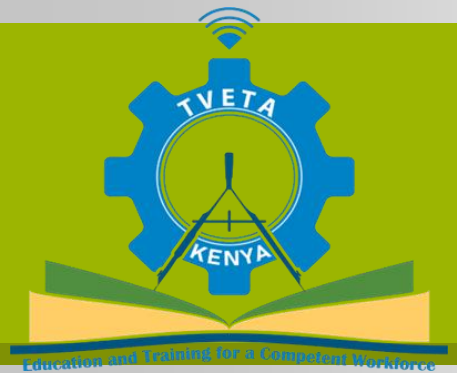




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Greening TVET: System-Level Approach in Kenya

Osawa W. Otta, TVET Authority, Kenya

Outline

Effects of Climate Change

Greening Initiatives in Kenya

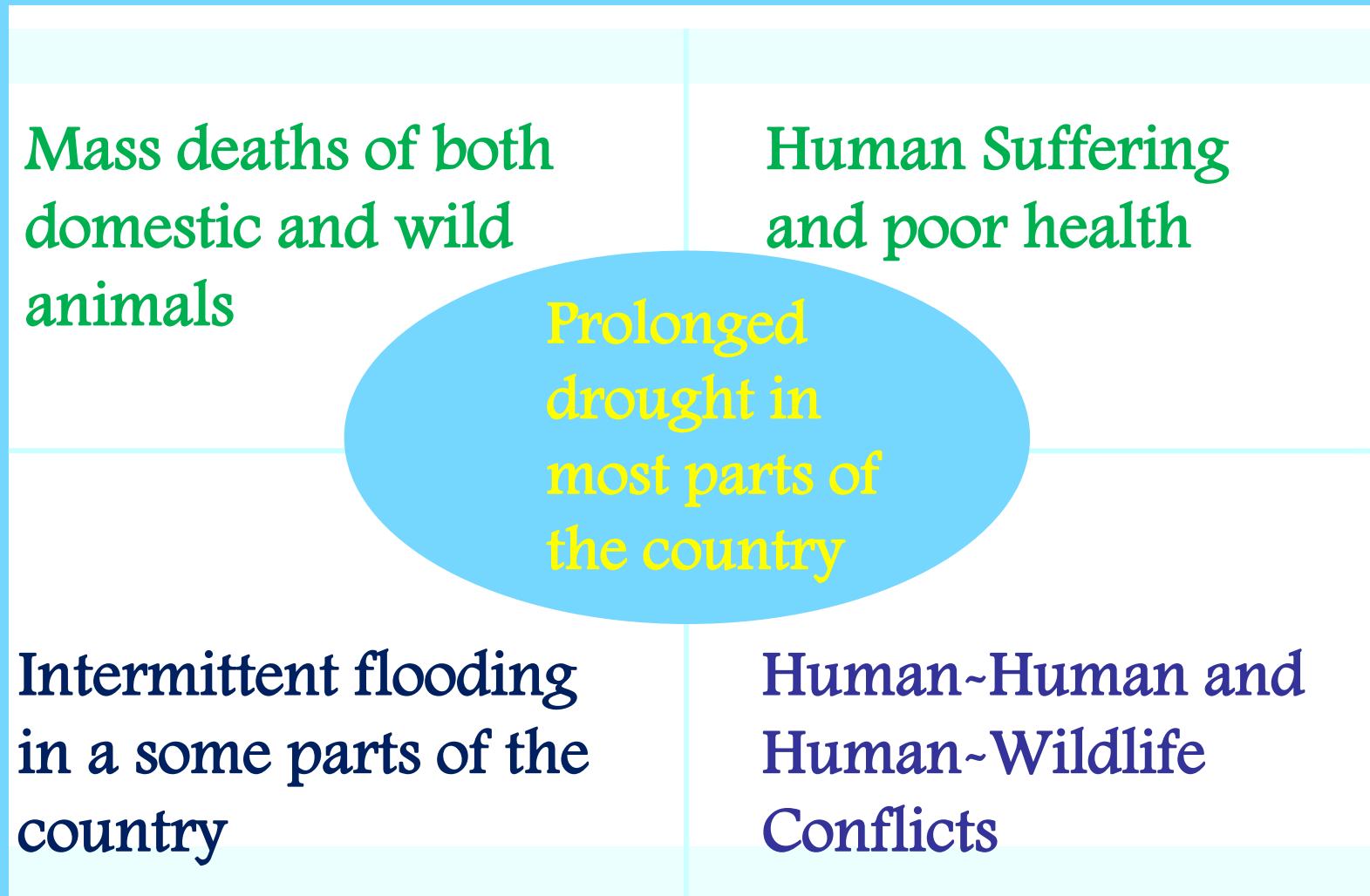
Greening TVET

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Conclusion



Recent Effects of Global Climate Change in Kenya



Greening Initiatives by the Kenyan Government

Enactment of Climate Change Act and development of Climate Change Action Plan and Policy

