

Greening TVET and skills - Mapping the response to green transition

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Tradespeople are missing the foundational knowledge, communication, time for solving complex problem; an understanding of the ‘interconnectedness’ of tasks & principles of integrated design.

A. Roy, CIGan based on Report of CGBC, 2019



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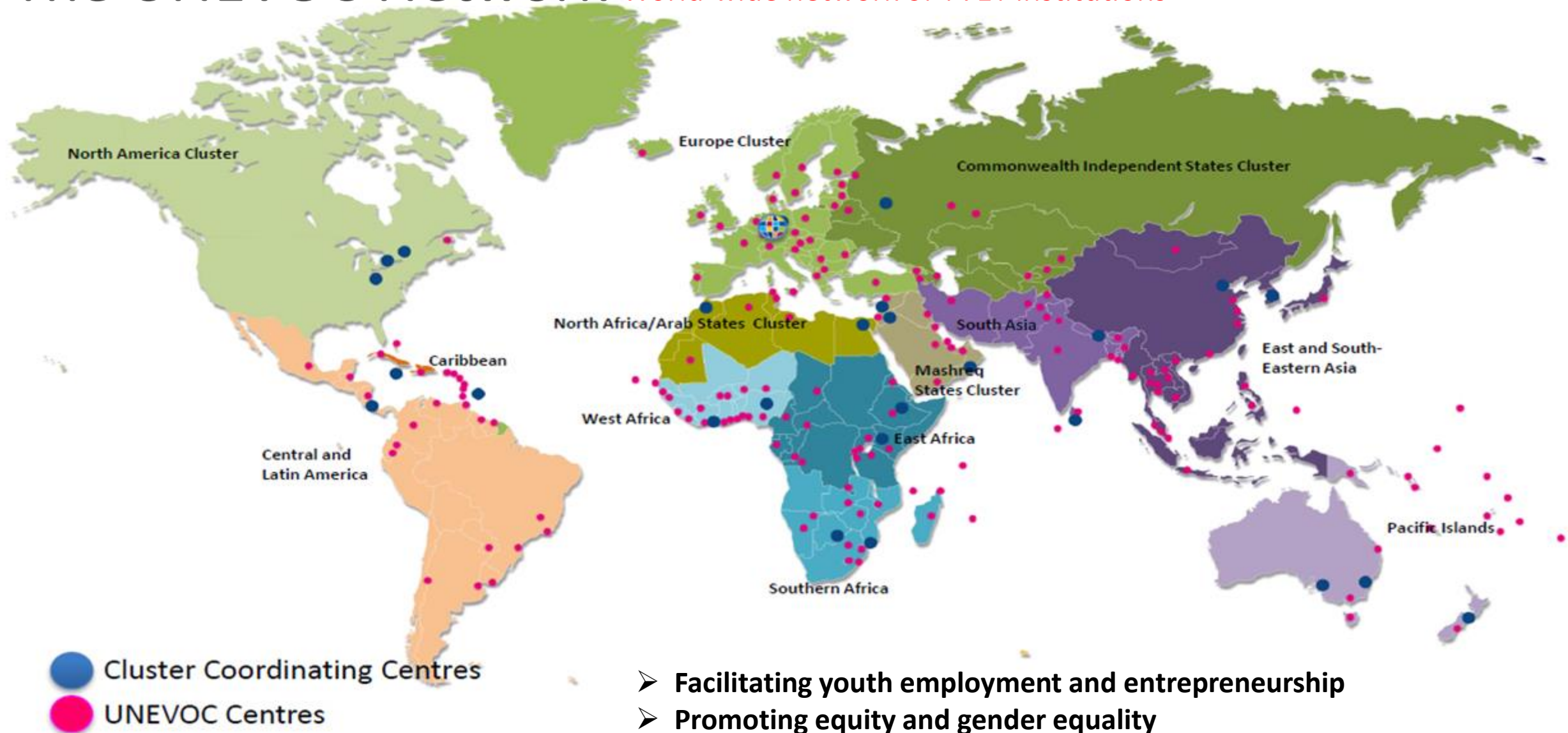
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It is not enough to make an estimation of numbers where skills gap exist, but also strengthen capacities to deliver strategy.

National Urban Livelihoods Mission/
UMC, India (2019)

The UNEVOC Network

World-wide network of TVET institutions



- Facilitating youth employment and entrepreneurship
- Promoting equity and gender equality
- Facilitating transition to greener and digital society



