United Nations Educational, Scientific and Cultural Organization

International Centre for Technical and Vocational Education and Training

National and Global Relevance of GTVET

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National and Global Relevance of GTVET

- UNESCO UNEVOC International Centre for TVET
- Greening Technical Vocational Education & Training (GTVET)

National and Global Relevance of GTVI

UNESCO-UNEVOC

Working Areas

- **UNESCO-UNEVOC Network**
- **Advocacy & Capacity Development**
- **Knowledgemanagement & Resource Development**
- **Online Services**

National and Global Relevance of GTVI

TVET becomes High Priority within UNESCO

3rd International TVET Congress:

Transform TVET first, then scale up.

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Transforming TVET

We simply can not grow like this and clean up later

Development in TVET in the last Century has followed primarily the

- ***Economic track***

and has left behind

- ***Environmental and***
- ***Social sustainability***

Factory operation in an industrial city
(Pollution source: mining, processing | Source: www.time.com (2007)

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Transforming TVET

ESD becomes High Priority within UNESCO: DESD

PAST

FUTURE

"The crisis can not be solved by the same kind of EDUCATION that helped in creating the problem".

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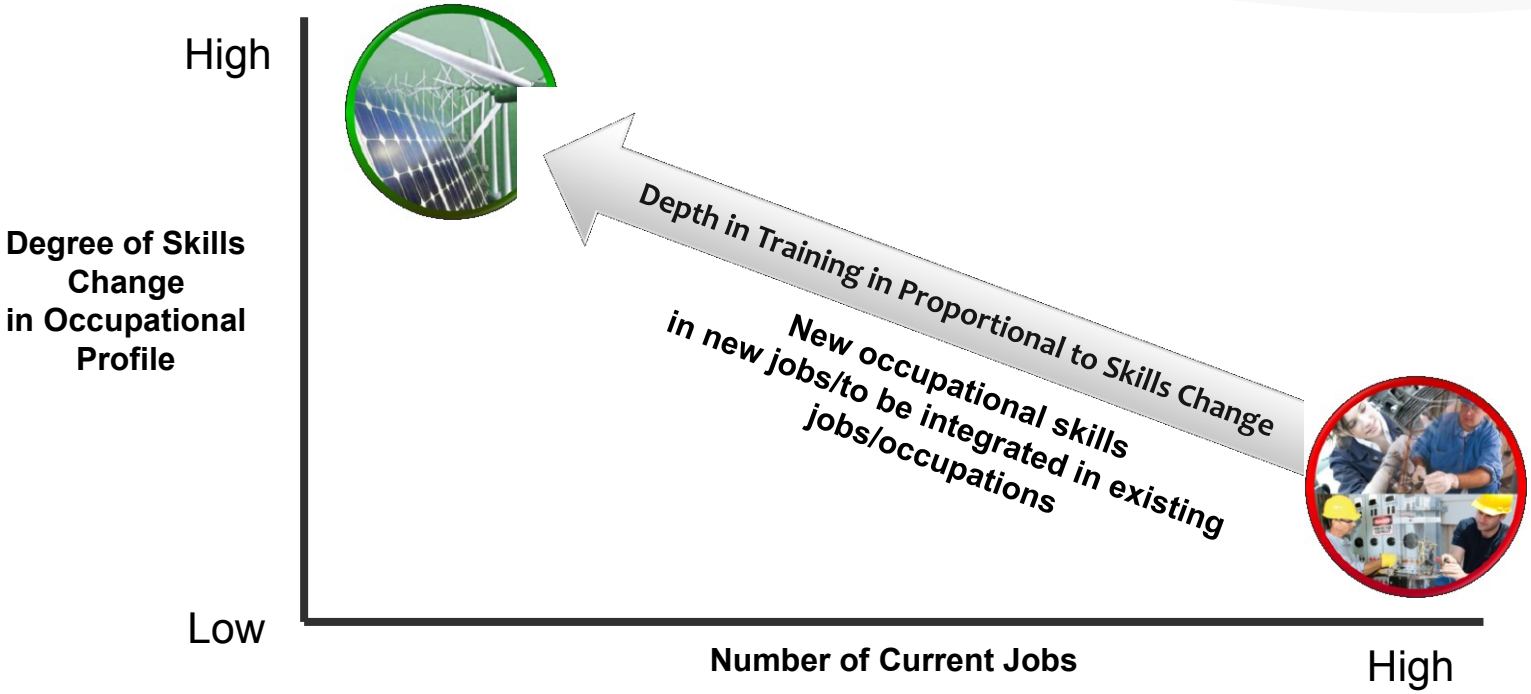
Increasing Demand for Greener Occupational Ski



