

UNITED REPUBLIC OF TANZANIA

MINISTRY OF WATER



BENEFITS AND CHALLENGES OF TRANSBOUNDARY WATER COOPERATION FOR TANZANIA

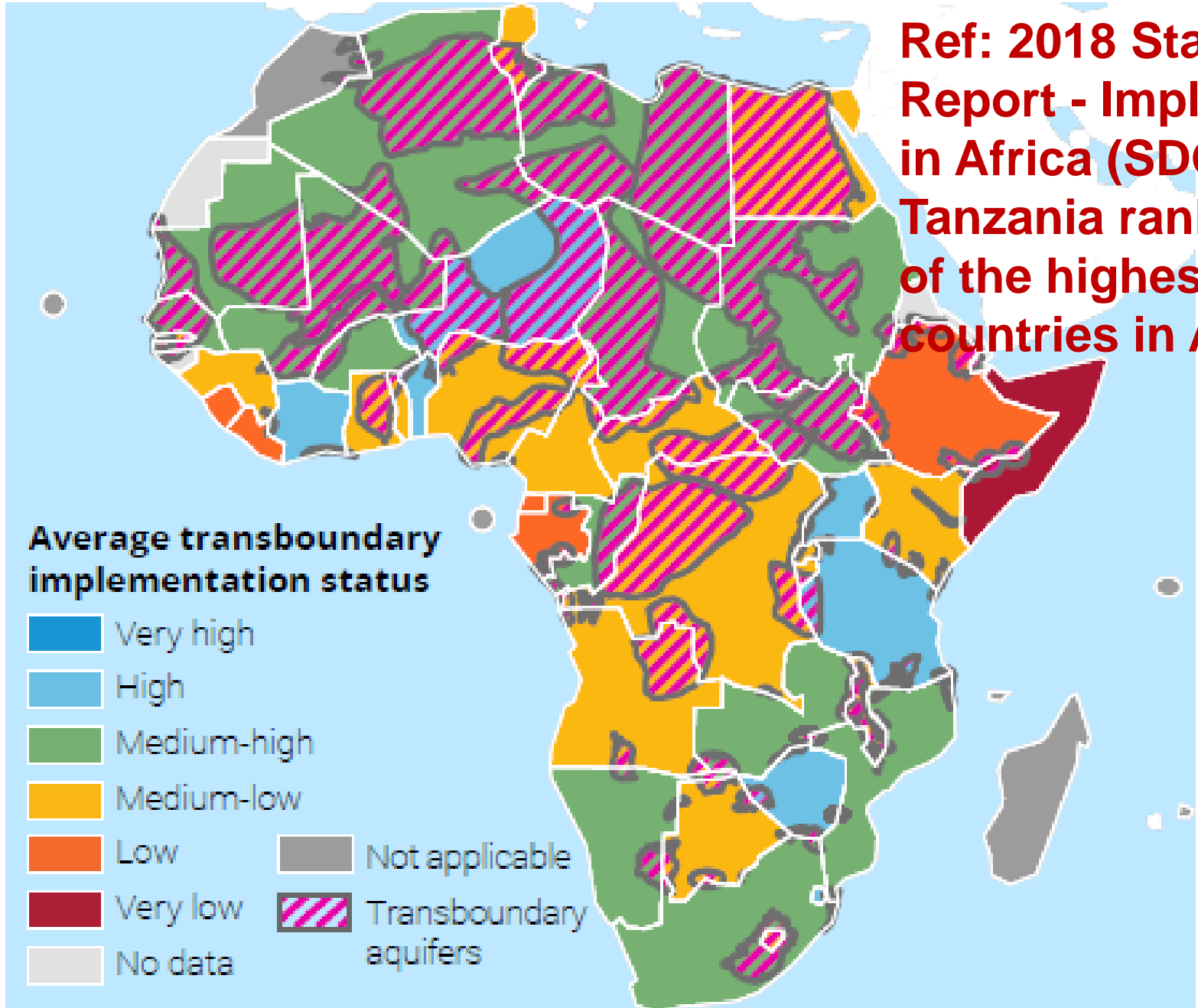
2008/09 – 2018/19

by

*Sylvester Matemu (Ass. Director Transboundary
Waters)*