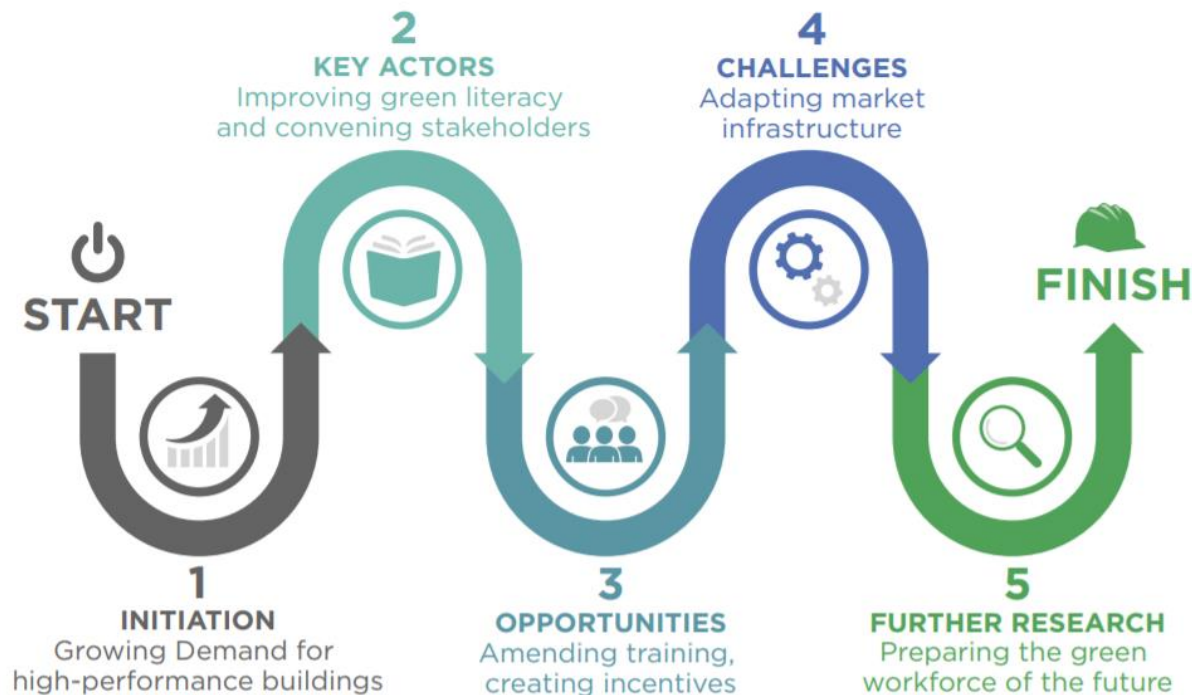
Initial reflections from UNEVOC's review of climate change plans of action, green TVET and skills content *(ongoing)*

- Mali, China, Costa Rica have comprehensive climate change policies but seem to have limited link towards skill development.
- India, Lebanon, Bangladesh, Zimbabwe and Jamaica have started introducing climate change adaptation in different sectoral plans, with special reference to skill development.
- Climate policies and strategies reviewed show that countries are lacking in common definition of 'green job', but many have adopted different approaches to achieve a 'green economy'.

Canada



TRAINING AND EDUCATION ROADMAP



Construction trade (energy efficient bldg.)

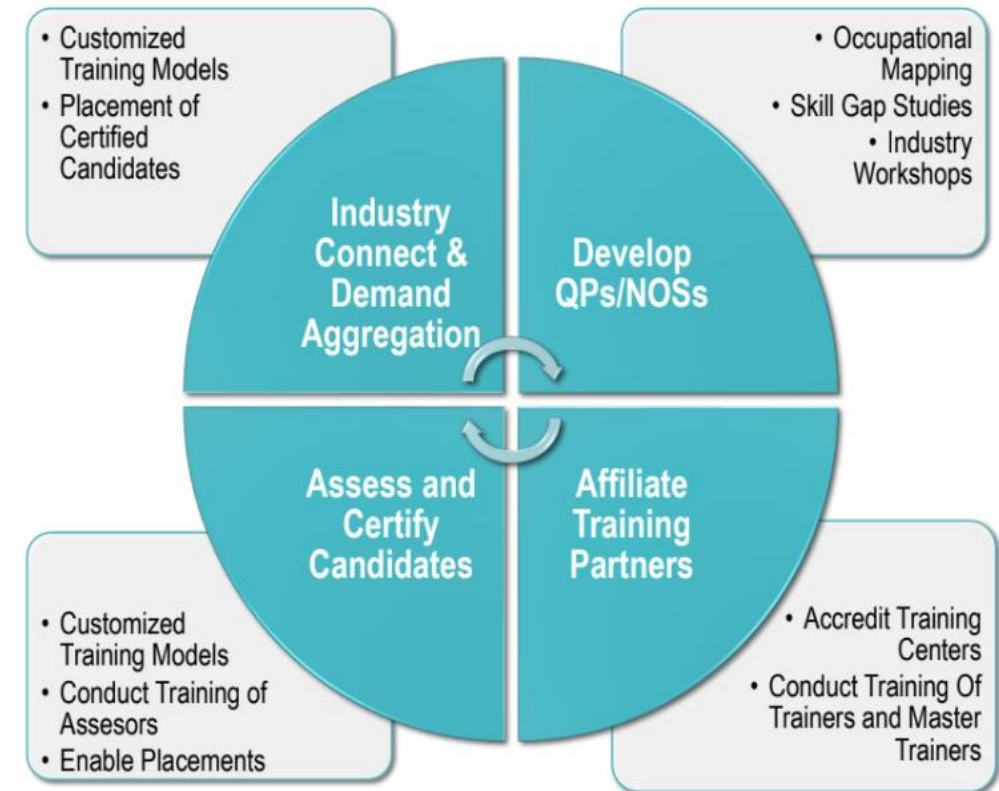
- **Green literacy**
- **Amending training**
- **Adapting market infrastructure**
- **Creating incentives**

Source: A.Roy/CICan sourced from https://www.cagbc.org/cagbcdocs/advocacy/CaGBC_Trading_Up_Skills_Analysis_Report_2019.pdf (2019) presented at the UNEVOC-NSDC Workshop on Greening job profile and curriculum

India

- Training design and implementation framework (implemented by SCGJ)

1. Skill gaps and training needs assessment (Sectoral occupational maps)
2. Design and devt of Qualification packs and curriculum
3. Training materials devt,
4. Training delivery mechanism
5. Feedback monitoring



Source: Saxena (2019) / Skills Council for Green Jobs (2019) presented at the UNEVOC-NSDC Workshop on Greening job profile and curriculum

FAECAL SLUDGE & SEPTAGE MANAGEMENT (FSSM) SKILL GAP ASSESSMENT STUDY

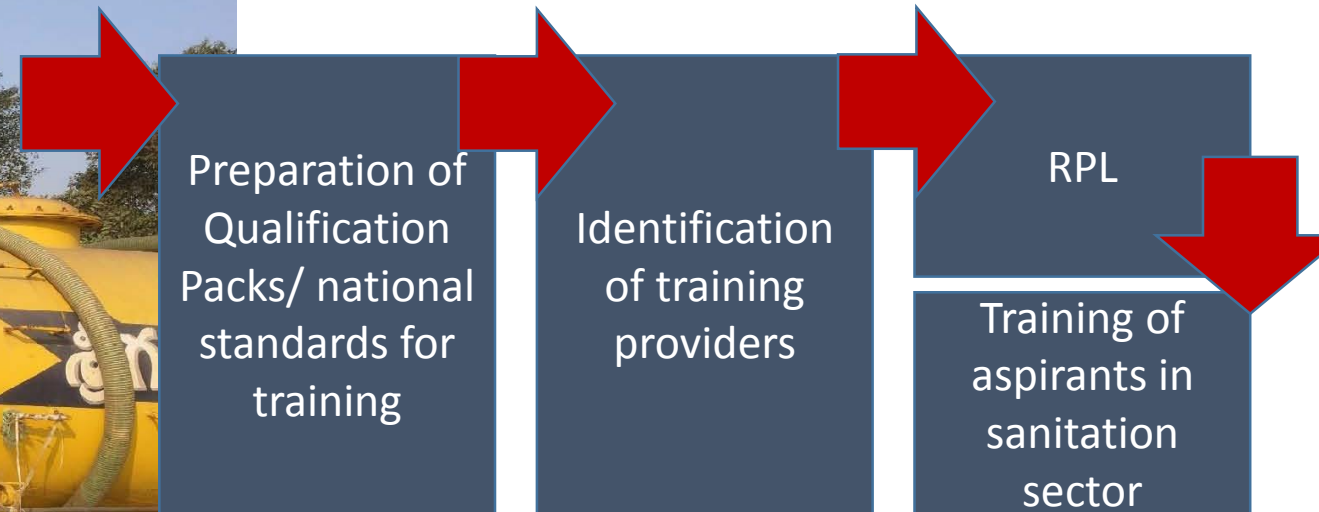


SKILL COUNCIL FOR
GREEN JOBS



- To estimate skill gaps in FSSM sector in India till 2019
- Expected growth and trends of the sector; investment flow
- Existing workforce, both formal and informal
- Specifications / Job Roles and major sourcing hubs
- Anticipated changes in the employment patterns and future requirements along with trends, drivers and development

Sanitation sector



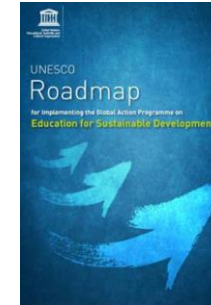
Source: UMC (2019), presented at the UNEVOC-NSDC Workshop on Greening Job profile and curriculum

(i) Policy Coordination mechanisms

- Platform for Advancing Green Human Capital
- Inter-agency Working Group on Greening TVET
- Energy Efficiency network

(ii) Capacity development

- TVET Leaders/managers training
- Greening TVET institutional implementation
- Training: *(a) Teaching staff; (b) policy/standard-setters*



<https://goo.gl/o7FR2b>

<https://bit.ly/2S7xTOF>

(iii) New knowledge generation / research

- Analytical studies
- Trends mapping

(iv) Resource development

- Greening TVET compendium of practices
- Toolkit: Embedding green concepts in occupation standards, job profiles and curriculum
- Online module development





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Thank you!