Shortage of skill manpower is severe in greening industry (UNEP)

National and Global Relevance of GTVET

Transforming TVET - integrating SD

Three Tier Approach and Strategic Strands to GTVET

Institutional Level

- Transforming institution:
- 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 & practices
- Facilitating interagency cooperation
- Supporting capacity building and research

Strategic Strands for Actions

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Transforming TVET - integrating SD

Institutional Level

Green Campus

Green Curriculum

Green Community

Green Research

Green Culture

Managing Campus
- Resource Mngt
- Technology deployment
- Monitoring

Promoting SD
- Infusion Model
- Diffusion Model
- Hybrid Model

Adapting Community
- Capacity Building
- Renewable Tech
- Reduction, Reuse & Recycle
- Green Practices

Fostering Research
- Environmental Research
- Climatic change
- Green Innovations
- Action research

Promoting Culture
- Green Values
- Green Attitude
- Green Practices

A Whole Institute Approach

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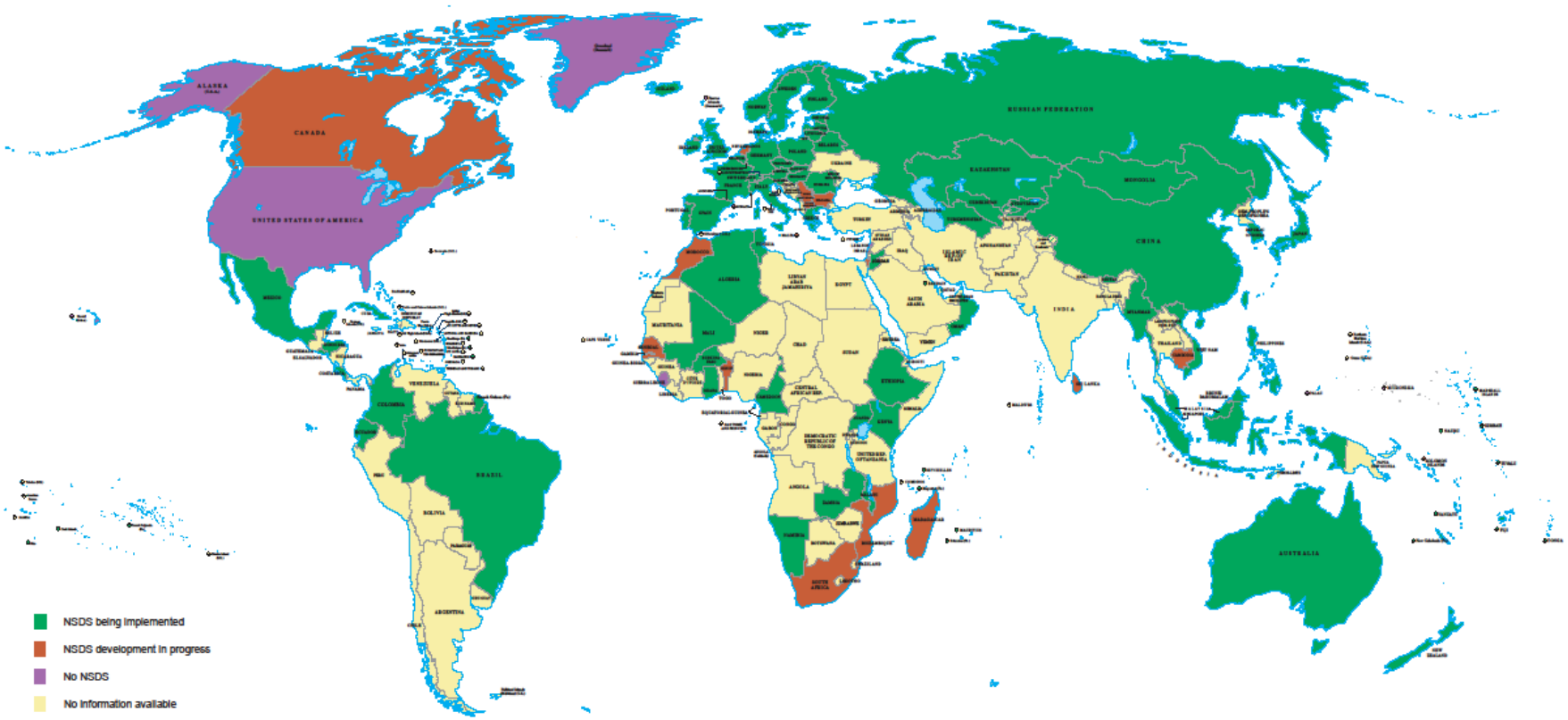
Transforming TVET - integrating SD

