from education to employment.



The Global Media Forum draws media representatives from around the world and people from the fields of politics, culture, business, development cooperation and academia. Together they discuss and design approaches to meeting the challenges of globalization in which the media play a central role.





WorldSkills Leipzig 2013

1 to 7 July 2013, Leipzig, Germany

The 42nd edition of the WorldSkills competition was held from 1 to 7 July 2013 in Leipzig, Germany. WorldSkills is the largest skills competition in the world. Every two years, hundreds of young skilled people from all over the world, accompanied by teachers and trainers, come together to evaluate themselves against international benchmarks in six skill sectors: Transportation and Logistics, Construction and Building Technology, Manufacturing and Engineering Technology, Information and Communication Technology, Creative Arts and Fashion, and Social and Personal Services. 200,000 visitors came to watch the highly skilled young women and men between the age of 17 and 22 who were competing against each other in 46 skill areas and demonstrating their skills at the Leipzig fairgrounds.

UNESCO-UNEVOC participated in WorldSkills for the first time, co-organized and contributed to a number of activities during the event:

Green Industrial Skills for Sustainable Development: Risks and Challenges for Least Developed Countries", organized by United Nations Industrial Development Organizations (UNIDO) and WorldSkills Germany (1 July 2013)

Shyamal Majumdar delivered a presentation during this side event, which had the objective of increasing awareness on the importance of green industrial skills development worldwide for a better future, such as for deprived young people to improve their chance of employment and income. Among the keynote speakers were representatives from UNIDO, WorldSkills Germany and the German Federal Ministry for Economic Cooperation and Development (BMZ). The discussions provided input for policy change and national programmes in the area of education and skills development.

BIBB Global Partners Meeting

4 July 2013

Panel Discussion on "The United Nations Decade of Education and Sustainable Development (ESD) – the Contribution of "Greening TVET"

A panel discussion on the UN Decade of Education and Sustainable Development (ESD) was organized jointly by the Federal Institute for Vocational Education and Training (BIBB) and UNESCO-UNEVOC and formed part of BIBB's first three-day global partners meeting. Shyamal Majumdar was a panellist while Dagmar Winzier, Programme Expert at UNESCO-UNEVOC, chaired the session. The discussion focused on how to create new jobs while also reducing environmental pollution. Experts from 24 countries debated the topics of green skills and greening TVET with international representatives from national vocational education and training institutes.

UNESCO-UNEVOC participated in WorldSkills for the first time and co-organized and contributed to a number of activities during the event.





The aim of the conference was to uncover the hidden talent of skilled workers in the water sector, whose work all too often takes place underground or behind fences.



Water technicians – the hidden champions? 4 July 2013

On 4 July 2013, the German Water and Wastewater Association (DWA) organized a one-day conference on "Water technicians – the hidden champions?" jointly with the UN-Water Decade Programme in Capacity Development (UNW-DPC) and in partnership with UNESCO-UNEVOC.

The aim of the conference was to uncover the hidden talent of skilled workers in the water sector, whose work all too often takes place underground or behind fences. Indeed, good-quality work in water and wastewater treatment is work that goes unnoticed by the general population that benefits from a well-functioning water sewage and treatment system. The conference participants discussed what can be done to improve education and training in the different professions related to the water skills sector at the international level, and to raise the image of the water and wastewater professions.

UNESCO-UNEVOC was represented by its UNEVOC Network member from Australia: Peter Holden from TAFE Directors Australia gave a presentation on "Greening TVET – a world perspective" and shared the aims and goals of UNESCO-UNEVOC for sustainable development and green skills, with Australia as a country case study. Speakers included among others, water specialists from the International Water Association (IWA), GWOPA/ UN-HABITAT, the Federal Institute for Vocational Education and Training (BIBB), the Water Environment Federation and Dresden Technical University.

Global Skills Marketplace 5 July 2013

In a session chaired by Max Ehlers, IT Focal Point at UNESCO-UNEVOC, three promising practices were presented from countries at different stages of development. Sonia Ana Charchut Lesczinski from the University of Paraná reported on a project that is currently being started in Brazil, where tablet computers are used as a way to communicate with students in remote areas due to the low cost and availability of such media. Teodoro Pascua from TESDA in the Philippines shared TESDA's vision for ICT. The goal of the "National Technical Education and Skills Development Plan (NTESDP) 2011-2016" is to integrate ICT into TVET in order to make it "more accessible, increase quality and improve the teaching and learning process." Pascua presented the eTESDA network that provides blended learning as an additional mode of delivery for TVET programmes. Finally, Michael Härtel from the Federal Institute for Vocational Education and Training (BIBB), presented a German online knowledge sharing tool for teachers and trainers in TVET.

In a second session also chaired by Max Ehlers, Johannes Fleischle from GIZ Magdeburg (one of three member organizations of the joint German UNEVOC Centre "TVET for Sustainable Development") presented an example of North-South-South cooperation together with Bakti Gunawan (P4TK), Hardianto (STTT) and Khamnothammackak Vixayher (IVETS). They participate in the GIZ International Leadership Training (ILT) Programme Master Trainer in TVET for young professionals from Vietnam, Indonesia and Lao PDR. The session was called "Global Campus 21 as an effective digital tool for online learning" and showed how the digital learning platform effectively supports learning in the region.

Collaboration with UNESCO Headquarters, Field Offices and Institutes

Throughout the biennium, UNESCO-UNEVOC continued to strengthen its collaboration with UNESCO Headquarters (HQ), field offices and institutes. UNESCO-UNEVOC extended support to the team work of the UNESCO TVET section at HQ, particularly in providing technical input to a number of initiatives and documents including peer reviews, the mid-term review of TVET strategy, policy review of TVET, the World TVET Report. UNESCO-UNEVOC also provided critical technical input for the proposal on TVET policy development in Lao PDR, Liberia, Afghanistan, Botswana, South Sudan and South Africa, and supported the organization of the Third International TVET Congress in 2012.

Experts' meeting on Fostering Capacity Building in TVET and Skills Development in Afghanistan 12 to 16 March 2012, Bonn, Germany

A four-day Experts' Meeting on Fostering Capacity Building in TVET and Skills Development in Afghanistan was held from 12 to 16 March 2012 at UNESCO-UNEVOC. UNESCO-UNEVOC was honoured to welcome the Deputy Minister of Education, Mohammad Asif Nang, and Zekrullah Taibi, Policy and Programs Development Director at the Ministry of Education in Afghanistan at its premises for the four-day meeting. The meeting was furthermore attended by TVET experts from Afghanistan, Cambodia, Lao PDR and Germany, including from the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) Mannheim and the Federal Ministry of Economic Co-operation and Development (BMZ).

Co-organized by UNESCO-UNEVOC and UNESCO Kabul Office in partnership with the UNESCO TVET Section, the meeting aimed to:

- discuss concerns, issues and prospects in the field of TVET from a global perspective;
- share experience and challenges in TVET and skills development from the Afghan perspective;
- provide inputs to designing the Afghanistan National Technical and Vocational Research Center (ANTVRC) and its establishment;
- foster capacity building for the development and successful implementation of a National TVET Strategy (NTVETS) in Afghanistan;
- provide peer learning and study visit opportunities for knowledge-sharing among the development partners and stakeholders in TVET.

