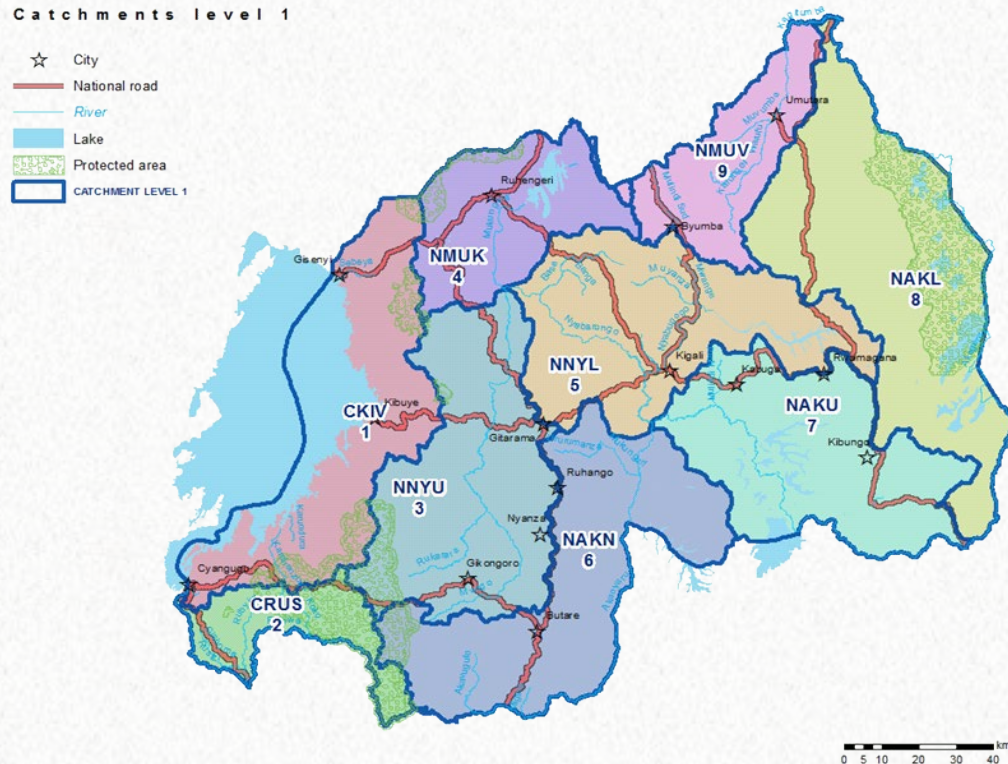# Using SDG 6 Policy Support System (SDG-PSS) in "Rwanda"

Name of presenter: KARURANGA Dismas

Country Presentation: Rwanda

Location
- Geographical region: Land Locked Developing Country in Sub-Saharan Africa, Africa
- SDG region: SDG Sub-Saharan Africa

Land
- Total area: 26,338 km^2
- Land area: 24,670 km^2 (2020)
- Land use by sector: 73% agriculture, 11% forest and 16% other (2018 - 2020)

People
- Total population: 13,246,394 people (2022) *
- Population density: 525 people per km^2 (2020)
- Urbanisation: 27.9 % lives in urban areas and 72.1 % lives in rural areas (2020)

*Rwanda Population and Housing Census (RPHC5, 2022)

Overall status of SDG 6 at the national level

Indicator	Name	Progress
SDG indicator 6.1.1	Proportion of the population in Rwanda uses a safely managed drinking water	N/A (83% total access to improved drinking water sources)
SDG indicator 6.2.1a	Proportion of the population in Rwanda uses a safely managed sanitation service	N/A (72% access to improved facilities)
SDG indicator 6.2.1b	Proportion of the population in Rwanda has a handwashing facility with soap water available at home	
SDG indicator 6.3.1	Proportion of domestic wastewater in Rwanda is safely treated	N/A
SDG indicator 6.3.2	Proportion of monitored water bodies in Rwanda has good ambient water quality	79%
SDG indicator 6.4.1	The value added from the use of water by people and the economy in Rwanda	12$/m3
SDG indicator 6.4.2	Proportion of the renewable water resources in Rwanda is being withdrawn, after taking into account environmental flow requirements	20%

Overall status of SDG 6 at the national level

Indicator	Name	Progress
SDG indicator 6.5.1	Degree of implementation of integrated water resources management in Rwanda	66%
SDG indicator 6.5.2	Proportion of transboundary basin area has an operational arrangement for water cooperation	48%
SDG 6 indicator 6.6.1	Proportion of the water basins in Rwanda is experiencing rapid changes in the area covered by surface waters	20%
SDG indicator 6.a.1:	Amount of water- and sanitation-related official development assistance received by Rwanda	46m$
SDG indicator 6.b.1	Number of sub-sectors with a high level of participation by communities in Rwanda	N/A

Overall status of SDG 6 at the national level

- **Major types of water sources**: Rivers, Lakes, Groundwater (Piped water, boreholes, protected wells, protected springs, rainwater, and packaged or delivered water).

