



Planning Prosperity Together

Greening TVET for Sustainable Development

Ram Hari Lamichhane, PhD
Director General, CPSC

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Presentation Outlines

Introduction

SDGs

Greening TVET and Green Jobs

TVET and Sustainability

Paradigm Shift in TVET

Recommendations



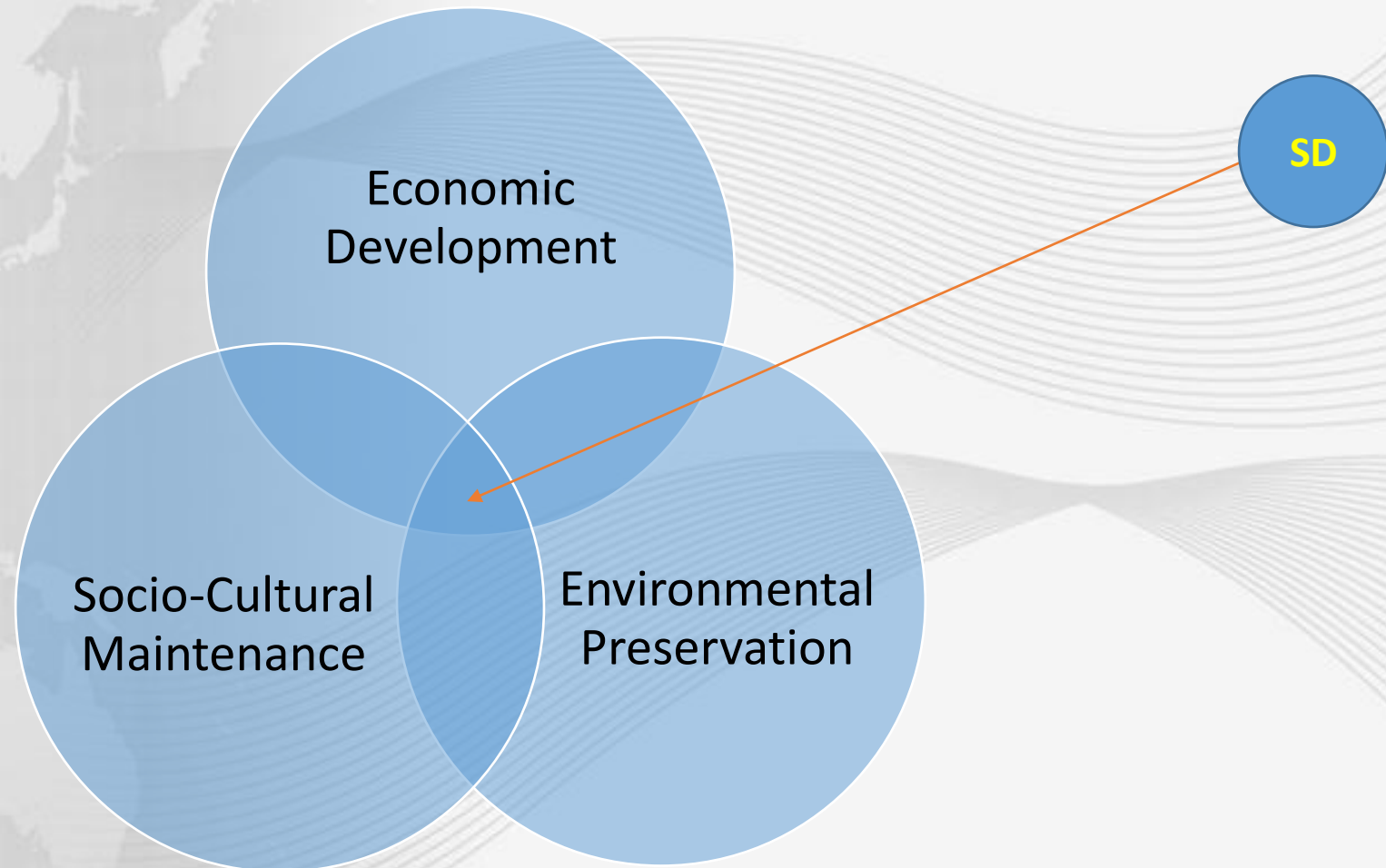
Sustainable Development

- **“Sustainable development is the pathway to the future we want for all. It offers a framework to generate economic growth, achieve social justice, exercise environmental stewardship and strengthen governance”.**