UNECE - Geneva, 22nd November, 2019

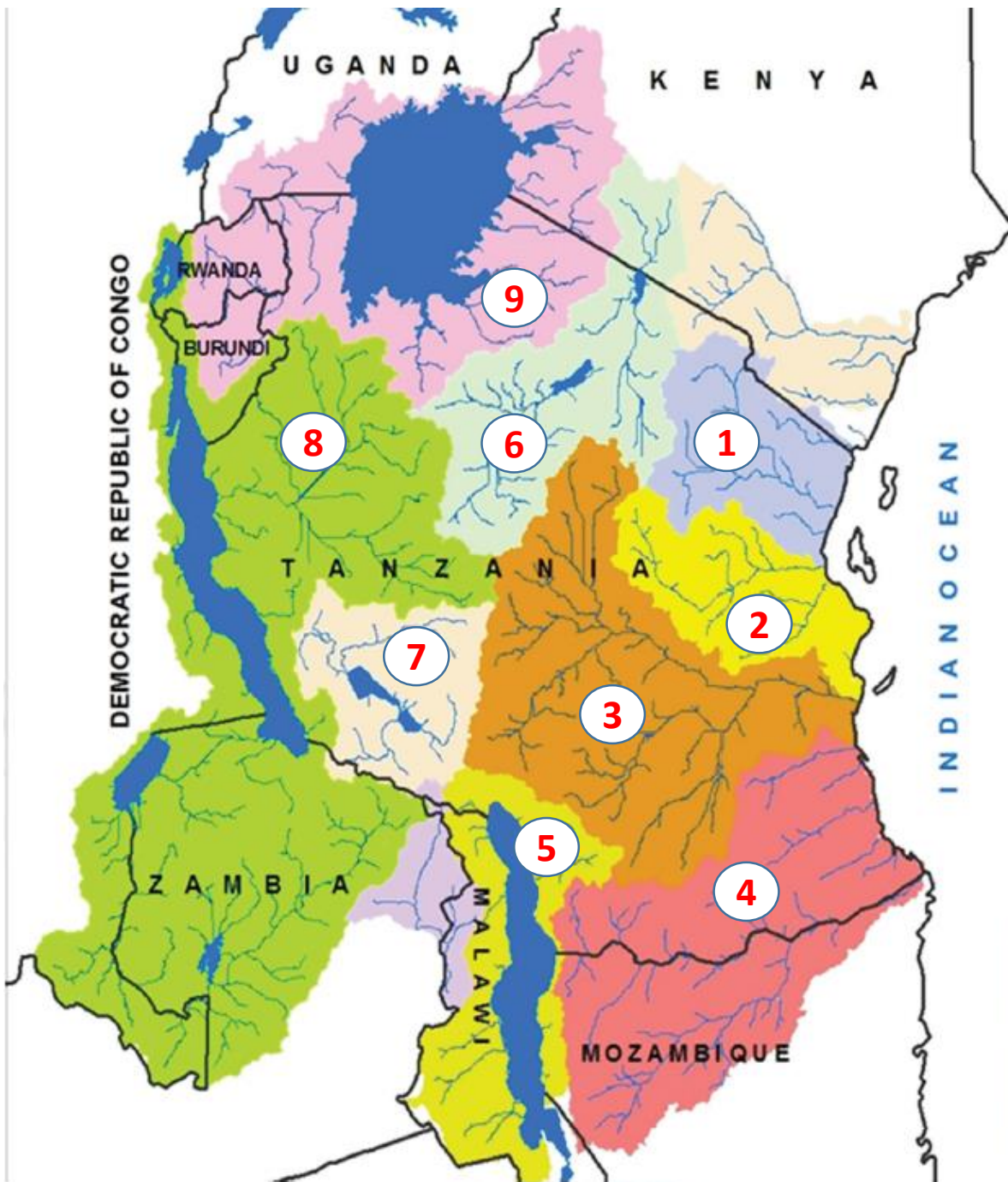
STATUS OF TRANSBOUNDARY IMPLEMENTATION OF IWRM



Ref: 2018 Status Report - Impl. of IWRM in Africa (SDG 6.5.1)
Tanzania ranks one of the highest countries in Africa

