



**Sa TESDA,
Kayang Kaya**

TECHNICAL EDUCATION AND SKILLS DEVELOPMENT AUTHORITY

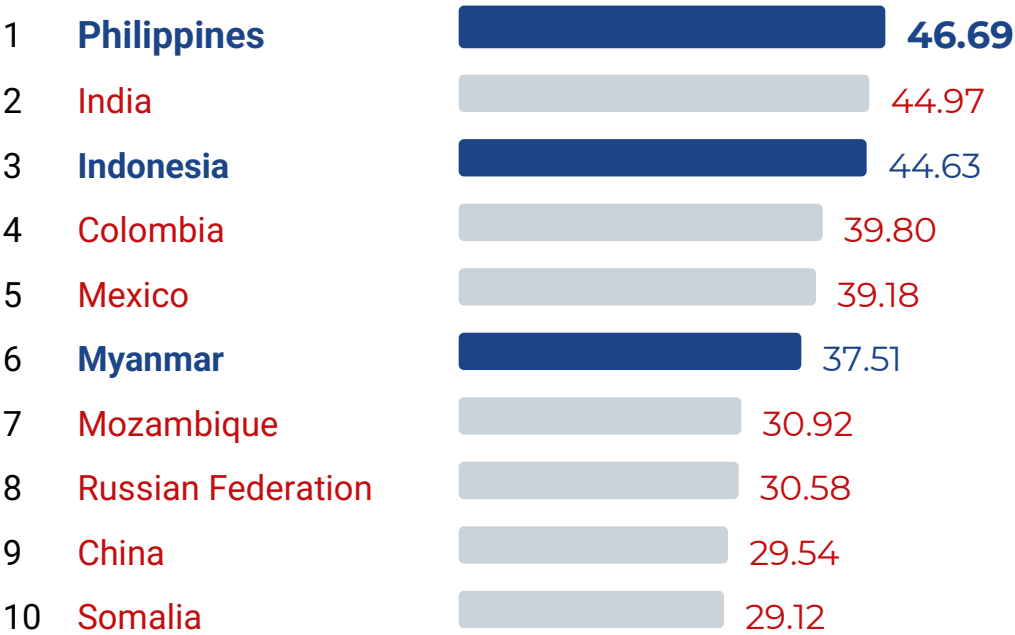
Greening TVET: The Philippine Experience

ASEAN Green Jobs Forum

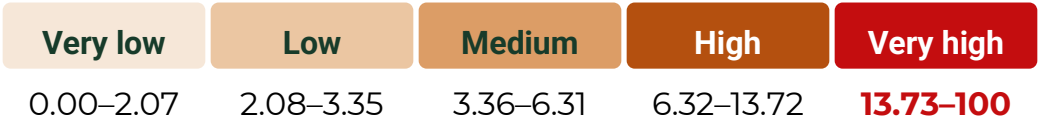
Galo B. Glino III
Deputy Director General

WORLD RISK INDEX 2026 · TOP 10

Blue = ASEAN member-states



Risk classes (World Risk Index score)



COST TO THE PHILIPPINE ECONOMY

1.2%

of GDP lost to typhoons **every year**

Projected losses without stronger adaptation

7.6% 13.6%
by 2030 by 2040

Sources: WorldRiskReport 2026; UNDP Philippines (November 2025)