Opening speeches were held by Shyamal Majumdar, UNESCO-UNEVOC, Mohammad Asif Nang, Deputy Minister of Education in Afghanistan, and Anke Doerner, German Commission for UNESCO. Various presentations were given and intensive discussions were held. The meeting also included study tours to the Federal Institute for Vocational Education and Training (BIBB) and the German Water Association (DWA) in Bonn, and the UNEVOC Centre in Magdeburg. Participants reflected on the significance of global challenges in TVET and share experiences and practical examples in order to support the national set-up of the ANTVRC.

Overall, the meeting offered a good opportunity for both the organizers and the Afghan delegates to discuss opportunities and challenges with regard to the successful development and implementation of a responsive national TVET strategy. The meeting laid the basis for determining priority actions and further development of a long-term proactive implementation mechanism for TVET in Afghanistan.



The meeting aimed to share experience and challenges in TVET and skills development from the Afghan perspective.



The main objective of the scoping mission was to conduct a preliminary mapping exercise with regard to TVET activities in Liberia.

Capacity Building for Education for All: TVET scoping mission

16 to 20 July 2012, Monrovia, Liberia

Following the inclusion of Liberia on the list of priority countries to benefit from the CapEFA (Capacity Building for Education for All) programme with particular focus on TVET, Teeluck Bhuwaneer, Head of the UNEVOC Network, went on a scoping mission to Liberia from 16 to 20 July 2012. He was accompanied by Tirso Dos Santos, Officer-in-Charge, UNESCO Accra Cluster Office.

The main objectives of the scoping mission were:

- to finalize the TVET CapEFA tool with substantive input from national authorities and stakeholders in the field of TVET;
- to conduct a preliminary mapping exercise, with regard to TVET activities in Liberia;
- to discuss the modalities for undertaking the capacity assessment and establish a capacity assessment team; and
- to come to an agreement with Government authorities on the next steps leading to the capacity assessment and the development of capacity development action plans.

As part of the scoping mission, a TVET Technical Working Group meeting was held to present on the CapEFA approach, and different organizations outlined their involvement in TVET and shared their views on the opportunities and challenges to be addressed.

Government authorities and partners welcomed a capacity assessment exercise that will take stock of existing capacities; identify gaps and introduce a comprehensive capacity development action plan. Working together with the members of the team appointed by the Liberian authorities, the mission team reviewed the capacity assessment tool, and agreed on the next steps, namely the objectives and intended outputs, and the scoping of the capacity assessment. UNESCO-UNEVOC will assist this initiative by supporting the design of data collection instruments, through sharing of experiences of similar exercises held successfully in other countries and by providing expert advice during the assessment exercise.

Regional expert meeting on vocationalization of secondary education

3 and 4 December 2012, Bangkok, Thailand

TVET at the secondary level has been of particular interest to many countries in the Asian region as a mechanism to provide graduates with a direct entry into the labour force. However, increasingly in both developing and industrialized countries, many graduates from secondary-level TVET programmes are continuing their studies after the completion of secondary TVET. In order to assist the evidence-based and strategic decision making of governments in the transformation and expansion of TVET programmes at the secondary level (especially in formal education), UNESCO Bangkok, in collaboration with UNESCO-UNEVOC, conducted a study on the various approaches for providing TVET at the secondary education level.

On 3 and 4 December 2012 UNESCO Bangkok and UNESCO-UNEVOC organized a regional expert meeting inviting the experts involved in the study as well as government representatives from other interested countries, to discuss the preliminary findings of the study, to draw policy options and to examine potential issues that could be further discussed in the regional synthesis report. Shyamal Majumdar attended the meeting to provide expertise and facilitate the workshop proceedings.

The expert meeting discussed the regional and international trends of TVET provision at the secondary level and provided the opportunity to exchange policies, practices and lessons learned from a number of countries with experience in this area. A booklet on the vocationalization of secondary education as an alternative way of expanding access to TVET for young people in the Asia-Pacific region will be published in 2014.

Skills for inclusive and sustainable development in Botswana

27 July to 5 August 2013, Gaborone, Botswana

From 27 July to 5 August 2013 at the invitation of the Republic of Botswana, Shyamal Majumdar and Mmantsetsa Marope, Director of the Division for Basic Learning and Skills Development at UNESCO, undertook an exploratory mission to Gaborone, Botswana, in order to ascertain on the ground and facilitate the establishment of a UNESCO Category 2 Centre to promote skills for inclusive and sustainable development. The team met with the Honorary Minister of Education and Skills Development, the Permanent Secretary and team members of the TVET subsector reform working group led by the Secretary-General of the National Commission for UNESCO.

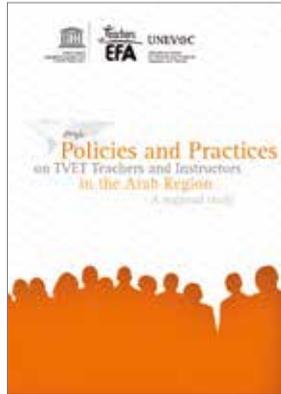
The team also held discussions with different stakeholders of skills development organizations, including representatives of the Ministry of Trade and Industry, the Human Resource Development Advisory Council, Botswana Chamber of Mines, Southern African Development Community (SADC), the German Embassy, the University of Botswana and the Institute of Development Management (IDM). It also visited Oodi College of Applied Arts and Technology and held discussions with the management team.

In order to assist the evidence-based and strategic decision making of governments in the transformation and expansion of TVET programmes at the secondary level, UNESCO Bangkok, in collaboration with UNESCO-UNEVOC, conducted a study on the various approaches for providing TVET at the secondary education level.



© Victoria Hazou / United Nations Photo

The policies and practices adopted to address issues related to TVET teachers and instructors as well as the opportunities and challenges faced will be published in a synthesis report early 2014.



Regional Study on Policies and Practices on TVET Teachers and Instructors in the Arab Region

In the Arab region, countries' efforts towards higher quality and more relevant TVET will require evidence of the scope of teacher shortages, gender inequality, the provision of teacher and instructor training, teaching and training materials, teaching methods, industry-institute interaction, as well as appropriate career structures. To address this information gap and provide a framework for comparison of prevailing practices in order to pave the way for collaboration and partnerships at regional level and beyond, the International Task Force on Teachers for EFA, in collaboration with the UNESCO Section for TVET, UNESCO-UNEVOC, and the UNESCO Regional Bureau for Education Beirut initiated a study on the policies and practices on TVET teachers and instructors in the Arab region.

Ten countries: Algeria, Bahrain, Egypt, Jordan, Morocco, Lebanon, Saudi Arabia, Oman, Tunisia, and the United Arab Emirates participated in the study. The policy approaches adopted to address issues related to TVET teachers and instructors as well as the practices and opportunities and challenges faced by both policy-makers and practitioners in the participating countries have been documented in ten country reports and will be published in the form of a synthesis report early 2014.

