

a water secure world

*Water, Job creation, Industrial Development and the
Implementation of Sustainable Development Goals in Africa*

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Outline

- 1. Introduction:** industry and its linkages with resources, other devts., society)
- 2. Some initiatives in Africa** (integrated approaches-focusing on GWP's and partners'work)
- 3. Conclusion:** future role of Industry within the integrated approach

1. Water and Industry relationship--conventional



2. Water and Industry within the broader perspective of societal development

Water Security for sustainable and climate-resilient industrial development towards Africa's overall societal development



Water is key for sustainable (industrial) development and key to cope with climate change



Climate change impacts water security and (industrial) development

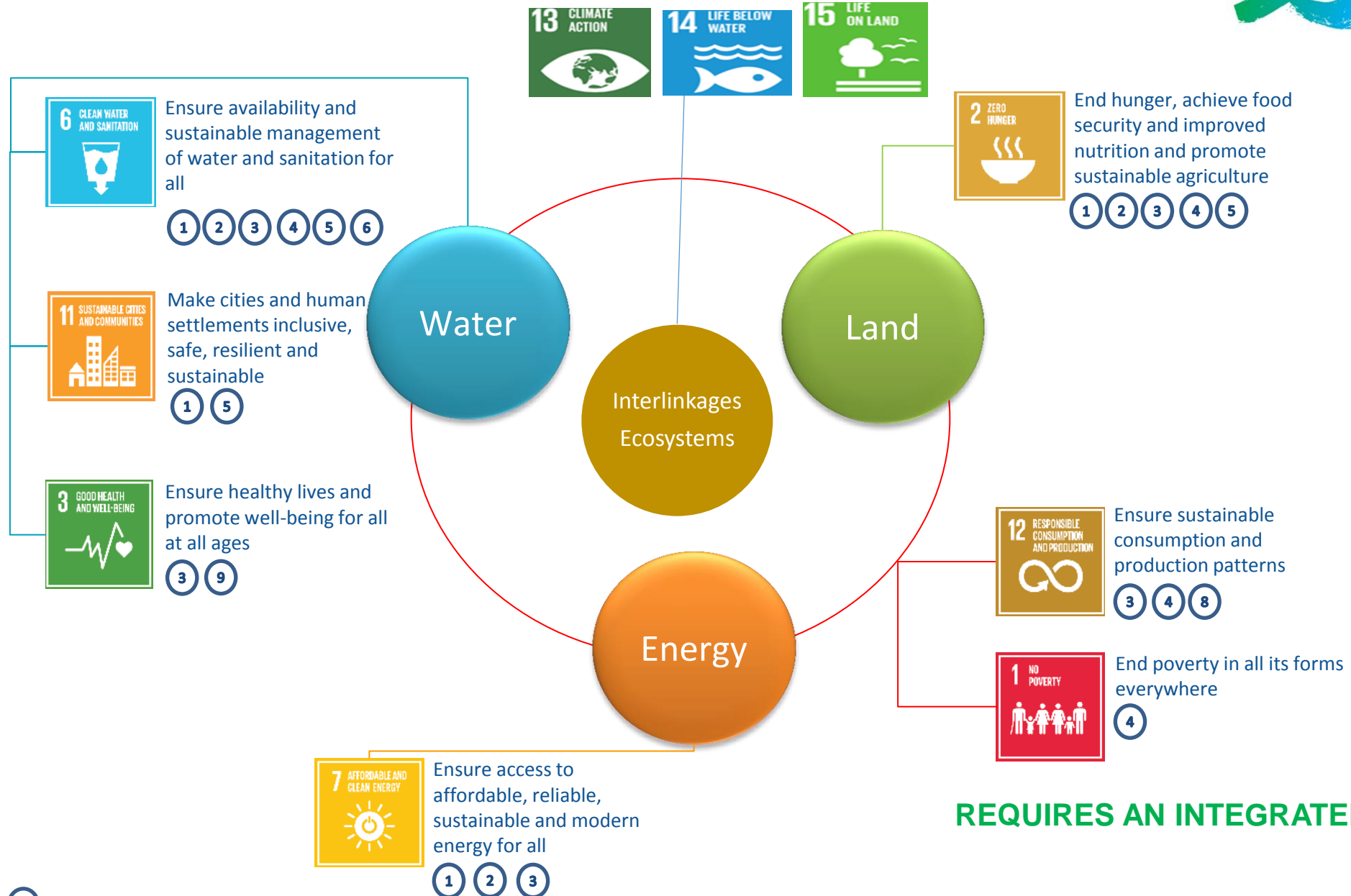


Water insecurity and climate change impacts (industrial) development

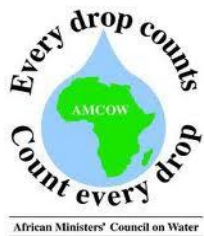


Water is key for societal development-livelihoods, job creation

3. Industry and Interlinkages of natural resources: water, land, energy, ecosystems + SDGs



REQUIRES AN INTEGRATED APPROACH



4 (a). Some initiatives in Africa (focusing on GWP's+ work) GWP Africa and AU collaboration



Water, Climate and Development Program (WACDEP)

- GWP Africa covers all five Africa Sub-regions, works closely with RECs (SADC, ECOWAS, ECCAS, IGAD/EAC)
- Since 2011, GWP Africa implemented climate related commitments in the AU Heads of state 2008 Sharm el Sheik Declaration on water and Sanitation through the African Ministers Council on Water (AMCOW).
- Currently supports 18 African countries on water and climate resilience, and five Transboundary River Basins
- Mobilised Euro 20 million in project preparation with Infrastructure Consortium for Africa(ICA) and AfDB
- Reports progress on climate resilience to the AU summit annually through AMCOW

Program Components:

- Facilitate regional/transboundary cooperation
- National development plans
- Investment plans and project preparation
- Demonstrations
- Capacity development and Knowledge magt
- Multi-stakeholder Partnership building

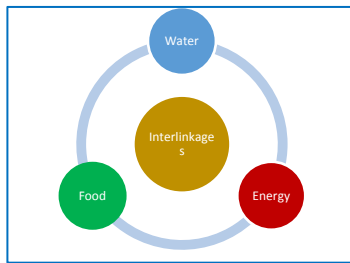


