HRBA TO IWRM: AFRICA

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WRC 2020
A global pandemic of historical proportions

COVID-19
WHO on 26 July 2020
1. Human Rights is a major issue in Africa
Tackling the Inequality Pandemic –
A new Social Compact for a new era.
To learn more about water and sanitation in the 2030 Agenda for Sustainable Development, and the Integrated Monitoring Initiative for SDG 6, visit: [www.sd6monitoring.org](http://www.sd6monitoring.org)
2. The African IWRM Scorecard

- 51 African Countries surveyed
- 82% have institutionalized core elements of IWRM
- 70% have capacity
- But Finance is a crucial barrier!!
- Overall scorecard is 41%
- In general – transboundary co-operation is a plus with 48 countries sharing 134 transboundary basins or aquifers.
Figure 28  Country scores for average transboundary-level implementation, overlaid with transboundary basins (left) and aquifers (right).
3. Africa as a Global Laboratory for IWRM

COMPARISON OF HISTORICAL GDP GROWTH RATES TO COUNTRY STABILITY RANKING

Real GDP growth, 2010-2015
Compound annual growth rate
%

High growth

Vulnerable growers 35%
Democratic Republic of Congo
Ghana
Libya
Mali
Madagascar
Nigeria

Stable growers 19%
Ethiopia
Estonia
Togo

South Africa slow growers 46%

Low growth

Vulnerable

Bubble size represents country GDP, 2015

Stable

Quadrant share of selected countries GDP
10 year Water Vision

The Three Spheres of Sustainability

- Social
  - Environmental Justice
  - Natural Resources Stewardship
  - Locally & Globally

- Environmental
  - Natural Resource Use
  - Environmental Management
  - Water Resources
    - Water, Land, Marine

- Economic
  - Energy Efficiency
  - Subsidies & Standards for Value of Natural Resources

Sustainability

Economics

Ecosystems

Waterways

Wastewater

Water

Guidelines

Feasibility

Planning

Demonstration

WSD

Technologies/Tools

WRC 2020
Global 1st with Non-Sewered Sanitation Standards

The following standards have been issued in terms of section 24(1)(a) of the Standards Act.

<table>
<thead>
<tr>
<th>Standard No. and year</th>
<th>Title, scope and purpose</th>
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<tbody>
<tr>
<td>SANS 3650:2019 Ed 1</td>
<td>Non-sewered sanitation systems — Prefabricated integrated treatment systems. General safety and performance requirements for design and installation of non-sewered sanitation systems (NSSS). A NSSS, as defined in this document, is a prefabricated integrated treatment unit, containing ancillary facilities (such as a treatment facility) and other components that a) collects, conveys, and fully treats the specific input within the reuse or disposal of the generated solid, liquid, and gaseous outputs b) is not connected to a networked sewer or networked drainage system.</td>
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<tr>
<td>SANS 33003:2019 Ed 1</td>
<td>Information technology — Process assessment — Requirements for frameworks. Sets out the requirements for process measurement for process assessment. The requirements defined in this Standard ensure that a) establish the requirements for process measurement frameworks in the context of process assessment, b) establish the requirements for the validation of process measurement in process assessment, and c) establish requirements that are applicable to any process measurement to develop composite measures across domains.</td>
</tr>
<tr>
<td>SANS 1718:1-2019 Ed 3</td>
<td>Gambling equipment Part 1: Casino equipment. Specifies the operational requirements for gambling devices (GDS) that reside on the floor of a casino. Equipment covered by the requirements of this Part of standard include a) gambling machines, b) jackpots controller and displays, and c) machine consoles. Covers the manufacture, processing, treatment of gross prohibited activities and tackles bribing.</td>
</tr>
<tr>
<td>SANS 19011:2019 Ed 1</td>
<td>Guidelines for auditing management systems. Provides guidance systems, including the principles of auditing, managing and conducting management system audits, as well as guidance on the competence of individuals involved in the audit process. These are not applicable to all organizations that need to plan and conduct audits to international standards.</td>
</tr>
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</table>
New models to achieve IWRM
THANK YOU

THE POWER OF KNOWLEDGE TO THE PEOPLE

AMANDLA OLWAZI KUBANTU

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