Validation workshop on the Regional Study 3-4 October, Paris, France

From 3 to 4 October 2013, TVET experts and representatives from the ten participating countries convened at UNESCO Headquarters in Paris, France, to discuss the preliminary findings of the regional study that aims to close the policy and capacity gap and provide a framework for comparison of prevailing practices in TVET teacher education.

Organized by the International Task Force on Teachers for EFA, UNESCO Section for TVET, UNESCO-UNEVOC and UNESCO Beirut, the purpose of the workshop was to disseminate the findings of the study, share good practices and identify areas of cooperation.

The two-day workshop was opened by the Assistant Director-General for Education Qian Tang and was held on the occasion of World Teachers' Day 2013 (5 October), a day devoted to appreciating, assessing, and improving the numbers and quality of the world's educators. In addition to in-depth discussions on the findings of the study, representatives from Education International, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), ADEA, Department for Education Policy Finland and the University of Paranà, a UNEVOC Centre in Brazil, presented on TVET teacher policies and practices from their regional perspective.

The two-day workshop was opened by the Assistant Director-General for Education Qian Tang and was held on the occasion of World Teachers' Day 2013 (5 October), a day devoted to appreciating, assessing, and improving the numbers and quality of the world's educators.





Conference on rural skills development through ICT

25 and 26 October 2013, Dujiangyan, Chengdu, People's Republic of China

The UNESCO International Research and Training Centre for Rural Education (INRULED) in collaboration with UNESCO-UNEVOC, the Chengdu Municipal Education Bureau and Dujiangyan Municipal Government organized a conference on rural skills development through information and communication technologies (ICTs). The conference's objective was to share policies, strategies and good practices on rural skills development through ICT, with the aim to develop and improve information and give practical guidelines for enhancing the access to and outreach of ICTs in rural areas.

The two-day event was attended by 100 participants from 17 countries, including representatives from national, regional and international organizations as well as representatives from seven UNEVOC Centres in China, Pakistan, Nepal, Botswana, Costa Rica, Sri Lanka and Indonesia. Presentations highlighted the issues and challenges in skills development for rural youth, and focused on the role of ICTs in expanding access for rural youth in the Asia and Pacific region and beyond.

Regional Forum on Status of TVET in the SADC Region

26 to 28 November 2013, Stellenbosch, South Africa

Based on the findings of a regional study conducted by UNESCO on the Status of TVET in the SADC Region, representatives of the Southern African Development Community (SADC) Member States convened in Stellenbosch, South Africa, from 26 to 28 November 2013 to discuss the progress of actions undertaken to reform their countries' TVET systems since the assessment. Organized by UNESCO, the University of Stellenbosch and the SADC Secretariat, the workshop was attended by 40 participants from 17 countries, including representatives from UNESCO, OECD, EU, SEAMEO and the SADC Secretariat. UNESCO-UNEVOC was represented by Imke Kottmann, who presented on the engagement of the UNEVOC Network in the SADC Cluster. Among others, Mathews Phiri, UNEVOC Cluster Coordinator and UNEVOC Centre contact point for the Botswana Training Authority (BOTA) presented on promoting sustainable development through TVET in SADC.

During the workshop, recommendations to the SADC Secretariat were elaborated and documented. They were clustered around the following sub-themes: policy development; TVET management information systems/research, monitoring and evaluation, staff development and teacher training; systems and institutional development; and regional coordination. The meeting provided an excellent opportunity to strengthen collaboration with UNEVOC Centres and partners in the SADC Cluster.

The two-day event in Chengdu was attended by 100 participants from 17 countries, including representatives from national, regional and international organizations as well as representatives from seven UNEVOC Centres in China, Pakistan, Nepal, Botswana, Costa Rica, Sri Lanka and Indonesia.

Activities with regional and international partners

Putting frameworks into practice: demand, development and decision

27 February 2012,
Berlin, Germany



UNESCO-UNEVOC participates in ACCC annual conference "Ideas Uncorked"

1 to 3 June 2013,
Penticton, Canada

Skills for a low-carbon Europe: the role of vocational education and training in a sustainable energy scenario

26 April 2012,
Brussels, Belgium

UNESCO-UNEVOC meets with young leaders during Malala Day in New York

12 July 2013, New York,
United States of America



UNESCO-UNEVOC participates in Asia-Europe Meeting on TVET for the Hospitality and Tourism Sector

20 to 21 November 2012,
Vienna, Austria

International Forum on new trends in water-related capacity development

Session at the International Forum: "New Trends in Water-Related Capacity Development", 25 April 2013, Berlin, Germany

UNESCO-UNEVOC joins a conference for UN Agencies and Horizon 2020: Research interests and partnering 28 November 2013, Bonn, Germany

IFAT Entsorga Trade Fair for Water, Sewage, Waste and Raw Materials Management 7 to 11 May 2012, Munich, Germany

Environment Week in Berlin 6 June 2012, Berlin, Germany

UNESCO-UNEVOC organizes workshops for participants of Bonn International Model United Nations Bonn, Germany



Global Innovators 2013 4 to 7 April 2013, Doha, Qatar

UNESCO-UNEVOC participates in high-level policy dialogue on education and socio-economic development 18 June 2013, Vientiane, People's Democratic Republic of Lao

UNESCO-UNEVOC participates in regional conference on TVET Quality Breakthrough 10 and 11 October 2012, Hanoi, Vietnam

UNESCO-UNEVOC participates in VTEC MENA 2013 in United Arab Emirates 25 to 27 November 2013, Abu Dhabi, United Arab Emirates

UNESCO-UNEVOC supports conference on professionalization and modernization in initial and in-service training of TVET personnel in ASEAN 6 to 8 November 2013, Bangkok, Thailand

UNESCO-UNEVOC supports regional training programme for principals in Asia-Pacific 3 to 7 December 2012, Singapore

UNESCO-UNEVOC provides support to expert meeting on TVET teacher education in Southeast Asia 25 to 28 December 2012, Bangkok, Thailand



Putting frameworks into practice: demand, development and decision

27 February 2012, Berlin, Germany

Shyamal Majumdar participated as inaugural speaker and chaired a technical session at the 2nd Asia-Europe Meeting (ASEM) symposium held on 27 February 2012 in Berlin, Germany. The symposium, organized by the Federal Ministry of Education and Research (BMBF, Germany) and the Federal Institute for Vocational Education and Training (BIBB, Germany) and attended by 60 delegates from 22 countries, focused on qualification frameworks in TVET and was entitled "Putting Frameworks into Practice: Demand, Development and Decision". In his opening speech, Shyamal Majumdar raised the importance of TVET and skills development for the world of work and challenges in achieving the MDGs, Education for All (EFA) goals, socio-economic development, and a better quality of life for individuals and communities.

Skills for a low-carbon Europe: the role of vocational education and training in a sustainable energy scenario

26 April 2012, Brussels, Belgium

On 26 April, UNESCO-UNEVOC participated in a validation workshop entitled "Skills for a low-carbon Europe: the role of VET in a sustainable energy scenario", organized by Cedefop, the European Centre for the Development of Vocational Training. The workshop was held in the context of a Cedefop study conducted in October 2011 about effects on employment and policy implications for TVET of the transition towards a more resource-efficient and sustainable economy. The meeting provided UNESCO-UNEVOC with the opportunity to engage with experts and share its expertise on sustainable development related to TVET.