4 (c). Africa's Initiatives..GWP Africa and AU collaboration

GWP Africa now scaling up with renewed focus on supporting:

- AU Agenda 2063
- SDG investments
- SADC/Africa Industrialisation Agenda
- Infrastructure Investments
- Job creation
- Implement outcomes of UN/World bank HLPW through South Africa

4(e). Africa's Initiatives...: New and Integrated Investment Program



Water SDG Investment and Financing

Water-Energy-Food-Ecosystem Nexus

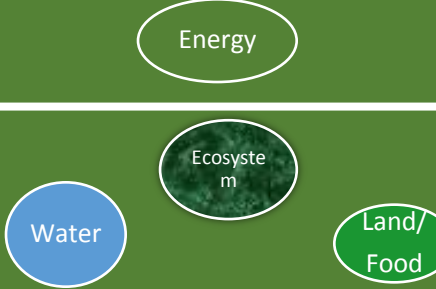

Water, Climate and Development

Integrated Urban Water Management

Transboundary Water Resources

Water and Jobs

5. Future role of Industry within the integrated response program: Key messages

<p>(A) Water for industry: shift from the conventional understanding of the water system</p>	<p>(B) Water for industry within the integrated water system: natural and human systems integration</p>	<p>(C) Water for industry within the broader and integrated framework:</p> <p>Future Role of Industry:</p> 
	<p>The water system:</p> <ul style="list-style-type: none"> ▪ Scarce resource (freshwater) ▪ Transboundary ▪ Several uses and users (economic, social and environmental values) ▪ Governance, institutional, Political ▪ Increased future demands but less resources due to: climate change, population growth, resource degradation, economic growth, living standards change ▪ etc 	<ul style="list-style-type: none"> ▪ Evaluate water-related risks ▪ Evaluate climate-related risks ▪ Take Actions: <ul style="list-style-type: none"> ✓ WR management-investment in water sources ✓ Integrate water, energy, land, ecosystem resources ✓ Water use-efficiency-Industrial water footprint ✓ Circular economy-reduce, re-use, recycle ✓ Good corporate governance and policy ✓ Stakeholder collaboration and engagement ✓ Introduce new technologies to better manage water resources, give more integrated solutions

Thank You for your attention!

GWP Network



<http://www.gwp.org>



GWP is an intergovernmental Organization with a global network of Partners. Was created in 1996 to foster the implementation of integrated water resources management

- 13 Regional Water Partnerships (RWPs)
- 5 RWPs in Africa
- 85 Country Water Partnerships
- 3,051 Partners located in 178 countries