-Ban Ki-moon

- *Sustainable Development is a development that meets the needs of the present without compromising the ability of the future generations to meet their own needs.*

Sustainable Development



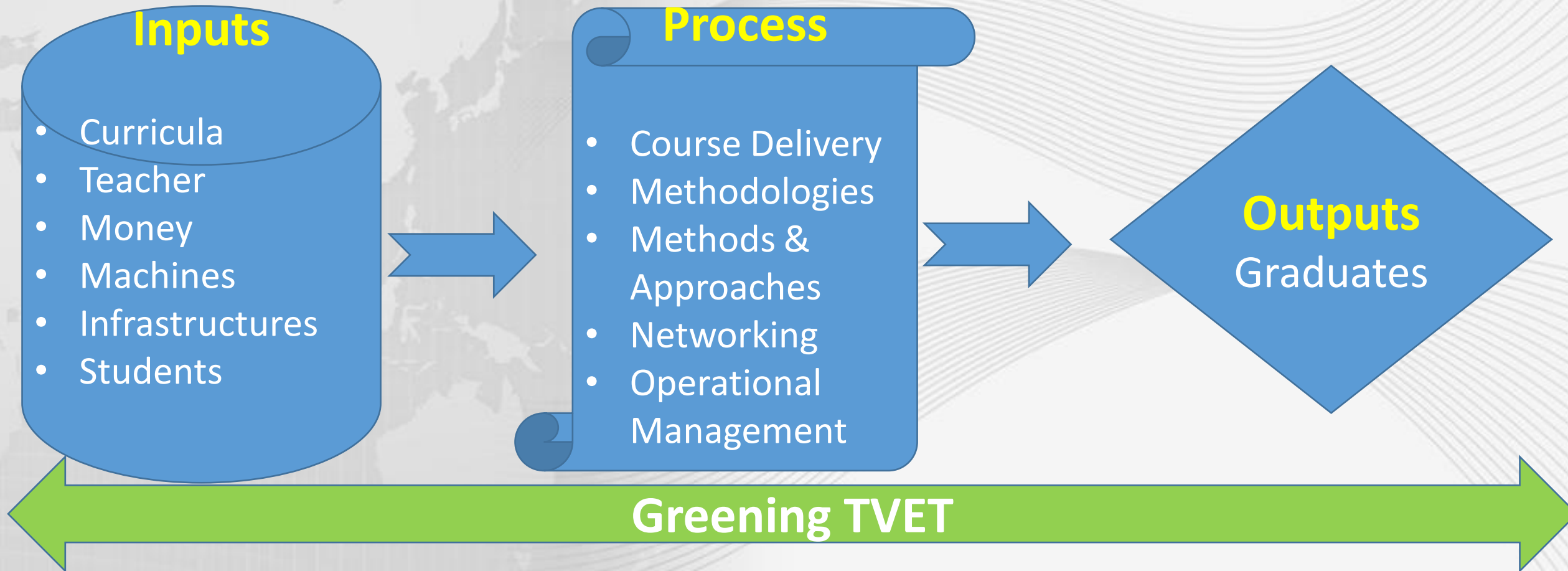
What is Green Skills?

- The **Green Skills Agreement** defines **skills** for sustainability as " **Skills for sustainability, also known as green skills**, are the technical **skills**, knowledge, values and attitudes needed in the workforce to develop and support sustainable social, economic and environmental outcomes in business, industry and the ...



What is Greening TVET?

It is a continuous efforts in the TVET system to produce graduates with green skills.



Green Jobs/Occupations?

- contributes to **preserving or restoring environmental quality** in that sector and allowing for sustainable development (ILO, 2011).
- help **protect ecosystems and biodiversity**;
- **reduce energy, materials, and water consumption** through high efficiency strategies;
- **de-carbonize the economy**; and
- **minimize (or altogether avoid) generation of all forms of waste and pollution.**



Sustainable Development Goals (SDGs)



Figure 1: UN's Sustainable Development Goals

Sustainable Development Goals (SDGs)



The Paris Agreement

In the UNFCCC 21st Conference of Parties (COP21) in Paris, countries adopted a historic international climate agreement to strengthen the global response to climate change in the context of sustainable development ... (UNFCCC, Dec 2015).