IFAT Entsorga Trade Fair for Water, Sewage, Waste and Raw Materials Management

7 to 11 May 2012, Munich, Germany

For the second time, UNESCO-UNEVOC participated in the IFAT Entsorga Trade Fair for Water, Sewage, Waste and Raw Materials Management, which was held in Munich from 7 to 11 May 2012. UNESCO-UNEVOC exhibited publications and informational materials related to education and TVET for sustainable development and informed visitors about the work of UNESCO-UNEVOC and UN-Water. With over 100,000 visitors from 180 countries and 2939 exhibitors from 54 nations, IFAT is the world's largest trade fair for water and sanitation. UNESCO-UNEVOC's participation at the IFAT Fair provided an excellent opportunity to present its work to a large and diverse audience.

Environment Week in Berlin

6 June 2012, Berlin, Germany

On 6 June 2012, Shyamal Majumdar visited the Environment Week exhibition in Berlin. On the invitation of the German President, in collaboration with the German Federal Environmental Foundation (DBU), this exhibition was held in the park of Schloss Bellevue, the official residence of the Federal President. It provided the opportunity for about 200 companies, institutions, research institutions, associations and initiatives to present new technologies, projects and concepts for a sustainable and efficient use of global resources. Majumdar participated in a discussion on green occupations, organized by WorldSkills Germany, in preparation of WorldSkills Leipzig 2013.

UNESCO-UNEVOC participates in regional conference on TVET Quality Breakthrough

10 and 11 October 2012, Hanoi, Vietnam

Held on 10 and 11 October 2012 in Hanoi, Vietnam, the conference entitled "TVET Quality Breakthrough" aimed at discussing how to upgrade the quality and enlarge the scale of TVET in Southeast Asian countries. The conference was jointly organized by the Vietnamese Ministry of Labour, Invalids and Social Affairs (MoLISA) and the German Federal Ministry of Economic Cooperation and Development (BMZ). Participants were ministries, and senior delegates from Asian countries, TVET experts, business representatives, international organizations and research communities. The conference drew special attention to:

- occupational standards,
- cooperation with the private sector,
- TVET teaching staff, and
- financing of TVET.

Shyamal Majumdar delivered a keynote speech and took part in the panel discussion, where he advocated for TVET teachers as being the backbone of ensuring TVET quality. The conference highlighted the growing importance of TVET in the context of the Association of Southeast Asian Nations (ASEAN) regional integration and provided a platform to share experiences, enhance regional networking and formulate recommendations for raising the quality of TVET among ASEAN countries.

UNESCO-UNEVOC participates in Asia-Europe Meeting on TVET for the Hospitality and Tourism Sector

20 and 21 November 2012, Vienna, Austria

UNESCO-UNEVOC participated in the Asia-Europe Meeting (ASEM) Workshop on "TVET for the Hospitality and Tourism Sector" held on 20 and 21 November 2012 in Vienna, Austria. The workshop was organized by the Austrian Federal

Ministry for Education, the Arts and Culture, a UNEVOC Centre. The ASEM meeting brought together representatives from member countries and thematic experts to exchange views in the field of hospitality and tourism. Presentations focused on cooperation between Asia and Europe and international research projects in the area of hospitality and tourism education.

UNESCO-UNEVOC supports regional training programme for principals in Asia-Pacific *3 to 7 December 2012, Singapore*

From 3 to 7 December 2012, Colombo Plan Staff College (CPSC) in partnership with the Ministry of Foreign Affairs, Singapore, and in collaboration with UNESCO-UNEVOC, held a regional training programme for principals and government officials at the ITE College West in Singapore. The five-day programme addressed innovations and developments for administration of TVET institutions as well as pedagogical topics such as leadership and organization transformation for sustainable TVET; curriculum design and development, and quality teacher developments. The programme also included a study visit of the ITE College East campus. The programme was attended by 18 principals and senior officials from different TVET institutions and colleges from Asia and the Pacific region.

UNESCO-UNEVOC provides support to expert meeting on TVET teacher education in Southeast Asia

25 to 28 December 2012, Bangkok, Thailand

With the support of UNESCO-UNEVOC and Rajabhat Universities Network, SEAMEO VOCTECH organized an expert meeting focused on sharing the current status and identifying a research agenda of TVET teacher education in Southeast Asia and the Asia-Pacific region. Ten TVET experts from Brunei Darussalam, Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Singapore, Thailand, Vietnam and Nepal participated in the meeting. Recommendations included developing stronger linkages with industry and their needs, enabling the practical and hands-on industrial exposure of TVET teachers, and establishing an internationally accepted TVET teacher education standard framework for the region.

Global Innovators 2013 *4 to 7 April 2013, Doha, Qatar*

The College of the North Atlantic – Qatar, a UNEVOC Centre, in partnership with UNESCO-UNEVOC, the UNESCO Doha Office and Qatar Petroleum, organized the Global Innovators 2013 conference at the Qatar National Convention Centre (QNCC) in Doha. With the theme "Leading and Learning in Technical and Vocational

Education," Global Innovators 2013 was the first international TVET event in Qatar and the region. The three-day event brought together the world's leading practitioners in TVET to discuss the global challenges in TVET development, placing learners at the centre of the dialogue. The global event attracted 650 participants from 42 countries.

Opening remarks were delivered by Anna Paolini from UNESCO Doha Office. In her opening speech, she highlighted how Global Innovators 2013 contributes to the sharing of experiences and development of new ideas towards innovate pedagogical approaches to better prepare students for the demands of the labour market and enable them to reach their aspirations. Keynote presentations and sessions touched upon a wide range of themes and initiatives focusing on teaching and learning, supporting learners, leadership and innovation, applied research, counselling, and regional cooperation. Lisa Freiburg, UNESCO-UNEVOC, and Sulieman Sulieman, UNESCO Beirut, jointly presented the outcomes of a four-year project on entrepreneurship education. The event included an exhibition that featured local and international organizations and also included a UNESCO booth where visitors could find key TVET publications and information materials. The conference provided the opportunity for UNESCO to continue the debates held at the Third International TVET Congress and highlighted the importance of identifying the needs and aspirations of learners and teachers in TVET by using technology and stimulating innovative solutions to the challenges of the 21st century.

International Forum on new trends in water-related capacity development

Session at the International Forum: "New Trends in Water-Related Capacity Development", 25 April 2013, Berlin, Germany

On the occasion of Wasser Berlin 2013, UNESCO-UNEVOC in collaboration with the UN-Water Decade Programme on Capacity Development (UNW-DPC) organized a session entitled "Adding Value in Water-Related Capacity Development" during the international forum focusing on new trends in water-related capacity development on 25 April 2013 in Berlin, Germany. The session aimed to raise awareness on some of the current new trends in water-related capacity development, introduce new approaches in water-related capacity development and discuss the key issues pertaining to new learning technologies and capacity development for professionals and students.