National Level

National sustainable development strategies: The global picture



The map tracks progress towards the WSSD (2002) target for countries to formulate and begin implementation of national sustainable development strategies by 2005. The map is updated on a regular basis.
We encourage Governments to submit new information or advise us of corrections through dsd@un.org.

Last update: 4/30/2008

The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations concerning the legal status of any country, territory, city or any area or of its authorities, or concerning the delimitation of its frontiers or boundaries.

* Dotted line represents approximately the Line of Control in Jammu and Kashmir agreed upon by India and Pakistan. The final status has not yet been agreed upon by the parties.
Cross-hatch with the colours used for Jammu & Kashmir (neutral colour) and China

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Global Level

Greening Skills Development is a Global Challenge

Requires Global Response

Inter-Agency Working Group

ETF Working together Learning for life

ILO

CEDEFOP European Centre for the Development of Vocational Training

ADB

OECD

UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE

UNITAR

United Nations Educational, Scientific and Cultural Organization

UNEVOC International Centre for Technical and Vocational Education and Training

Main Objectives of IWG

- Awareness raising and advocacy
- Information and knowledge sharing
- Development of knowledge and learning resources
- Capacity building and skill development

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Transforming TVET - integrating SD

Five Major Principles of NSDS

1. Country ownership and strong political commitment
2. Integrated and coordinated approach among actors
3. Broad participation and effective partnership
4. Development of capacity & enabling environment
5. Focus on outcomes and implementation

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Transforming TVET - integrating SD

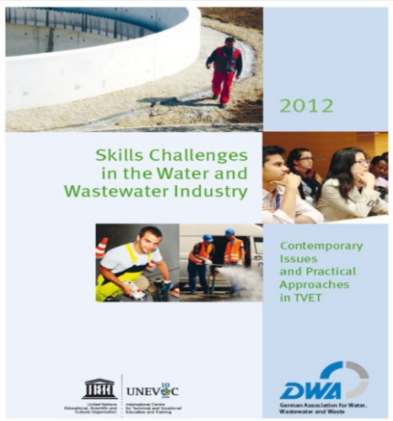
Major Challenges

- Policy Level: Incorporating GTVET framework in NSDS
- Capacity Level: Curriculum, Teachers and Trainers Development
- Advocacy Level : Multi-Stakeholder Partnership (IICP)
- Holistic : Integrating in all forms of Education and sectors
- Research: Collaborative Research

