



Food and Agriculture
Organization of the
United Nations



Assessing Impact of Investments in Agricultural Water Management in African Countries

Exploring Challenges and Opportunities in Building Partnerships to Enhance Investment in Agricultural Water Management in Africa and to Achieve Green and Inclusive Growth Objectives set under the Ten Year Strategy of the African Development Bank (AfDB)

“GCP/INT/029/AFB

Maher Salman

Technical Advisor, NRL-HQs

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FAO LAND & WATER

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AgWA, the Partnership



AfDB Project

Exploring Challenges and Opportunities in Building Partnerships to Enhance Investment in Agricultural Water Management in Africa

Approach and Country Selection



MAIN GOAL

To increase investment in agricultural water management that is socially equitable, profitable at the farm level, economically viable, environmentally friendly and sustainable, while contributing to the **implementation of the CAADP** National Process, in particular to its Pillar 1 and the achievement of the MDGs

Comprehensive Africa
Agriculture Development
Programme

Land and Water Management



5 PRIORITY AREAS



1. ADVOCACY

Set the topic on top of the agenda of relevant policy makers and stakeholders



2. PARTNER HARMONIZATION

Provide a platform for closer collaboration, policy-dialogue between partners

3. RESOURCE MOBILIZATION



Increase and sustain the flow of resources towards AWM



5. CAPACITY BUILDING

Build the capacity for informed decision making at all levels of AWM

4. GENERATING & SHARING KNOWLEDGE



Support knowledge generation and facilitate knowledge-sharing on issues related to AWM



AgWA, the Partnership

CURRENT AgWA PARTNERS





AgWA, the Partnership

PARTNERS

Being an AgWA partner means....

- ✓ Supporting sustained agricultural growth in Africa
- ✓ Contributing to African socio-economic development

how? by pooling either financial/in kind resources or technical knowledge

in return... partners belong to a wide network of AWM organizations and professionals that share interests and most-up-to date knowledge in AWM

Who can be a partner?

Any organization or network with an interest and capacity in AWM in Africa (Governments, donors, NGOs, research and educational institutions, private sector and civil society organizations, etc).



AgWA, the Partnership

SECRETARIAT

Host institution



The Secretariat is currently hosted by **FAO** at its **Sub-Regional Office for Eastern Africa (SFE)** in Addis Ababa.

Staff

AgWA Coordinator, Assistant, M&E officer (funds permitting)
Specific-Task Consultants

Technical backstopping by FAO-HQs/Decentralized Offices

STEERING COMMITTEE

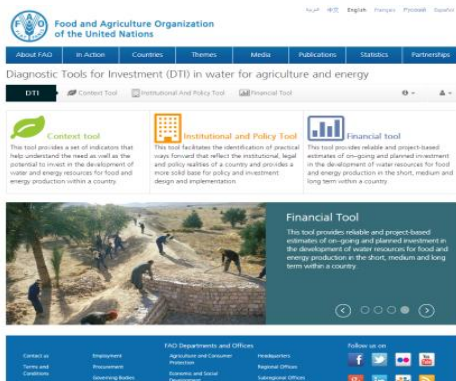
Members

Steering Committee to be constituted of **2 partners (funding and non-funding)**- Addis Meeting (March 2014)



AgWA, the Partnership

ACTIVITIES (1/4)



March 2012 – on-going

Launch of AgWA website and preparation of promotional material



January 2012 – on-going

Development of Diagnostic Tools for Investment (DTI) in water for agriculture and energy, their web platform and respective promotional material



August 2012

World Water Week
Organization of a Seminar on: *Communities of practice, and financial and institutional tools for sustainable water management in Africa*



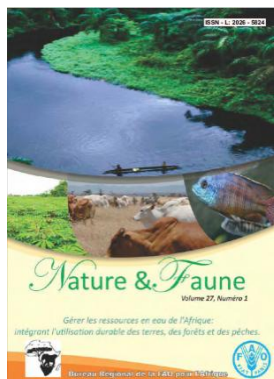
AgWA, the Partnership

ACTIVITIES (2/4)

October 2012

AgriKnowledge Share Fair

AgWA organized two focused discussions on Agriculture Water Management.