Implementation of Presidential directive that aims at planting 15B trees by 2032

Restoration of deforested/ degraded landscapes

Promoting use of less polluting fuels and renewable energy sources

The African Climate Summit

- African and world leaders converged in Nairobi from 4th to 7th September to discuss ways of mitigating the impact of climate change under the theme **Driving Green Growth and Climate Finance Solutions for Africa and the World**;
- The aim of the conference was to ensure that African countries take a common position during the CoP 28 (Nairobi declaration) on climate change mitigation and adaptation;
- The conference adopted resolutions to be presented at the CoP 28 to be held from 30th November to 12th December 2023.

Reforms in the Kenyan TVET Subsector

- The Kenyan Government places great emphasis on TVET and has invested heavily in construction and equipping of institutions with modern equipment;
- Reforms have been implemented in the subsector based on international best practices such as establishment of Key agencies (TVETA, CDACC & KNQA), implementation of CBET and dual training programs to mitigate skill mismatch and improve skill anticipation due to rapid technological changes
- Kenya's green economy strategy, integrated in education and training focusses on green growth, carbon credits, clean production and integrated 'green jobs approach'

Need for integration of Green Skills in TVET system

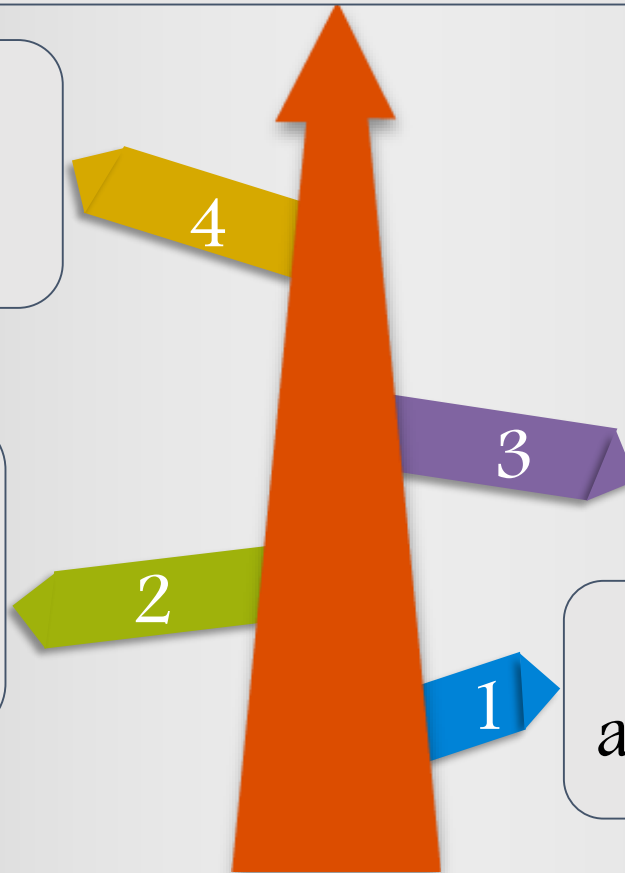
5. Climate Changes and hazardous fumes emitted from automobiles and industries

New labour
market
requirements

Demographic
and Labour
Migrations

Rapid changes in
technology

Transitions to green
and digital economies





Initiatives Adopted in Greening TVET

Greening the Campus



- Greening incorporated in TVETA Quality Assurance & Accreditation tools;
- Establishment of Greening Champions in TVET institutions;
- Institutions involved in tree planting, and use of energy saving equipment;
- Water conservation and harvesting, Wastewater treatment and recycling;
- E-waste collection and/or recycling.

Greening the curriculum



- Environmental Sustainability & digital literacy integrated in all CBET programs;
- CBET curricula developed and reviewed regularly in collaboration with industry to incorporate green/emerging technologies.