In an interactive debate between an expert group of panellists and listeners, UNW-DPC and UNESCO-UNEVOC provided an overview of new technological trends, examples of practical experience and possible challenges along the way related to the advancing water-related capacity development for a range of targeted social groups. Shyamal Majumdar presented on the role of UNESCO-UNEVOC as a clearinghouse for TVET, and UNESCO-UNEVOC's work in the areas of emerging skills development especially demanded by the water and wastewater industry.

UNESCO-UNEVOC participates in ACCC annual conference "Ideas Uncorked"

1 to 3 June 2013, Penticton, Canada

From 1 to 3 June 2013, and on the occasion of the Annual Conference of the Association of Canadian Community Colleges (ACCC), a Pan-Canadian UNEVOC Centre, Shyamal Majumdar held a keynote speech as part of a debate on Enriching Peoples and Communities. In his keynote speech, Majumdar emphasized the need for further involvement of UNEVOC Network members in transforming TVET in their respective countries. 45 technical and vocational training centres from Argentina, Bolivia, Brazil, Colombia, Chile, Paraguay, Senegal, Nigeria, Bangladesh and India attended the meeting. The Annual Conference of the ACCC entitled "Ideas Uncorked" made it possible for delegates to share ideas and showcase current developments in their organization, as well as in initiatives in post-secondary education. The 19 countries were represented by over 700 institutional leaders, partners, faculty and students.

UNESCO-UNEVOC participates in high-level policy dialogue on education and socio-economic development

18 June 2013, Vientiane, People's Democratic Republic of Lao

Shyamal Majumdar joined over 50 representatives from various ministries, international development agencies and the private sector. The meeting took place on 18 December 2012 in Vientiane, People's Democratic Republic of Lao, and aimed to identify future education policy directions for Lao PDR.

Organized by the Ministry of Education and Sport of Lao PDR, the event focused on the national education policy reform directions needed towards supporting social and economic growth in Lao PDR. Among the international development partners present were the Australian Agency for International Development (AusAID), The United Nations Children's Fund (UNICEF), Asian Development Bank (ADB), World Bank, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), Korean International Cooperation Agency

(KOICA) and the Institute for International Cooperation of the German Adult Education Association (DW International). Majumdar focused his presentation on the three priority areas for the development of TVET in Lao PDR, namely: improving the quality of TVET, enhancing the management and administration, and strengthening public-private partnership. He also emphasized the importance of transforming TVET systems instead of merely scaling them up. Other sessions evolved around the need for advancing the quality assurance system of TVET and increasing its accessibility and public awareness.

UNESCO-UNEVOC meets with young leaders during Malala Day in New York

12 July 2013, New York, United States of America

On 12 July 2013, 500 young leaders from around the world gathered at the United Nations in support of the United Nations Secretary-General's Global Education First Initiative and listened to 16-year old Malala Yousafzai calling for world leaders to make universal education a reality. The event, which marked Malala's 16th birthday, provided young people and organizations with a chance to discuss education priorities and build an understanding of the action needed to achieve quality education for all. Katerina Ananiadou, Programme Specialist at UNESCO-UNEVOC, spoke to young leaders about the role of TVET in tackling youth unemployment. It was a unique opportunity for UNESCO-UNEVOC to collect feedback from young people and advocate for the importance of TVET in accomplishing universal education that is relevant, lifelong and sustainable.

UNESCO-UNEVOC supports conference on professionalization and modernization in initial and in-service training of TVET personnel in ASEAN

6 to 8 November 2013, Bangkok, Thailand

The development of effective policies for the professionalization of TVET teachers and related staff is highlighted in the Shanghai Consensus as essential in efforts to expand the access and improve the quality of TVET. The Consensus strongly advocates "the development of policies and frameworks for professionalizing TVET staff". The importance of modernizing the training of TVET personnel is also stressed in the ASEAN Leaders Statement on Human Resources and Skills Development for Economic Recovery and Sustainable Growth. In this context, and in line with the 'Busan partnership for effective development cooperation', GIZ Magdeburg in collaboration with UNESCO-UNEVOC, OVEC Thailand and HRD Korea organized an International TVET experts meeting on professionalization and modernization in initial and in-service training of TVET personnel in ASEAN from 6-8 November 2013 in Bangkok, Thailand.

The meeting facilitated the exchange of national and international experiences with regard to the status of education and training of TVET teachers and instructors. Through a range of panel discussions, emphasis was placed on the future requirements to modernize teacher education and training, identify opportunities for networking and cooperation, and mobilize national, regional and international support to advance the education and training of TVET teachers and instructors across the ASEAN region. Imke Kottmann, UNESCO-UNEVOC, delivered a presentation on the outcomes of a virtual conference on TVET teacher education held in 2012, which highlighted the need to improve both pre-service and in-service training to ensure that both the technical and pedagogical skills of TVET teachers are up to date.

The meeting was attended by 100 participants from Thailand, Malaysia, Vietnam, Lao PDR, Myanmar, Korea (ROK), Brunei Darussalam, Germany, Indonesia and Cambodia. Participants included regional TVET teachers, alumni of the GIZ International Leadership Training programme and representatives from international and regional organizations such as CPSC, SEAMEO VOCTECH, ASEAN Secretariat, UNESCO Bangkok, GIZ and UNESCO-UNEVOC.

UNESCO-UNEVOC participates in VTEC MENA 2013 in United Arab Emirates

25 to 27 November 2013, Abu Dhabi, United Arab Emirates

From 25 to 27 November 2013, Shyamal Majumdar travelled to United Arab Emirates to participate in VTEC MENA 2013 and visit a number of TVET institutions in Dubai and Abu Dhabi.

VTEC MENA 2013, organized by GetEnergy, a global education and training marketplace for the oil and gas industry, aimed at facilitating networking between both education stakeholders and oil and gas companies, and provided a platform to establish partnerships. Shyamal Majumdar delivered an opening address on the importance of the involvement of industries in TVET. In side meetings, Majumdar held discussions with representatives from the National Qualifications Authority (NQA) including Thani Al Mehaire, General Manager and Deputy Manager, Abu Dhabi Center for Technical and Vocational Education and Training (ACTVET) and the Knowledge and Human Development Authority (KHDA) in Dubai. The conversations focused on potential areas for collaboration with UNESCO-UNEVOC and the UNEVOC Network.

UNESCO-UNEVOC joins a conference for UN Agencies and Horizon 2020: Research interests and partnering

28 November 2013, Bonn, Germany

On Thursday 28 November, UNESCO-UNEVOC joined the conference: "UN Agencies and Horizon 2020: Research Interests and Partnering" organized by Euro Consult Research and Education at the Bonn University Club. The event was organized to bring together scientists and researchers from North Rhine-Westphalia and UN organizations. UN representatives presented the research interests of their respective agencies and discussed with representatives of scientific institutions the possibility of developing joint proposals within the context of the European Union's Framework Programme for Research and Innovation, Horizon 2020. Within this framework the EU provides financial support for cross-cutting research and innovation in the EU – and with partner countries – from 2014 to 2020, with the aim to create new growth and jobs in Europe.