Education for Sustainable Development and TVET

- The ESD concept was coined by UNESCO as a way to integrate the pillars of education with the common practices in promoting sustainable development.
- ESD promotes a sense of both local and global responsibility
- TVET curriculum towards the “6R” principles of: **Reuse, Reduce, Renew, Recycle, Repair and Rethink**

TVET is heading towards sustainability

1. a change of the **“business as usual” approach to “sustainable development approach”** through the wise and practical usage of resources,
1. **economic sustainability** which requires a different and wider set of **economic related knowledge skill and attitude** for production, management and consumption of goods and services and
2. **social sustainability**, which involves ensuring that the **basic needs** of people regardless of classification are satisfied.

Building an educational response that supports better planning for Greening Work

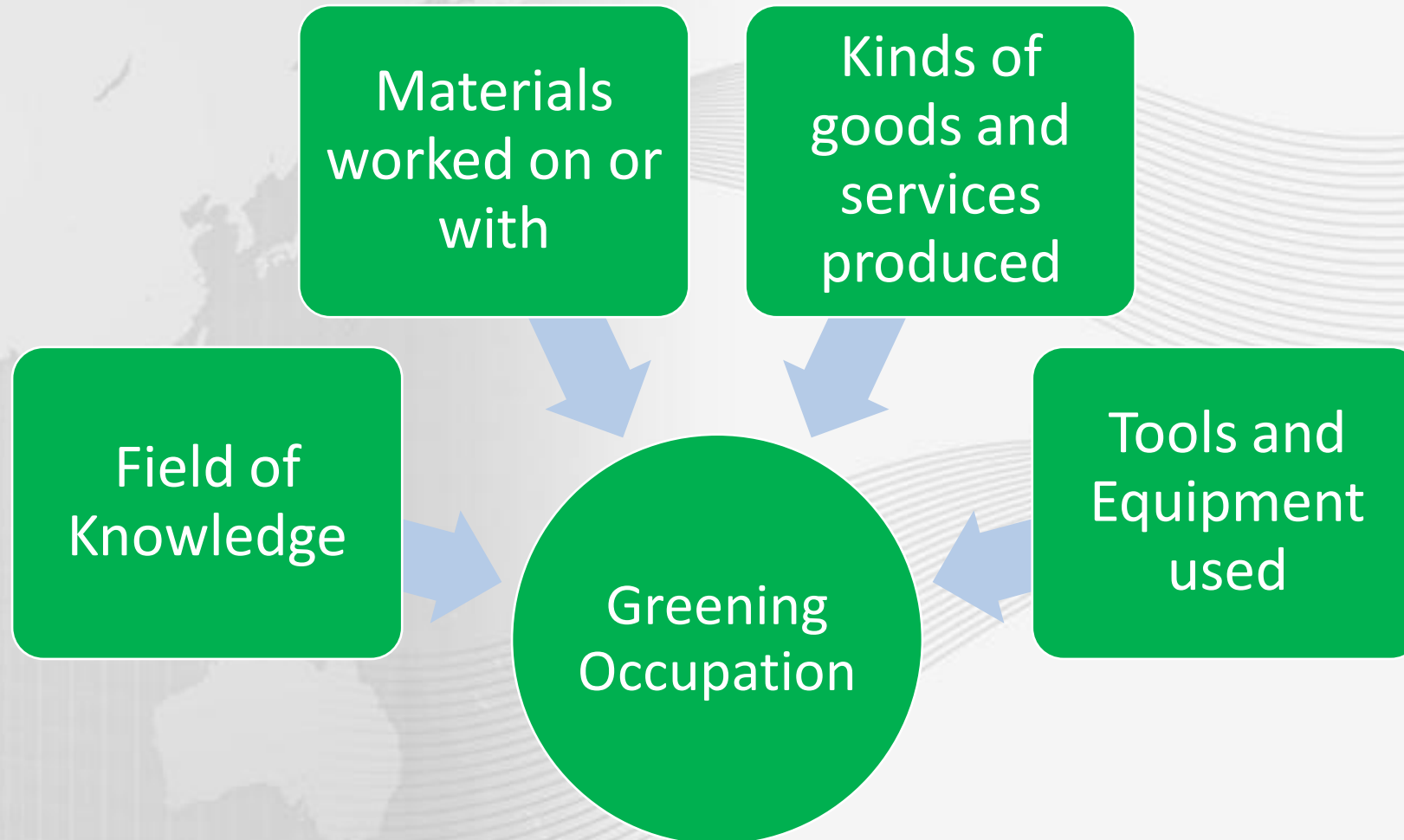
A more clear approach to look at green work