Complementarity Between Indicator 6.5.1 and 6.5.2

- **SDG indicator 6.5.2 offers a complement to SDG indicator 6.5.1, which tracks the degree of IWRM Implementation at all levels, including transboundary, by assessing four components of IWRM: - *Progress - TWC Report 2018 – UNECE + UNESCO***
- **Enabling environment; institutions and participation ; management instruments and financing**
- **Tanzania Perspective**



9 Basins

7 Shared Basins

ARSW= 105 Km³

GWR = 21Km³

WpC = 2330 m³

Legend:

- 1 - Pangani Basin
- 2 - Wami/ Ruvu Basin
- 3 - Rufiji Basin
- 4 - Ruvuma Basin
- 5 - Lake Nyasa Basin
- 6 - Internal Drainage Basin
- 7 - Lake Rukwa Basin
- 8 - Lake Tanganyika Basin
- 9 - Lake Victoria Basin

TWC Between Tanzania and other Countries

- **8 Neighbouring countries:** Burundi, DRC, Kenya, Rwanda, Mozambique, Malawi, Uganda and Zambia
- **Other countries:** Angola, Botswana, Ethiopia, Egypt, Namibia, Sudan, South Sudan and Zimbabwe
- In general Tanzania do **cooperate with 16 countries** on Transboundary water resources management
- **Commissions** were established by Agreements on TWC
 - LVBC, LTA, NBI, ZAMCOM, SRBC and JRRBWC

Assessing Benefits of Transboundary Water Cooperation

UN Economic Commission for Europe (UNECE)
framework (UNECE, 2015)

Origin of benefits	Benefits for economic activities	Benefits beyond economic activities
Improved water management	Socio economic benefits	Health and environmental benefits
Enhanced trust and capacity	Regional economic cooperation benefits	Capacity building

How we analysed benefits

N o.	Attribute	Indicator	Rationale
1	Development initiatives	Number of ongoing or proposed projects	Easy for cooperating riparian countries to attract joint projects
2	Existence of formal agreements	Number of agreements, conventions, MoUs signed between riparian states	Formalization of cooperation through legal frameworks highlights the level of commitment
3	Improving governance	Number of established joint institutions	Establishment of joint institutions highlights level of proficiency in governance of the shared water resources

How we analysed benefits ...cont

N o .	Attribute	Indicator	Rationale
4	Information sharing and management	Existence of common database, joint communication strategy	Exchange of data and or sharing information leads to building confidence and trust
5	Willingness and motivation to manage the shared water resources	Number or existence of strategic meetings conducted by decision makers or community meetings	Cooperation between countries is usually anchored on motivation of which could be inspired internally or externally

CHALLENGES OF TRANSBOUNDARY WATER MANAGEMENT AND COOPERATION

- **Inadequate** capacity of Trans-boundary Institutions
- **Un-harmonized** Legal frameworks of Riparian/Members States
- **Differences** between Member States
- Differences in **country commitment** to meet obligations
- **Competition** over water allocation
- **Prolonged** discussions that delay decisions
- [TWC Report Final - high resolution_printing.pdf](#)

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**BENEFITS AND CHALLENGES OF TRANSBOUNDARY
WATER COOPERATION FOR TANZANIA
(2008/2009 – 2018/2019)**

*Water Resources Division,
May 2019
Dodoma*

CONCLUSION

- **Quantification** of benefits of transboundary water cooperation is emerging as an important process in many riparian countries as a way of **appreciating** the importance of cooperation.
- This is an **initial effort** to be undertaken in the country – documenting benefits and challenges for transboundary water cooperation
- There are both **qualitative and quantitative** benefits for transboundary water cooperation. Both are equally important for the country.
- Despite inherent challenges in managing transboundary water resources, the benefits we have realised through cooperation **outnumber the challenges**

**We need support
of others!**

In TWRM

Thank

You



Members Only