- **Key Challenges**:
  - ✓ Lack of sufficient data collection; data collection not prioritized
  - ✓ Insufficient budget allocation to data collection
  - ✓ Inadequate/lack of equipment for water measurement
  - ✓ Inadequate coordination: water is cross-cutting and data collection and reporting require strong coordination

- **Potential impact of achieving SDG6**:
  - ✓ By 2030, it is estimated that Rwanda will have about 15,4 million people to be positively impacted by SDGs achievement, especially in terms of:
  - ✓ Reduced mortality rate due to water borne diseases
  - ✓ Improved quality of life
  - ✓ Healthier ecosystems/improved ecosystem services

National agencies involved in SDG 6 achievement

- **Ministries**: Ministry of Environment (MoE) , Ministry of Infrastructure (MININFRA), Ministry of Health (MoH), Ministry of Finance and Economic Planning (MINECOFIN), Ministry of Emergency Management (MINEMA) and Ministry of Agriculture and Animal Resources (MINAGRI).

- **National Authorities**: Rwanda Water Board (RWB), National Institute of Statistics in Rwanda (NISR), Rwanda Environment Management Authority (REMA), Rwanda Agriculture and Animal Resources Board (RAB), Water and Sanitation Corporation (WASAC)ltd, Rwanda Standard Board (RSB).

- **Any other relevant organizations**: University of Rwanda, UNICEF, FAO, WHO

Reflections on SDG-PSS and its online course

- Feedback or comments on SDG-PSS platform

- *How SDG-PSS online course contributed to helping you how to navigate the tool's main features*: The SDG-PSS was a user friendly and easy to use. The only issue to consider is to read carefully the guidelines become I had some issue with login. However, after reading the user manual , I registered successfully and navigated the syste,

Relevance of SDG-PSS Components

- *Most relevant* : Easy accessibility of SDG-PSS
- *Why*: Many users can upload data at the same time. This can help the National SDG6 team while compiling the data, since every can work on the section of interest which may speed data collection and improve sources of data.

- *Not/least relevant*: I have found all elements to be relevant
- Why?

SDG-PSS Summary Page

Target		Indicator		Capacity			Finance			Policy & Institutional			Gender			DRR/Resilience			Integrity		
				Current capacity	Overall Progress	Strengthening mechanisms	Accountability	Financial Planning	Public Incentives	Policy Planning and Equity	Coordination & cooperation	Public awareness	Gender analysis	Participation Of Women	Training and Resources	Strategical Planning	Funding Mechanisms	Infrastructures	Accountability and Transparency	Fairness and equity	Regulatory process
6.1	By 2030, achieve universal and equitable access to safe and affordable drinking water for all	6.1.1	Proportion of population using safely managed drinking water services	Adequate	Inadequate	Adequate	Adequate	Adequate	Adequate	Adequate	Adequate	No evidence	Adequate	Adequate	Adequate	Adequate	Adequate	Inadequate	Adequate	Adequate	Adequate
6.2	By 2030, achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations	6.2.1	Proportion of population using safely managed sanitation services, including a hand-washing facility with soap and water	Adequate	Adequate	Adequate	Adequate	Adequate	Inadequate	Adequate	In progress	In progress	Adequate	Adequate	Adequate	Adequate	Adequate	Adequate	Inadequate	Adequate	Adequate
6.3	By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally	6.3.1	Proportion of wastewater safely treated	Adequate	Adequate	Adequate	Inadequate	Inadequate	Inadequate	Inadequate	In progress	In progress	Adequate	Adequate	Adequate	Adequate	Adequate	Adequate	Inadequate	Adequate	Adequate
		6.3.2	Proportion of bodies of water with good ambient water quality	Adequate	Adequate	Adequate	Inadequate	Adequate	Adequate	Inadequate	In progress	In progress	Adequate	Adequate	Adequate	Adequate	Adequate	Inadequate	Inadequate	Adequate	Adequate
6.4	By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity	6.4.1	Change in water-use efficiency over time	Adequate	Adequate	Adequate	Adequate	Adequate	Adequate	Inadequate	In progress	In progress	Adequate	Adequate	Adequate	Adequate	Adequate	Adequate	Inadequate	Adequate	Adequate
		6.4.2	Level of water stress - freshwater withdrawal as a proportion of available freshwater resources	Adequate	Adequate	Adequate	Adequate	Adequate	Adequate	Inadequate	In progress	In progress	Adequate	Adequate	Adequate	Adequate	Adequate	Inadequate	Inadequate	Adequate	Adequate
6.5	By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate	6.5.1	Degree of integrated water resources management implementation (0-100)	Adequate	Adequate	Adequate	Adequate	Adequate	Adequate	Inadequate	In progress	In progress	Adequate	Adequate	Adequate	Adequate	Adequate	Inadequate	Inadequate	Adequate	Adequate
		6.5.2	Proportion of transboundary basin area with an operational arrangement for water cooperation	Adequate	Adequate	Adequate	Adequate	Adequate	Adequate	Inadequate	In progress	In progress	Adequate	In progress	Inadequate	Adequate	Adequate	Inadequate	Inadequate	Adequate	Adequate
6.6	By 2020, protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes	6.6.1	Change in the extent of water-related ecosystems over time	Adequate	Adequate	Adequate	No evidence	No evidence	No evidence	Inadequate	In progress	In progress	No evidence	Adequate	Adequate	Adequate	Adequate	Inadequate	Inadequate	Adequate	Adequate