December 2012

Nature & Faune, Volume 27, Number 1.
***Gérer les ressources en eau de l'Afrique:
intégrant l'utilisation durable des terres,
des forêts et des pêches***

Publication of the article:
*Complementarities between the
integrated and the sectoral approach to
water resources management.*

June 2013 – March 2014

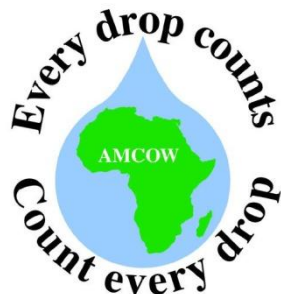
Assessment of the needs
for training and
demonstration on
Agriculture Water
Technologies in Eastern
Africa.





AgWA, the Partnership

ACTIVITIES (3/4)



African Ministers' Council on Water

October 2013

World Irrigation Forum 2013

Organization of a Seminar on: *AgWA Partnership, working together to promote investment in Agricultural Water Management in Africa.*



October 2013

High level forum on Irrigation in the Sahel

AgWA was represented and contributed to the preparation of the High Level Expert Session: *Achieving Sustainable Irrigation Development in the Sahel: What will it take?*



June 2013

AgWA at African Ministries Council on Water (AMCOW) meeting

AgWA presented itself, its projects/initiatives and its workplan during this meeting.



AgWA, the Partnership

ACTIVITIES (4/4)



December 2013

Regional Workshop (and study) for a better connectivity between land tenure and AWM (Ouagadougou, Burkina Fasso)



March 2014

Eastern Africa Sub-regional Workshop on addressing the challenges of water scarcity in East Africa and Strengthening resilience to Drought: Support to CAADP Compact Process Implementation



August 2014

Workshop of the Entry Phase of the Project "Strengthening Agricultural Water Efficiency and Productivity on the African and Global level" (Rome, Italy)





PROJECTS (1/3)



RECENTLY IMPLEMENTED

1. Building up Mature Partnership for Scaling up Agricultural Water Management in Africa (AgWA) – **IFAD** – Ghana, Senegal, Cameroun, Burkina Faso, Nigeria and Tanzania