Sector studies that investigate the greening of work at micro levels

Realistic picture of employer led /organizational demand for green work

Improved and more consistent information on green occupations

Green Skills Specialization in an Occupation



Five Pillars for Greening TVET



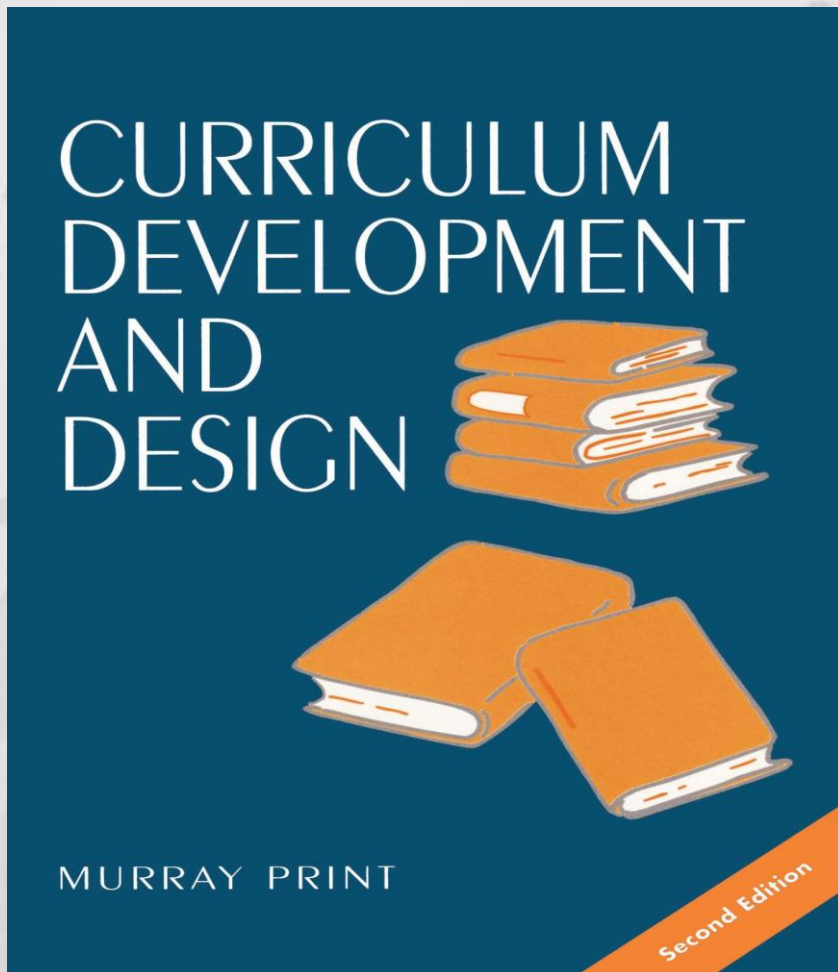
Green Campus



Managing
Campus

- Energy Management
- Water Management
- Waste Management
- Pollution Control

Green Curriculum



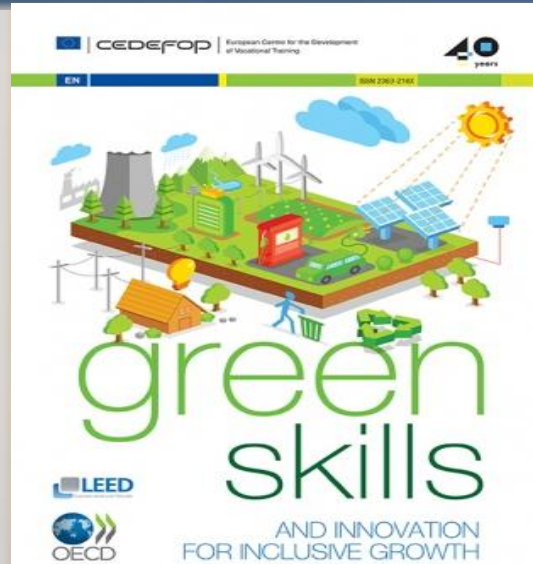
- Green Technology
- Clean Technology
- Green Skills
- ESD Programs

Green Community



- Capacity Building
- Renewable Technology
- Outreach Program
- Resource Support
- Unique Practices