Alix Wurdak and Dagmar Winzier presented the work of UNESCO-UNEVOC and discussed with participants possible areas of cooperation and joint research with UNESCO-UNEVOC under the EU Horizon 2020 framework. They also highlighted the relevance of skills development for the world of work to the aims and goals of Horizon 2020.

UNESCO-UNEVOC organizes workshops for participants of Bonn International Model United Nations

In 2012 and 2013, UNESCO-UNEVOC organized post-conference workshops for students from the Bonn International Model United Nations (BIMUN) conference, which takes place every year at the World Conference Centre in Bonn, Germany. The workshops provided a small group of students the opportunity to become familiar with the work of UNESCO-UNEVOC. During the 2012 workshop, students shared their views and experiences on addressing the global challenge of youth unemployment linked to the current economic climate in the context of a case study, while the 2013 workshop focused on the topic "greening TVET". Both themes are key priorities for UNESCO-UNEVOC. Quote of a participating student: "(...) Familiar, cosy yet exceptional professional working environment characterized the workshop. We experienced some of the activities of the UNESCO-UNEVOC by doing it ourselves: interactive, fascinating and eye-opening" (BIMUN annual report, 2013).

Engagement with the host country

In 2012-2013, UNESCO-UNEVOC further reinforced its relationship with the host country Germany. UNESCO-UNEVOC strengthened its ties with the Federal Ministry for Economic Cooperation and Development (BMZ) and the Federal Ministry of Education and Research (BMBF) in the shaping of its activities. In addition, UNESCO-UNEVOC continued its collaboration with other stakeholders in Germany, including Federal and State Ministries, universities, NGOs, the private sector and the City of Bonn⁴.

The Centre's close ties with BMZ and BMBF are demonstrated through cooperation on the two projects "Forging regional harmonization for the advancement of TVET transformation through networking and partnership" (BMZ) and "Strengthening national capacities for improving TVET systems, policies and practices in advancing green societies and economies" (BMBF and BIBB) and are further exemplified by the Memorandum of Agreement for loaned experts, through close collaboration on a number of events at WorldSkills Leipzig 2013, and through mutual participation at conferences and meetings organized by BMZ, BMBF and UNESCO-UNEVOC.

In close collaboration with the German Federal Institute for Vocational Education and Training (BIBB), UNESCO-UNEVOC hosted a series of lectures of distinguished professionals in the field of international TVET consulting, including by Madlen Serban from the European Training Foundation, as part of the 'International Advisory Academy', an initiative by BIBB.

UNESCO-UNEVOC also worked intensively with the German Association for Water, Wastewater and Waste (DWA) in the development of a booklet "Skills Challenges in the Water and Wastewater Industry" and on a number of water-related events, including IFAT 2012 and Wasser Berlin 2013.

Memorandum of Agreement of future collaboration between UNESCO-UNEVOC and BIBB

On 28 May 2013 a "Memorandum of Agreement" was signed by UNESCO and Prof. Dr Weiss on behalf of the President of the Federal Institute for Vocational Education and Training (BIBB). Present were, among others, Shyamal Majumdar, Borhene Chakroun, Head of TVET in UNESCO Headquarters in Paris, and Eckart Lilienthal, Desk Officer of the Federal Ministry of Education and Research (BMBF). To honour this event, a reception was held at the UN premises in Bonn.

The purpose of the Memorandum of Agreement is to cooperate more closely on special projects in the areas of Greening TVET and Youth Employment. Specifically, BIBB committed itself to supporting UNESCO-UNEVOC in these areas by sending two experts from BIBB to work with UNESCO-UNEVOC on these special projects.

This collaboration is inspired by the rising interest and the growing international demand in technical and vocational education and training cooperation. As a result, the immediate need for closer cooperation, usage and strengthening of the UNEVOC Network, of which BIBB is a member, was emphasized as a primary aim.

Mr Lilienthal stressed the great need for support of UNESCO-UNEVOC's effort to promote the areas of youth employment and greening TVET in and outside of Germany.

⁴ For detailed description of these activities, see section on partnership and international collaboration

UNESCO-UNEVOC has had its offices at the United Nations Campus in Bonn, Germany, since 2006. The UN Campus hosts 18 agencies which operate in a wide variety of areas, all connected through the contribution they make to sustainable development.



German Federal President Joachim Gauck with UN Heads of Agencies during his visit in September 2013.



UN Bonn: Working towards sustainable development worldwide

UNESCO-UNEVOC has had its offices at the United Nations Campus in Bonn, Germany, since 2006. The UN Campus hosts 18 agencies which operate in a wide variety of areas, all connected through the contribution they make to sustainable development. UN Agencies headquartered or with large offices in Bonn include the Secretariat of the United Nations Framework Convention on Climate Change (UNFCCC), United Nations Convention to Combat Desertification (UNCCD), United Nations Volunteers (UNV) and the United Nations University (UNU)

In October 2013, Shyamal Majumdar was given the honour to become Chair of the Heads of Agencies Forum. As a Chair, Majumdar convenes and chairs Heads of Agency meetings, acts as addressee for communication that concerns the community of UN organizations in Bonn and Germany, and represents the UN in Bonn. The term of a Chair is for one year and is accorded on a rotational basis across the UN organizations in Bonn.

German Federal President visits United Nations Campus in Bonn

On 12 September 2013, the UN Heads of Agencies and staff based in Germany were honoured to welcome the German Federal President Joachim Gauck to the UN Campus in Bonn.

During this unique visit, the Federal President expressed his appreciation for the work of the United Nations and stated that "Bonn has become a real hub of the UN and I am glad to see that you, staff from all over the world, are here, in Bonn and work on these significant issues." During a roundtable discussion with the Heads of UN Agencies, the Federal President was briefed on the important contribution that the UN in Germany is making to sustainable development – tackling climate change, working towards social inclusion and striving for poverty eradication. Shyamal Majumdar highlighted the importance of education and building capacity in the context of human rights and sustainable development, particularly the role of TVET in meeting these challenges.

Afterwards, a special reception was held where UN staff had the opportunity to meet the Federal President. In this setting, Gauck addressed staff by stating the historical significance of their work at the UN in Bonn in the context of Germany's 40 years of membership in the UN system.

UN Day provides a great occasion for the team of UNESCO-UNEVOC to interact with citizens and visitors from Bonn.

UN Day in Bonn

UN Day marks the anniversary of the founding of the United Nations on 24 October 1945. As the German UN city and host to 18 UN organizations, Bonn has had the tradition of celebrating the anniversary with an all-day cultural programme.

Each year, the day is officially opened by the Lord Mayor of Bonn Jürgen Nimptsch. Alongside the cultural programme, all UN agencies based in Germany, international organizations, Federal Ministries and institutions are provided the opportunity to present themselves to the public. In 2012 and 2013, UNESCO-UNEVOC was represented together with the UNESCO Institute for Lifelong learning (UIL) with an information stand in the UN tent. The team of UNESCO-UNEVOC presented its activities and raised awareness of TVET issues through distributing information material and answering inquiries. The events provided a great occasion for the team of UNESCO-UNEVOC to interact with citizens and visitors from Bonn.



Inside UNESCO-UNEVOC

UNESCO staff

Shyamal Majumdar, Head of Office
Katerina Ananiadou, Programme Specialist
Teeluck Bhuwane (until January 2013)

Local staff

Kamal Armanious, Programme Assistant (since May 2013)
Caroline Bajer, Administrative Officer
Kenneth Barrientos, Programme Officer (since September 2013)
Josiane Blanc-Mannheim,
Assistant to the Head of Office
Max Ehlers, IT Focal Point
Lisa Freiburg, Communications Focal Point
Stefanie Hoffmann, Programme Assistant Network (from August 2012 to January 2014)
Ulrike Kraemer, Office Assistant
Aldrich Mejia, IT Support and Multimedia Developer (since August 2012)
Yulia Rubleva, Programme Assistant (until December 2012)
Barbara Trzmiel, Programme Assistant (from March to August 2012)
Naing Yee Mar, Programme Officer (until June 2013)
Alix Wurdak, Publications Focal Point
Carolyn Schaulandt, Assistant Administrative Officer

Experts on loan

Imke Kottmann, Programme Expert GIZ (since April 2013)
Uta Roth, Programme Expert BIBB (since June 2013)
Dagmar Winzier, Programme Expert BIBB (since June 2013)

Acknowledgments

In order to carry out its tasks, UNESCO-UNEVOC involves experts, consultants, and contractors from various fields to contribute to the work. We would like to thank the following individuals that contributed to the work of UNESCO-UNEVOC during 2012-2013:

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Abeer Mustafa El Kiswani, Jordan
Kai Gleissner, Germany
Max Guggenheim, Germany
Marja-Liisa Hassi, Finland
Rüdiger Heidebrecht, Germany
Eila Heikkilä, Finland
Julia Kastrup, Germany
Rajesh Khambayat, India
Hans Kroenner, Germany
Jilani Lamloumi, Tunisia
Felipe Orobón, Germany
Alnewashi Qasem Saleh, Jordan

Oliver Seyffert, Germany
Gita Subrahmanyam, United Kingdom
Karina Veal, Australia
Gert Zinke, Germany

Interns

During 2012-2013, 24 university students participated in the UNESCO-UNEVOC internship programme, gaining valuable professional experience and contributing to the work of the Centre:

Amy Amaya Sanchez, Colombia; Oganive Chingakule, Malawi; Carmen Cuesta Roca, United Kingdom; Soni Fahruri, Indonesia; Kristin Geppert, Germany; Wei-Ming Ho, China; Bohyun Kim, Republic of Korea; Seulki Kim, Republic of Korea; Kristen Klug, USA; Christina Koenig, USA; Artem Kovryzhenko, Ukraine; Curie Lee, USA; Silei Li, China; Aldrich Mejia, Philippines; Mmamosa Moeketsi, South Africa; Donald Mziray, Tanzania; Toyin Oshaniwa, Nigeria; Victor Quintero Leon, Spain; Yasmine Simillion, Belgium; Estelle Teurquetil, France; Alexander Turnwald, Germany; Oksana Ulanovska, Latvia, Emilie Walker, United Kingdom, Julie Zhu, China.

Retirement

After two years as Head of the UNEVOC Network (2011-2013), including four months as Officer in Charge of UNESCO-UNEVOC (January-May 2011), Mr Teeluck Bhuwane retired in January 2013. As Head of the UNEVOC Network, he initiated a process of revamping the Network with the sincere wish to have a more dynamic, efficient and effective network that plays a leading role in transforming TVET at national, regional and international level. Prior to taking up his post at UNESCO-UNEVOC, Mr Bhuwane was Head of the UNESCO Office and UNESCO representative in Port au Prince, Haiti (2009-2010) and Chief of the Education Section in the UNESCO Regional Bureau for Education in Africa in Dakar, Senegal (2004-2009). Mr Bhuwane now lives in Mauritius where he lectures at the University of Technology (UTM).





Financial report

In the biennium 2012-2013, UNESCO-UNEVOC had the following budget at its disposal:

	2012	2013
	US\$	US\$
Programme funds (regular UNESCO budget)	75,000	75,000
Programme funds (Funds-in-Trust)*	268,096	726,587
Operating funds (Funds-in-Trust)*	262,528	271,243
Total	605,624	1,072,830

*Note: Funding was received in Euro and converted into US\$ at the official UN exchange rate on the date of payment.

In addition to direct budget support, various contributions were provided:

- Three professional staff provided by UNESCO in 2012-2013: one P-5, one P-4 and one P-3
- One 'Expert on loan' provided by GIZ from April 2013
- Two 'Experts on loan' provided by BIBB from June 2013
- Rent-free premises in Bonn provided by the German Federal Government

Thank you so much for your gracious hospitality, your professional support and your vision in promoting TVET in the informal and non-formal sector.

Laila Rashed Iskandar, former CEO CID Consulting, now Egypt Minister of State for Environment Affairs

The UNEVOC visit was an extremely enriching experience both personally and professionally. The work aspect combined with the warm hospitality of the colleagues at UNESCO-UNEVOC made the visit an unforgettable memory. I believe that this is the beginning of a fruitful and long-term relationship.

Abdul Hai Sofizada, UNESCO Kabul



Thank you for this very informative meeting. All my best wishes for your team and your work.

Angelica Schwall-Düren, Minister for Federal Affairs, Europe and the Media of North Rhine-Westphalia

Thank you very much for taking the time to meet with J.P. Morgan and we appreciate your openness in collaborating with us to move forward the workforce development agenda. We very much look forward to a fruitful partnership.

Christen Chen, J.P. Morgan



It is a great pleasure to see the good work being done by UNESCO-UNEVOC and how this is meeting a critical need.

Sujatha Singh, Ambassador of India to Germany



A refreshing experience, it was wonderful to be in an environment where we can share knowledge and talk about TVET. We are excited to become involved in the UNEVOC Network and share common experiences with other countries and generate important insights for South Africa. Thank you for hosting us and giving your valuable time.

Anthony Gewer and Bina Akoobhai, JET Education Services, South Africa



I am grateful for the hospitality. Your smiles were welcoming and made me feel at home. The information I got from the centre (UNEVOC) will definitely help taking Botswana to another level of development. Keep doing the good work.

Grace Muzila, Botswana Ministry of Education and Skills Development

Thank you very much for your hospitality! Today is the kick-off for a wonderful long-term cooperation between WorldSkills Germany and UNESCO-UNEVOC – I'm sure!

Elfi Klumpp, Director of WorldSkills Germany



Thanks for a warm welcome. To learn from UNEVOC colleagues regarding programs was really useful. Best of luck to all of you.

Madlen Serban, Director, ETF

Truly you are making a difference in the lives of institutions around the world. You may not see it now, but shortly you will see the impact of your sacrifice and commitment. You are our inspiration and we will be contacting you from time to time.