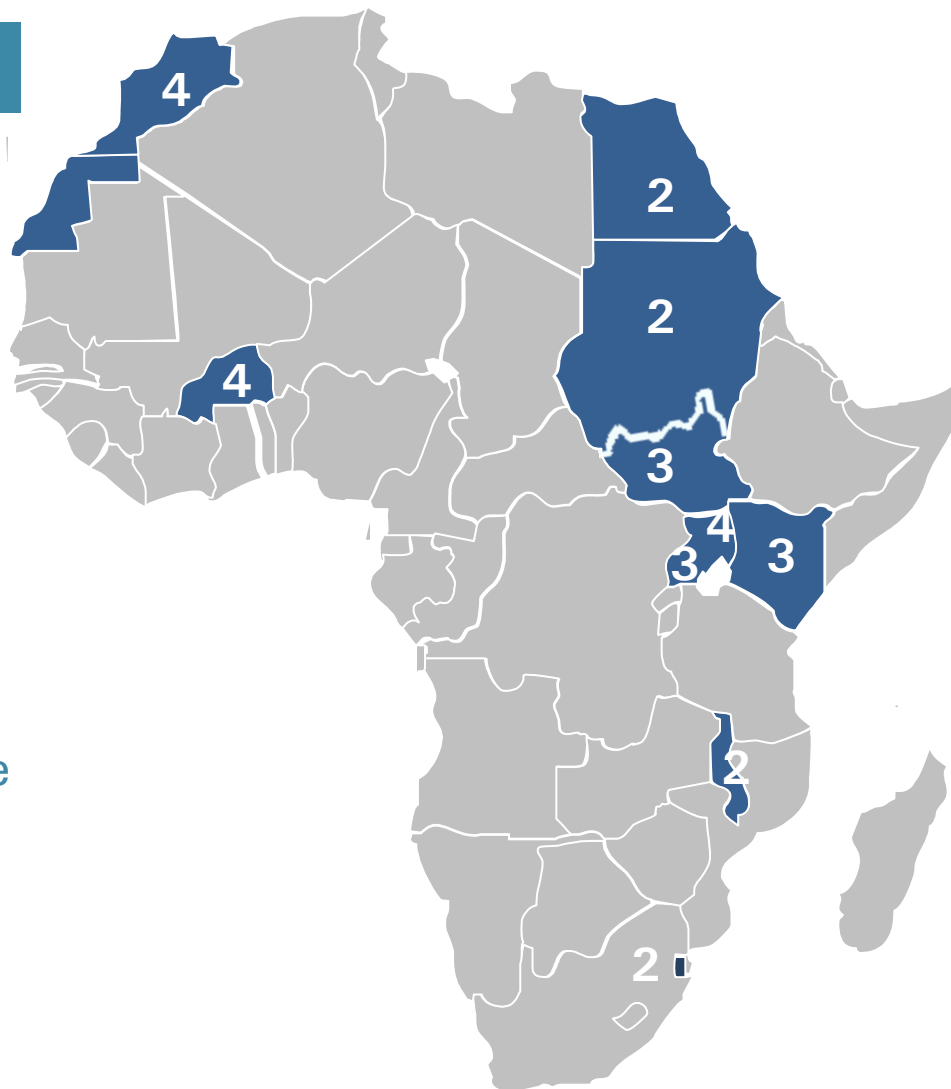


PROJECTS

ON-GOING

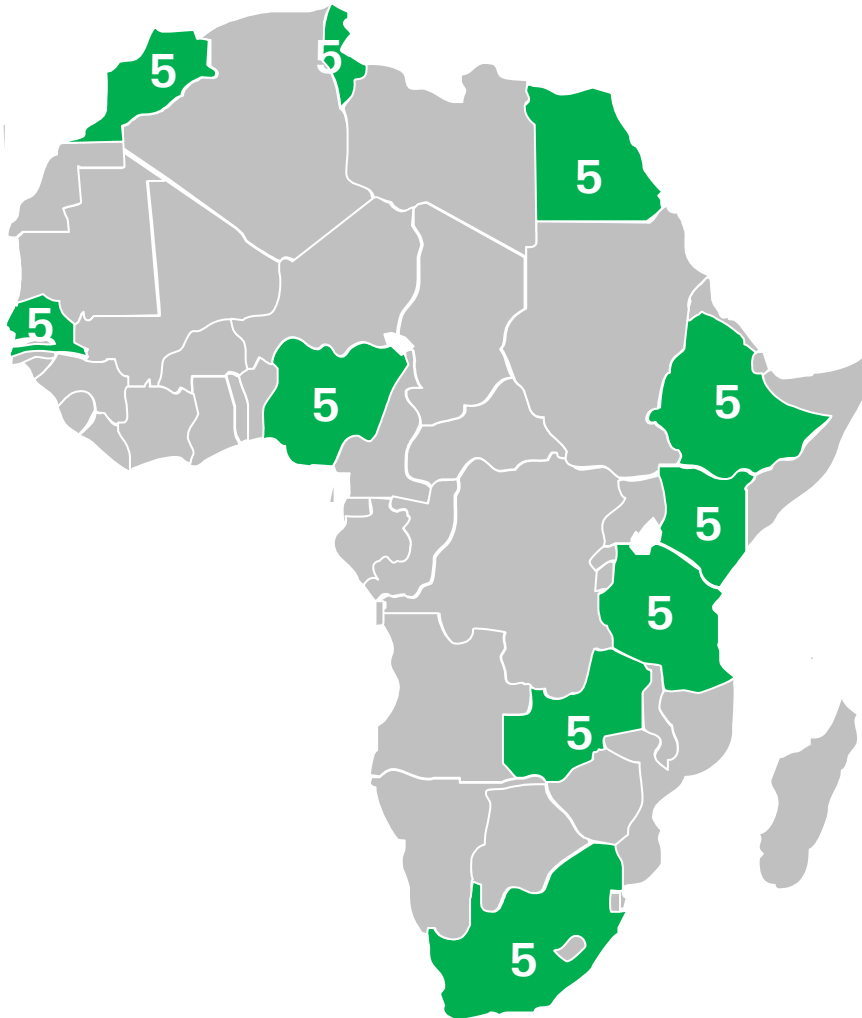
2. Support to the pre- and post-CAADP compact process for improved agricultural water management – **FAO**
3. Support to Agricultural Water Management in the Horn of Africa through the Partnership for Agricultural Water in Africa (AgWA) – **USDS**
4. Strengthening Agricultural Water Efficiency and Productivity on the African and Global level – **Swiss Cooperation**

