Greening Technical Vocational Education and Training and Skills Development for the World of Work

Technical and vocational education and training (TVET) is the strategic entry point for ensuring a world of work that contributes to social cohesion and promotes environmentally sound sustainable development.

TVET and skills development initiatives play a significant role not only in developing human and social capital, but also in promoting necessary skills, knowledge and expertise needed for more sustainable societies and greener economies.

The transition to green economies and sustainable societies requires policy makers, employers and workers, economic, social and environmental actors, educational and training institutions and individual citizens to make the right choices. The shift to low-carbon economies requires not only new regulation, investment and institutional frameworks, but also TVET to engage more systematically in response to the changing job opportunities and skills needs that a green development agenda brings about.

The green transition will bring new employment opportunities but will also alter existing jobs. In order to avoid high social costs and, at the same time, to tap the employment potential of green jobs, TVET needs to anticipate and respond to skill changes needed for successful careers in low-carbon economies. TVET systems need to prepare their learners for being responsible and well-informed producers and consumers, and for being able to act competently, creatively and as agents for sustainability in their workplaces and in society at large.

Investment in TVET and skills development initiatives needed for the green transition enhances environmental awareness, competence, innovation and entrepreneurship, and thus opens new market opportunities for environmental goods and services, promotes green innovation and green growth, and puts our world on a more sustainable development path.

Interagency Cooperation for Greening TVET and Skills Development

The Interagency Working Group brings together expertise from a wide range of international organizations working in the field of TVET, skills development and the green transformation of the society and economy.

The Working Group is convinced that a collaborative effort is required for meeting the challenges involved in greening TVET and skills development.

The Working Group advocates international partnership and cooperation for promoting the necessary capacities in TVET and skills development for allowing a rapid and equitable shift to greener economies and more sustainable societies.

The Working Group supports initiatives for greening TVET and skills development by raising awareness, providing advocacy, sharing and disseminating good practices, knowledge and expertise, and works under the umbrella of the Interagency Group on TVET.

Challenges and Opportunities

Interagency Working Group's Initiatives

Asian Development Bank
4 Asia Avenue, Mandaluyong City 1550, Metro Manila
www.adb.org

European Centre for the Development of Vocational Training
Europe 122, 570 01 Thessaloniki (Pylea)
www.cedefop.europa.eu

European Training Foundation
Villa Quali, Viale Settiero Severo 65, 10133 Torino
www.etf.europa.eu

International Labour Organization
4 route des Mornes, CH-1211 Geneva 22
www.ilo.org

Organisation for Economic Co-operation and Development
2 rue André Pascal, 75116 Paris
www.oecd.org

United Nations Economic Commission for Europe
Palais des Nations, Avenue de la Paix, 1211 Geneva 10
www.unece.org

UNESCO-UNEVOC International Centre for Technical and Vocational Education and Training
UN Campus, Hermann-Ehlers-Str. 10
53113 Bonn, Germany
www.unevoc.unesco.org

Interagency Working Group's Initiatives
The ILO is a specialized UN agency which promotes decent work for all women and men. It research to inform tripartite decision-making and provides policy advice, methodological guidance supports skills anticipation and development to facilitate the transition to a green economy and for the opportunities contained in the transformation to low-carbon economies the ILO provides support in the following areas:

- Skills for Green Jobs: European Report (2010-11);
- Green Skills and Environmental Awareness in VET (2012);
- Skills for a Low Carbon Europe (2012-13).

The OECD Green Growth Strategy provides recommendations to help governments to identify the policies that can help achieve the most efficient shift to greener growth. Work on greening jobs and skills aims to help strengthen initial education and training systems in order to: build new and valuable skills more effectively to green growth strategies and implementation of climate change commitments. The project will lead to improved knowledge and enhanced capacity in developing countries to create adequate work for green jobs.

Asian Development Bank (ADB): Education and Skills for Inclusive Growth and Green Jobs

ADB is committed to support its Developing Member Countries achieve higher, sustainable and inclusive growth. The ADB's "Education by 2030 – A Sector Operations Plan", seeks to promote new and innovative approaches to improving the quality and relevance of education, particularly in the context of employability and jobs.

The European Centre for the Development of Vocational Training (Cedefop): Contribution to a more Resource-efficient and Sustainable Europe

Cedefop is helping the European Commission, the EU Member States and the social partners to identify present and future skill needs and skill mismatches so that they can develop the right VET policies for Europe. This includes investigating the skills needed for the transition to a more resource-efficient and sustainable economy. Cedefop does this by analysing the expected impact of environmental and climate change policies on the future demand for skills in and across sectors, in this way providing insights that will contribute to effective training and education policies. Key projects in this area are:

- Skills for Green Jobs: European Report (2010-11);
- Green Skills and Environmental Awareness in VET (2012);
- Skills for a Low Carbon Europe (2012-13).

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information:

For more information: