

SOUTH ASIA SUBREGIONAL WORKSHOP

INCLUSIVE CLEAN ENERGY TRANSITIONS IN BHUTAN AND NEPAL

22-23 May 2025 • Paro, Bhutan



Presentation Outline

1. Vision and Aspiration
2. Implementation Priorities
3. Strategic Focus
4. Learning Pathways
5. Skills Development
6. TVET Program on Green Energy

To Transform TVET into an Attractive Learning and Career Pathway

To produce a competent workforce that is confident, well rounded, productive, resilient and innovative.

To provide TVET education that produces “Work-Ready” , “World-Ready” and “Future Ready” graduates.

PRODUCT TRANSFORMATION



- Aligned to 21st century and IR 4.0 requirements
- Responsive to both local/trans-local labor market needs;
- Holistic & Career centric Programs
- ICT enabled teaching and learning delivery
- Globally benchmarked standard and assessment system

PLACE TRANSFORMATION



- Aesthetically appealing and Green Infrastructure
- Authentic and engaging learning spaces
- Smart and multi-use physical spaces
- Strong ICT and digital infrastructure

PEOPLE TRANSFORMATION



- Visionary and inspiring TVET leaders and managers
- Technically competent and motivated TVET professionals
- Robust HRD system designed for organizational excellence
- Centres of Competence and Centres of Technology

PROCESS TRANSFORMATION



- Agile and sustainable TVET ecosystem
- Robust Information Management System
- Flexible and responsive TVET governance structure
- High performing quality training institutions
- Well functioning partnership and networks, local and trans-local

Enabling Policy and Regulation, Adequate & Sustained Financing, Collective Support and Cooperation

Implementation Priorities

Governance & Management

- Outsource Governance and Management of the TVET Institutes to Foreign Operators

- Swiss, Germany and Korea

Strategic Partnership

- Establish Linkages and Partnership with International TVET Institutes and Industries.

[ITE Singapore, Humber College Canada, Frankfurt Chamber of Skilled Craft, Bern University of Applied Sciences, Kasetsart University, Bangkok]

Execution of National Projects

Participate in the Implementation of Government Projects to Strengthen Work-based Learning

[Remodification of Kelki College at Youngphula into Rehab School, Fabrication of Containers]

Vocationalization of School Curriculum

Initiate Integration of TVET into Basic Schooling System;

Establish Dedicated TVET School along the Korean Meister School Model

Internationalization Of TVET Courses

Promote internationalization of TVET Courses – Hospitality and Traditional Arts and Crafts

Organize Summer School Program, Internship, Student Exchange to market TVET Programs