Entry Phase, Phase I





PROJECTS



On-going

5. Assessment of the impact of agricultural water management projects funded by the African Development Bank – **AfDB**

[RMCs to be selected]



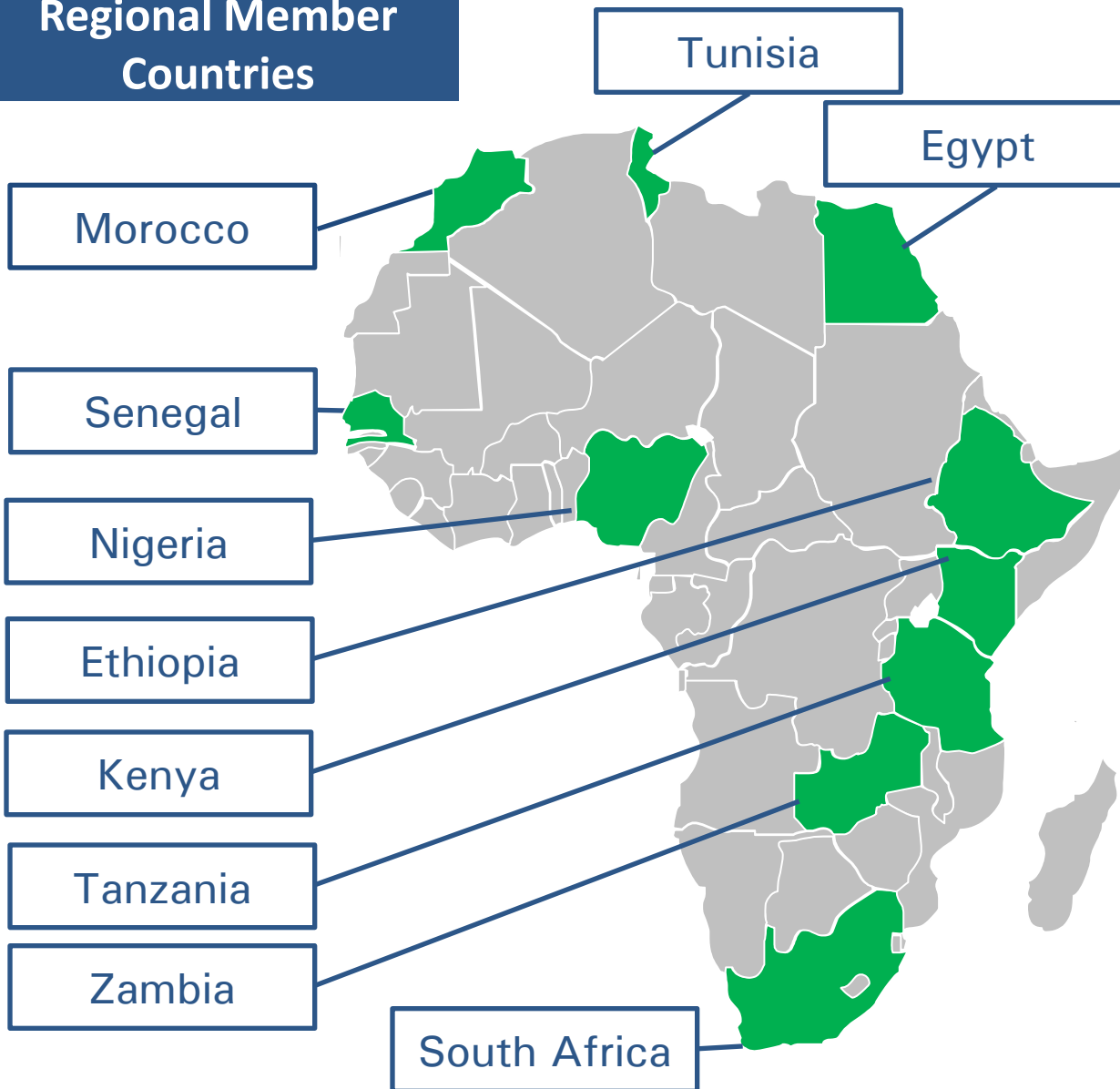
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The AfDB Project