**As the economy goes green,
some jobs will be...**

Created

Transformed

Substituted

Eliminated

REPUBLIC OF THE PHILIPPINES

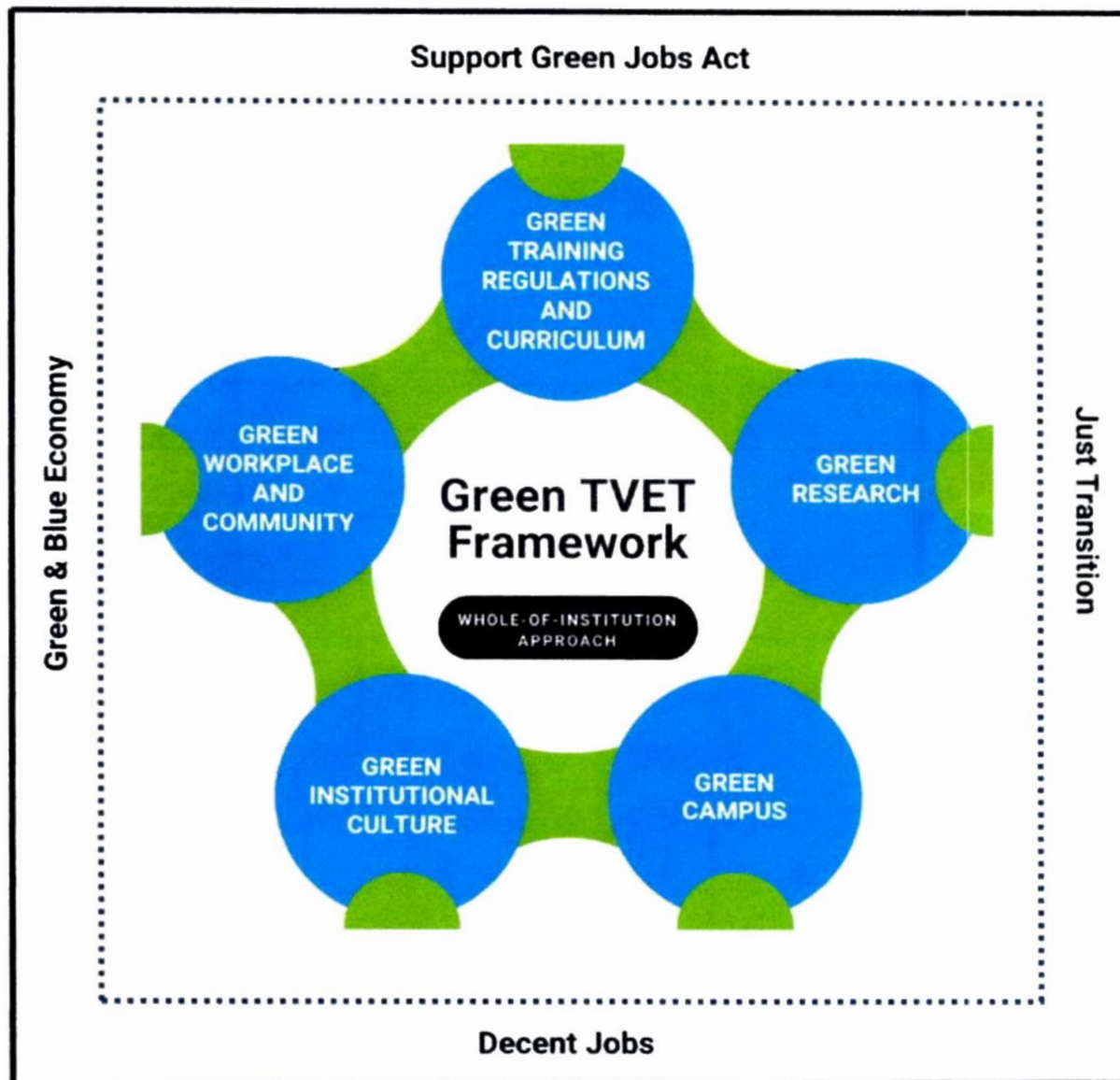
REPUBLIC ACT NO. 10771



Philippine Green Jobs Act of 2016

Mandates TESDA to develop the training programs to prepare the
workforce for the green transition

Approved 29 April 2016



TESDA CIRCULAR NO. 032, S. 2024

Green TVET Framework

Greening the whole technical-vocational education and training (TVET) system, not just its training programs

1 Green Training Regulations & Curriculum

WHAT TESDA IS DOING

IN GREEN INDUSTRIES

Solar and wind qualifications



Photovoltaic System Design NC III



Photovoltaic Installation NC II



Electrical Installation & Maintenance NC II & IV



Wind Turbine Maintenance Services NC III

ACROSS ALL SECTORS

Green skills built into existing training

130

Training Regulations

267

Competency Standards

Climate-smart farming · less construction waste · energy-efficient vehicles

2 Green Research

WHAT TESDA IS DOING

Project SustainABLE with Bayan Academy studied green skills needs in **six priority sectors**

Agriculture &
Fisheries

Ecotourism

Transportation

Renewable Energy

Construction

Manufacturing

Common gaps across all six sectors

- 1 Training capacity must catch up with industry needs
- 2 Industry must co-invest, not just be consulted
- 3 Labor-market intelligence must keep pace with change

3 Green Institutional Culture

WHAT TESDA IS DOING

Green procurement

TESDA is working to adopt green procurement practices that minimize waste and promote resource efficiency

4 Green Workplace & Community

WHAT TESDA IS DOING

IN COMMUNITIES

Solid waste management training

With Coca-Cola Philippines and local government units

55

Graduates of Solid waste management training

2

LGU partners and expanding

IN OUR OWN WORKFORCE

Capacity building for Green TVET implementers

With Bayan Academy

Sustainability courses on LinkedIn Learning

Free, 24/7, for eligible personnel

5 Green Campus

WHAT TESDA IS DOING

Training institutions practicing the sustainability they teach



12 kW

solar photovoltaic installation,
plus LED lighting



Rainwater

harvested and stored for
campus use



PVC scraps

left over from training, recycled

THREE LESSONS FOR OUR FELLOW ASEAN MEMBERS

1

Mainstream green skills across all training programs

Embed green competencies in every TVET qualification, not only in green industries

2

Treat greening as an institutional priority

Not just a curriculum reform: it shapes how institutions operate, train and manage resources

3

Make industry a co-investor

Industry defines green competencies, shares expertise and opens workplaces for training