Ralecha Mmatli, Botswana Ministry of Education and Skills Development



Appendix

List of visitors to UNESCO-UNEVOC

Visitors	Date	Country
Kerstin Sieverdingbeck TVET division of the German Federal Ministry for International cooperation (BMZ)	30 January 2012	Germany
Nicole Brand Savings Banks Foundation for International Cooperation (SBFIC)	31 January 2012	Myanmar
Yok Sothy National Technical Training Institute	16 March 2012	Cambodia
Nivone Mounghounsavath Vocational Education Development Center	16 March 2012	Lao PDR
Abdul Hai Sofizada Programme Coordinator (Education), UNESCO Kabul	16 March 2012	Afghanistan
David Fretwell Scarcliffe Associates, Paso Roble, California, USA	7 February 2012	Germany
Roland Bernecker Secretary General of the German Commission for UNESCO	22 March 2012	Germany
Delegation National Agency for Vocational Education and Training	23 March 2012	Bulgaria
Arne Baumann European Training Foundation	11 April 2012	Germany
Olga Strietska-Ilina International Labour Organization	11 April 2012	Switzerland
Young-Bum Park President, Korea Research Institute for Vocational Education and Training (KRIVET)	19 April 2012	Republic of Korea
Amitabha Ghosh Scholar and Professor of Alexander von Humboldt Foundation, and Platinum Jubilee Senior Scientist of the National Academy of Sciences in India	4 May 2012	India
Gundegmaa Jargalsaikhan Secretary-General of the Mongolia National Commission for UNESCO	30 May 2012	Mongolia
Madlen Serban Director of the European Training Foundation	21 June 2012	Germany
Laila Rashed Iskandar CID Consulting	26 June 2012	Egypt
Shobha Mishra Ghosh Federation of Indian Chambers of Commerce and Industry (FICCI)	26 June 2012	India
Prof. Rajesh P. Khambayat National Institute of Technical and Teachers' Training and Research	26 June 2012	India
Elfi Klumpp Director, WorldSkills Germany	13 July 2012	Germany

Visitors	Date	Country
Gottfried Ruegenberg, Detlev Gilles, Heinz Sieger Ford of Europe	18 July 2012	Germany
Karen Ing, University of Toronto Ulrike Kind, University of Bonn	20 July 2012	Canada, Germany
Sujatha Singh Ambassador of India to Germany	2 August 2012	India
Claudia Hiepe Programme Officer, UN-Water Decade Programme on Capacity Development (UNW-DPC)	9 August 2012	Germany
Carolyn Medel-Añonuevo Deputy Director and Programme Coordinator of UNESCO-UIL	16 August 2012	Germany
Jürgen Bode, Günter Klein, Tim Stoffel, Henry Ajathi Bonn-Rhein-Sieg University of Applied Sciences (BRSU)	23 August 2012	Germany
Anthony Gewer, Bina Akoobhai JET Education Services	9 October 2012	South Africa
Pierre Troton Director Reep Euroentent Jean-Marc Hetsch PEN International Worldwide Practice Enterprises Network (EUROPEN)	21 November 2012	France
R.N. Bandyopadhyay, L.K. Mukherjee, N. Nath Central Staff Training and Research Institute (CSTARI, Kolkata, India) Sushil Lakra Industrial Adviser Sector Skill Council Rubber Delegation	27 November 2012	India
PROAGUA es el Programa de Agua Potable y Alcantarillado de la Cooperación Técnica Alemana (PROAGUA)	4 December 2012	Peru
Student delegation Bonn-Rhein-Sieg University of Applied Sciences (BRSU)	6 December 2012	Germany
Christen Chen Community Relations Associate J.P.Morgan	10 December 2012	China
Delegation Chinese Council of Private Higher Education	17 December 2012	China
Richard Dictus Executive Coordinator, United Nations Volunteers (UNV)	25 January 2013	United Nations
Matthias Wichmann, Aru David Asia Society for Social Improvement and Sustainable Transformation (ASSIST)	6 February 2013	Philippines
Andre Kraak Consultant, South Africa	19 February 2013	South Africa

Visitors	Date	Country
Simon Yalams University of Technology	15 March 2013	Jamaica
Mr Wörner and Mr Hagmann Lucas Nülle GmbH	16 April 2013	Germany
Ralf Dürrwang Vice President of Corporate Citizenship, Deutsche Post DHL	13 May 2013	Germany
Norbert Fuhrmann, Karen Deisberg Felix-Fechenbach-Berufskolleg	14 May 2013	Germany
Kamini Issar-Ernst Senior Director, FICCI	17 May 2013	Germany
Christian Osterhaus, Silvia Cromm, Roland Strux Don Bosco Mondo Germany	22 May 2013	Germany
GIZ Innovation Prize holders	6 June 2013	Bangladesh, Ethiopia, Germany, India, Mozambique, Sierra Leone
Matthias Pilz German Research Center for Comparative Vocational Education and Training	13 June 2013	Germany
Tami Tevet-Stayerman Galilee Centre for Industrial Training	11 July 2013	Israel
Delegation Central Asia	6 August 2013	Kazakhstan, Kirgizstan, Uzbekistan and Tajikistan
Julia Seim, Kerstin Hoth German Ministry of Environment, Nature Conservation and Nuclear Safety	12 August 2013	Germany
Delegation Southeast Asia	30 August 2013	Lao PDR, Indonesia and Vietnam
Johannes Schlaghecke Festo Didactic Shaji Baby John, Baby John Shaji King's Group	19 September 2013	Germany, India
Andreas Henning Engagement Global Dodo Schulz, Sabine Blom German ESD Agency	23 September 2013	Germany
Pascal Mabile, Connected Schools Nik Kafka, Teach a Man to Fish	17 September 13	France, United Kingdom
Jochen Raschke IHK Akademie Mittelfranken	2 October 2013	Germany

Visitors	Date	Country
Angelica Schwall-Düren Minister for Federal Affairs, Europe and the Media of North Rhine-Westphalia	7 October 2013	Germany
Markus Linten, Sabine Prüstel, Christian Woll BIBB	16 October 2013	Germany
Klaus M. Uckel Director of Division 211, Federal Ministry of Education and Research	22 October 2013	Germany
Grace Muzila, Ralecha Mmatli Ministry of Education and Skills Development	4 November 2013	Botswana
Alessandra Molz ILO-International Training Centre	11 November 2013	Italy
Michael Gessler, Ludger Deitmer, Pekka Kamarainen Institute Technology and Education, University of Bremen	12 November 2013	Germany
Delegation TAFE Directors Australia Thomas Schröder GIZ Regional Cooperation Platform	15 November 2013	Australia
Khalipha Bility, Deputy Minister of Education, Wolfgang Zagel, President of Helog Academy, and Mamaka Bility, President of MedLife Liberia	25 November 2013	Liberia
Roland Strohmeier Project Director, Sequa	29 November 2013	Germany
Mervi Jansson, Tapio Siukonen Omnia - Joint Authority of Education in the Espoo Region	6 December 2013	Finland
Surender Kumar, Consul Consulate General of India in Frankfurt (Main)	11 December 2013	India



United Nations
Educational, Scientific and
Cultural Organization



UNEVOC 

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