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Regional Member Countries



DONOR

African
Development Bank

TIME FRAME

Duration of
assignment 12 months

BUDGET

USD 312,501

Objectives

**Assess AfDB funded projects
on AWM between 1990-2005**



**Establish links and
implement policy liaison at
Pan-African level**



**Assess the establishment of
strategic partnerships in
AWM for AfDB in Africa**



**Provide recommendations to
AfDB for AWM investments
in RMCs**



Expected Results

The performance of implemented AWM projects is assessed

Investments in AWM projects is increased

The use of water and land for agriculture and food security is optimized

Activities and Deliverables

Activities

1. Initial Review

2. Assessment of Constraints and Proposed Work Program

3. Production of Final Report

4. Validation Process

Deliverables

Draft Inception Report
AfDB Comments
Final Inception Report

Brief Monthly Reporting on Progress
Video- or Teleconference

Draft Final Report
AfDB Comments
Revised Draft Report
AfDB Comments
AfDB Written Comments
Revised Final Report

Stakeholder Comments
Finalized Final Report
Final Report for AfDB Approval



AfDB Project

Expected Outputs

- ✓ **A final report** on the assessment of AfDB portfolio in AWM
- ✓ **Recommendations** on AWM related investments with a clear log frame and prospective pipeline projects
- ✓ **Mapping** of status of AfDB financed AWM projects (1990-2005) and their level of utilization and maintenance
- ✓ **Regional workshop** on the impact of AWM projects funded by AfDB



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Impact Assessment

**Proposed Methodological Framework and Selection of
Regional Member Countries**

Selection Criteria for Regional Member Countries

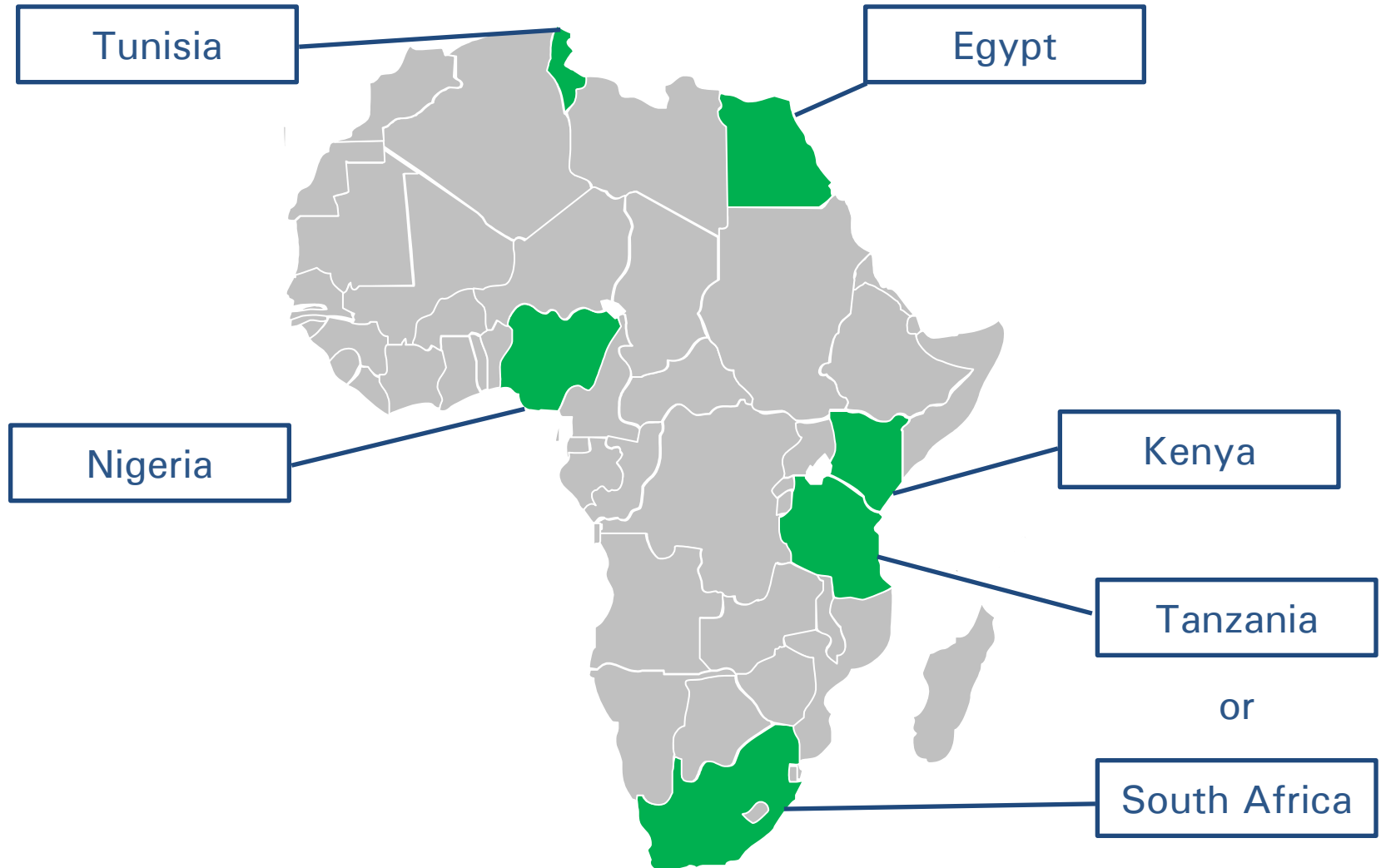
- ✓ Level of poverty and food insecurity
- ✓ Relevance of agriculture - either mainly rain-fed or irrigated
- ✓ Potential for improving or expanding AWM
- ✓ Existence of strategies and plans/ level of political will for improved AWM
- ✓ Number and size of AfDB projects in the country (importance of portfolio since 1990)