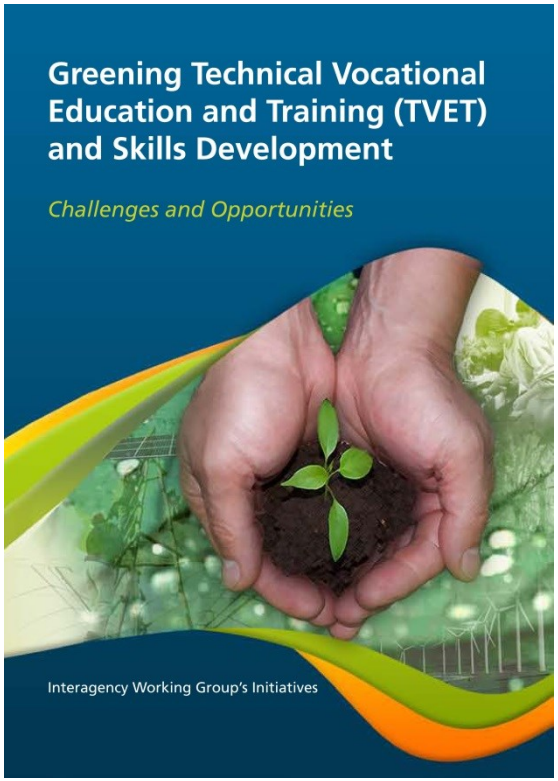
Transforming TVET - integrating SD

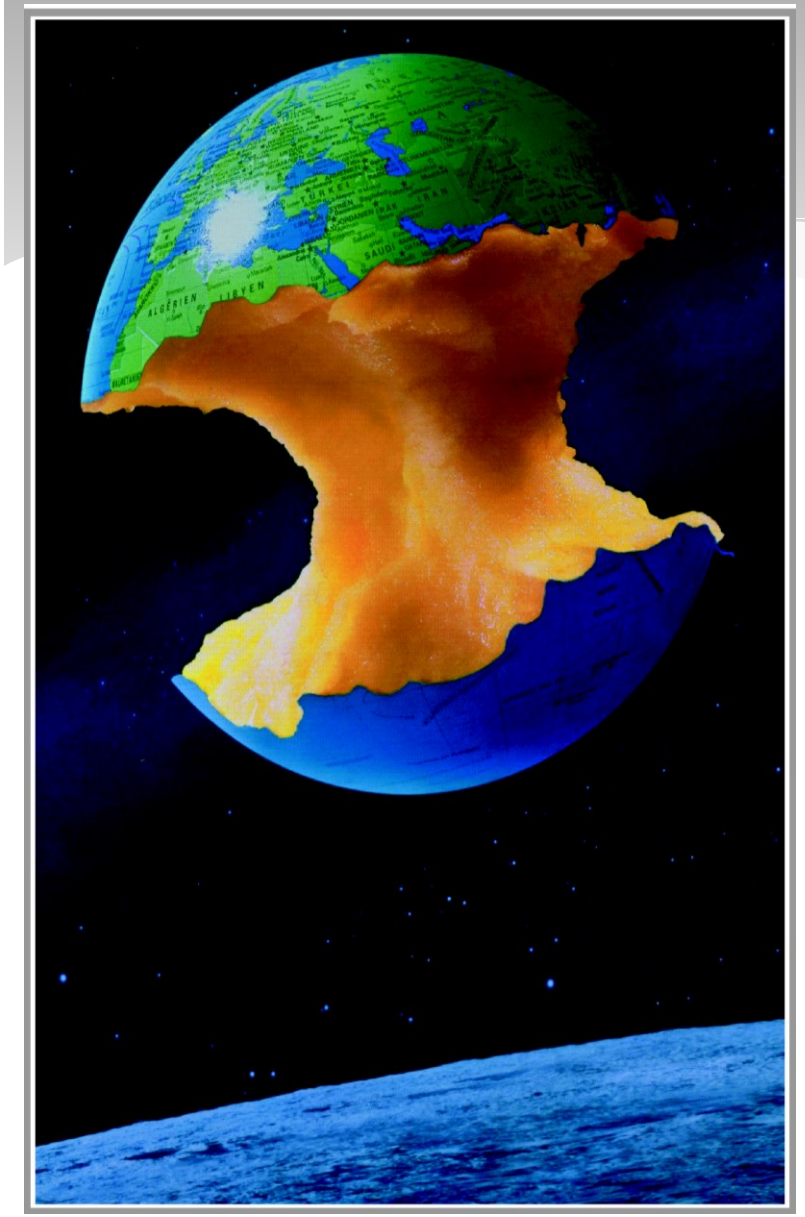
Recent UNEVOC Network Initiatives on GTVET

- Promising practices
- e-Forum discussion
- Greening TVET framework
- Knowledge management and capacity building



e-FORUM
ONLINE CONFERENCE
Greening TVET for sustainable development





"Nature is a Borrowed Wealth that has to be returned to the Future Generation"

Thank you very much for your attention

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