Green Research



- Renewable Energy
- Water Treatment
- Waste Recycling
- Green Innovations

Green Culture



NO PLASTIC



Green Values
Green Attitude
Green Ethics
Green Practices

Therefore, need Paradigm Shift in TVET

TVET

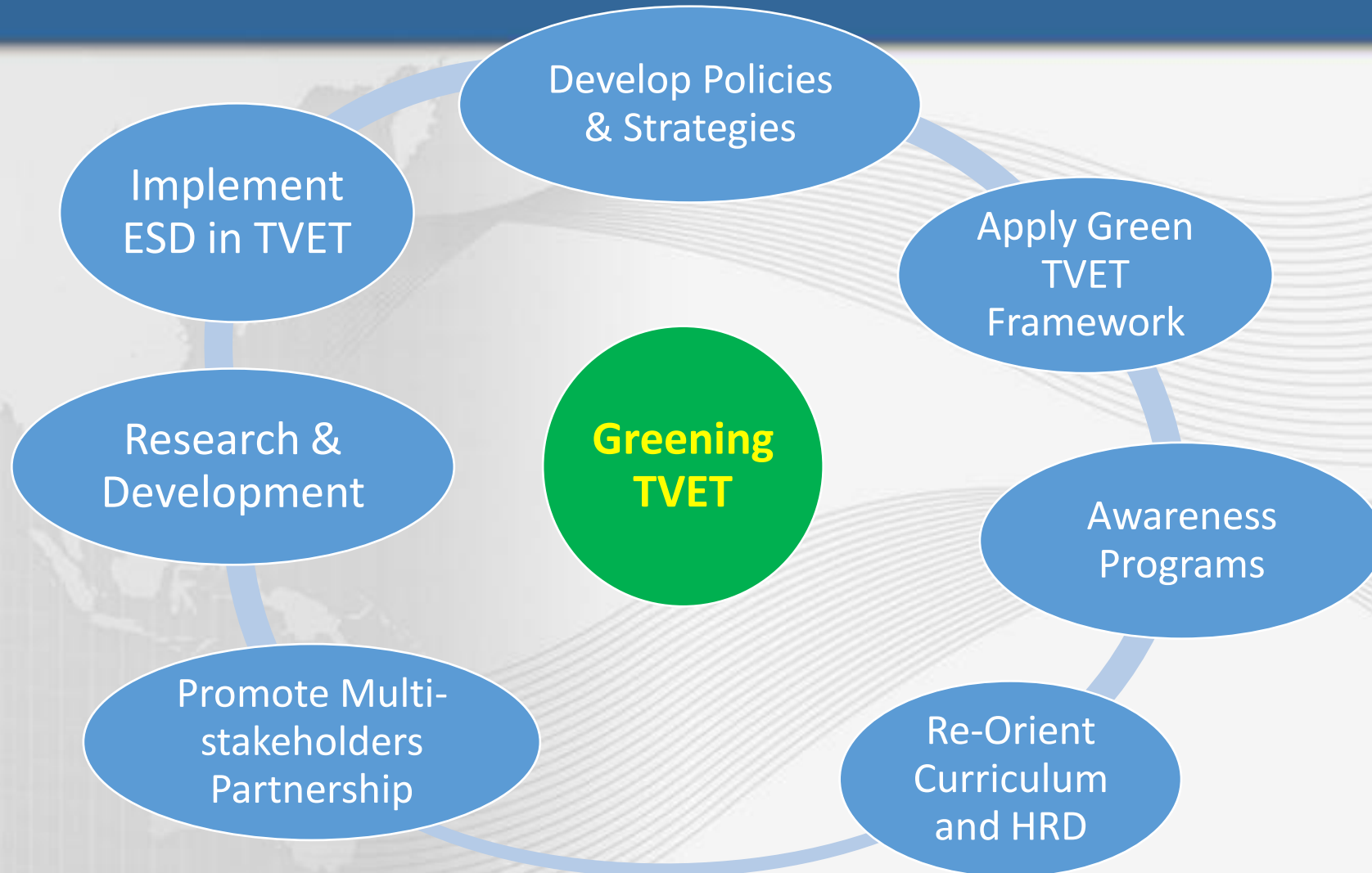
- Knowledge
- Skills
- Attitude



Greening TVET

- Knowledge
- Skills
- Attitude with 6R
**Reuse, Reduce,
Renew, Recycle,
Repair and Rethink**

Recommendations



Concluding Message

**I don't want to
PROTECT
the environment**



**I want to create
a world where
THE ENVIRONMENT doesn't
need protecting**

Thank You!