Criteria and Scores of each RMC

	Level of poverty & food insecurity	Relevance of Agriculture either mainly rainfed or irrigated	Potential for improving or expanding AWM	Existence of strategies & plans / level of political will for improved AWM	Number and size of AfDB projects in the country (Importance of the Portfolio: since 1990)	Weighted score
	30%	25%	15%	20%	10%	
Egypt	3	4	4	4	3	3.6
Ethiopia	3	3	4	3	2	3.05
Kenya	3	4	3	3	3	3.25
Morocco	2	4	3	4	3	3.15
Nigeria	3	3	4	3	3	3.15
Senegal	3	3	4	3	3	3.15
S. Africa	3	3	3	3	3	3
Tanzania	3	3	3	3	3	3
Tunisia	2	4	4	4	4	3.4
Zambia	3	3	3	3	2	2.9

Very low = 1
 Low = 2
 Medium = 3
 High = 4
 Very High = 5

Proposed RMCs



Ex-Post Impact Assessment

Disaggregate Economic Rate of Return Assessment
used to:

- ✓ Suitable method to **evaluate past and terminated projects**
- ✓ **Evaluate impacts** resulting from the intervention
- ✓ Provide information on the **impacts on project beneficiaries**
- ✓ Provide information on **results for the implementing institution**
- ✓ **Flexibility** to adapt the design of the impact assessment to contextual factors in the RMCs

Ex-Post Impact Assessment

Steps for Implementation:

- ✓ Establish a theory of change,
 - ✓ What was expected to happen through AfDB's investments?
 - ✓ What was the expected change?
- ✓ Understand the chain of influence on recipients of investments
 - ✓ Identify/ describe impact pathway of AfDB's investments on recipients
- ✓ Mapping of relevant stakeholders
- ✓ Involving identified stakeholders in the impact evaluation

Evaluation Criteria

Criteria

- ✓ Relevance
- ✓ Efficacy
- ✓ Efficiency
- ✓ Institutional impact
- ✓ Sustainability

Indicators

- ✓ Economic returns of AWM component of AfDB projects
- ✓ Water use efficiency after implementation of AWM component of AfDB projects
- ✓ Investments in AWM projects

THANK YOU FOR YOUR ATTENTION!