Greening the community



- Training community and industry on greening and mitigation of river/environmental pollution (Adopt a river initiative);
- River restoration in collaboration with NEMA and County governments (tree planting and river cleaning)

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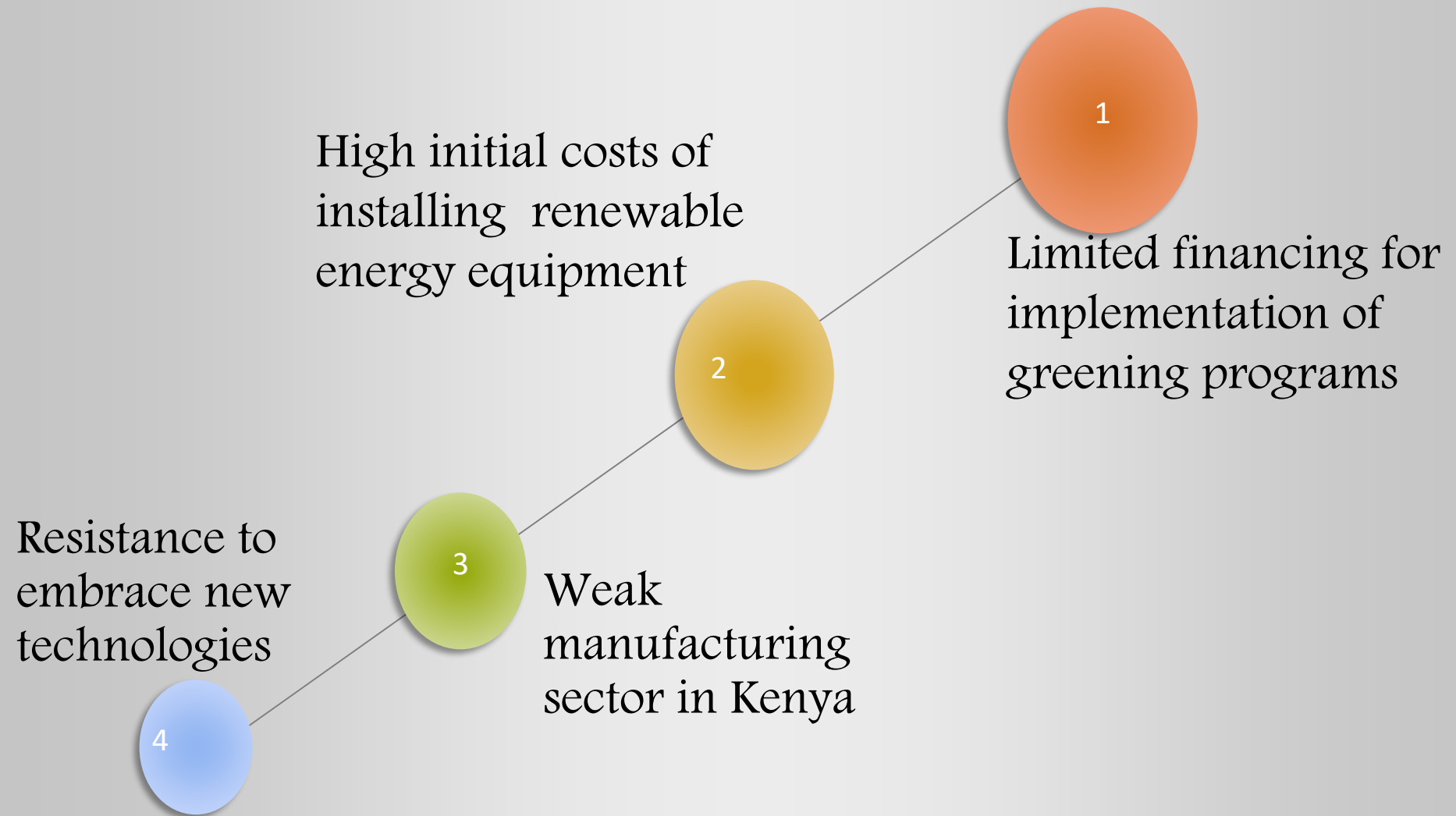
Overall Objective

Improve relevance quality and perception of TVET in Kenya

Key Deliverables

- Capacities in assessing and anticipating the skills demands enhanced
- Improved capacities for using skills assessment results and anticipation to promote quality TVET pathways;
- Capacities to develop and implement approaches to increase the attractiveness of TVET are enhanced (Kenya National Skills Gateway developed);
- TVET LMS established at KSTVET World Skills Kenya established;
- TVET system capacity and employability of TVET graduate in Solar and Photovoltaic (PV) energy enhanced for environment conservation.

Constraints to integrating Greening in Kenyan TVET

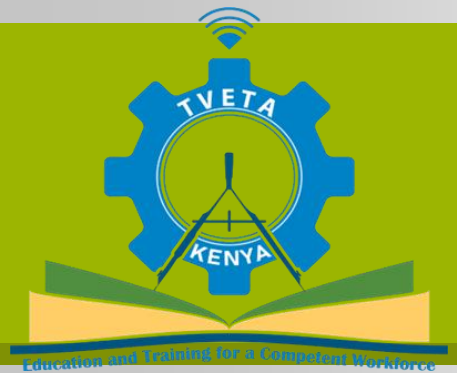




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THANK YOU