Strategic Focus

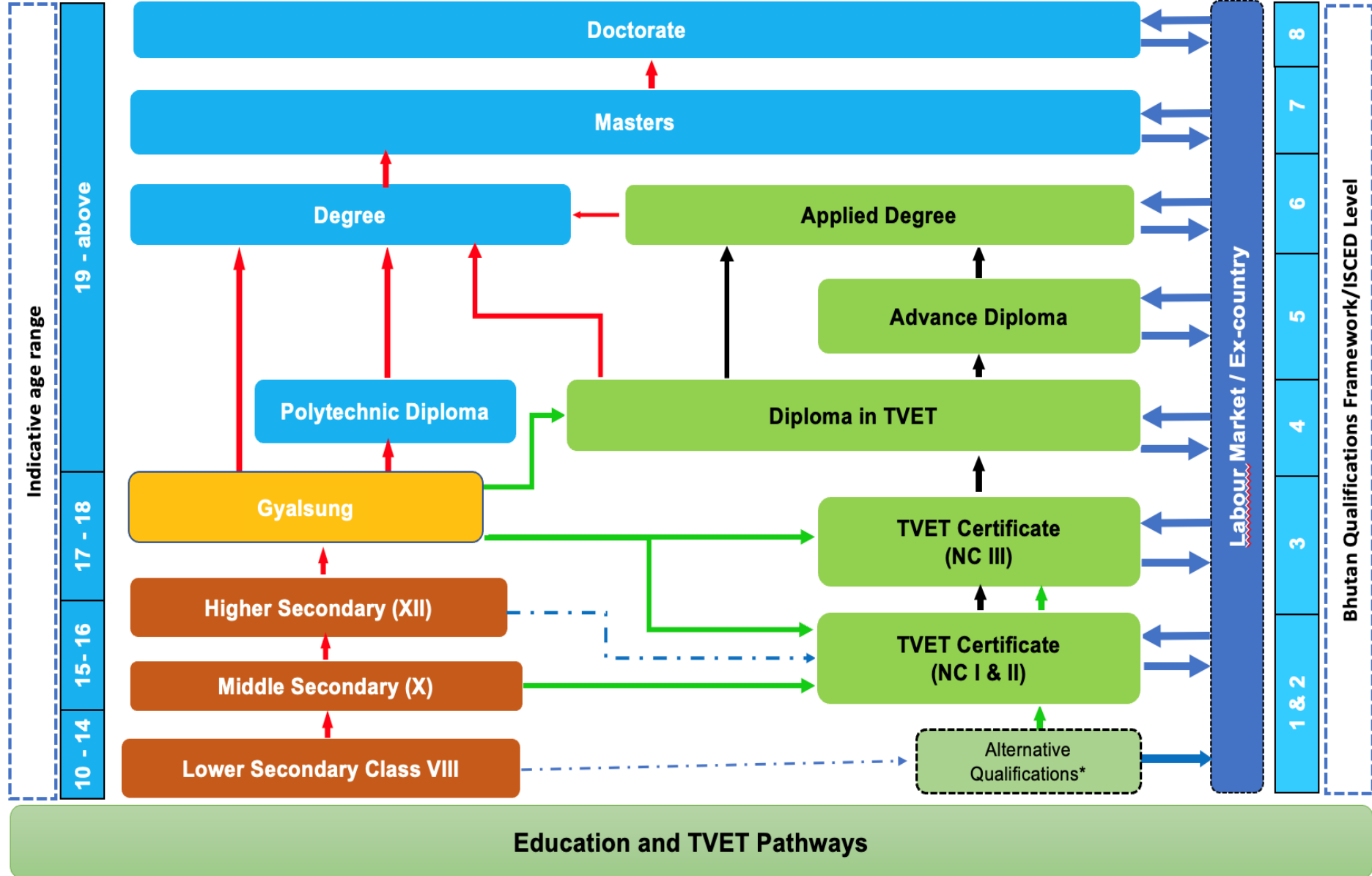


Readiness to Receive Gyalsung Graduates



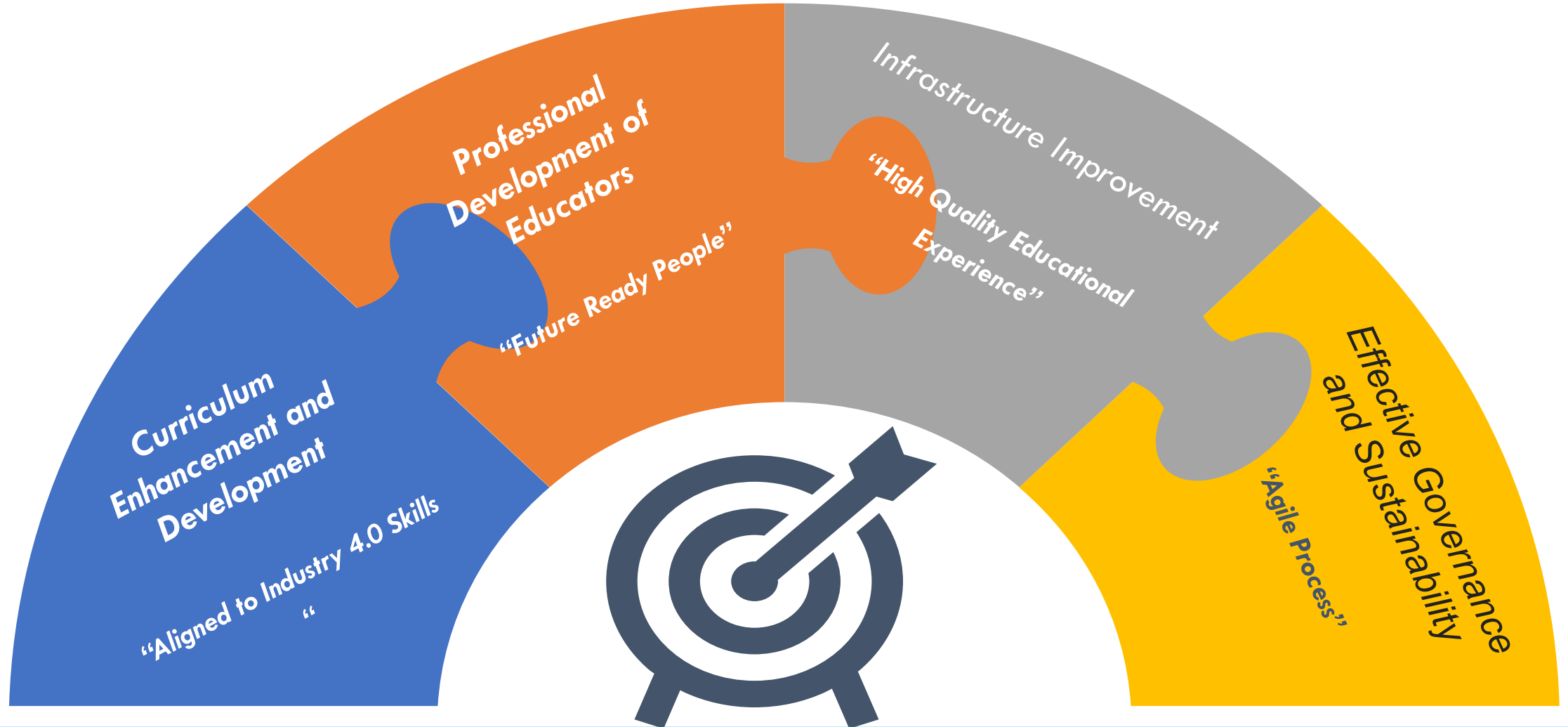
Alignment of Skills Development to the Needs of GMC

Learning Pathways



- Informal Skilling allows for BQF Certification under RPL
- Credit Transfer Modality provides vocational pathways for Gyalsung Graduates
- Hands-on Courses requires BQF Certification to progress to next qualification.
- Grade XII graduates can qualify for IT related courses without BQF Certification

Alignment with National Objectives



Closely linked to the Four Thrust Areas of the 13th FYP, ensuring a Cohesive and Integrated Approach to National Development



❖ Construction

Wood Engineering | Facility Technology
| Plumbing | Landscaping | Construction
Supervision | Furniture Making | Crane
Operator | Advance Welding |

❖ Energy , Transport and Logistics

Electrical Engineering| Industrial
Wiring| Solar and Photovaltaics
| Automotive | Fork Lift| Supply Chain
and Logistics | EV |

Skills for Gelephu Mindfulness City

❖ Services

Event Management | Hair and Beauty
| Interior Design | Heating, Ventilation
and Air Conditioning | Barista | Bar
Tending | Sound and Light | Floriculture
| Bio-Product Development |

❖ IT and Digital Technology

Mobile Robotics, Digital Fabrication,
Electronics| Internet of Things| Cyber
and Network Security | Webapp
Developer |

TVET Programs for Green energy

- **Hydro Power (Short courses and National Certificate Level)**
- **Solar Power (National Certificate 2 &3 and Diploma Level)**
- **Electric Vehicle Maintenance (NC3)**
- **Refrigeration and Air Conditioning (RAC) NC2**
- **Heating, Ventilation and Air Conditioning (HVAC), NC3**

Tashi Delek and Thank You



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