



**FOSTERING A WATER, FOOD AND ENERGY SECURITY NEXUS
DIALOGUE AND MULTI-SECTOR INVESTMENT IN THE SADC
REGION**

**SADC WEF Nexus Operational Framework: facilitating a
WEF Nexus Oriented Investment**

**Terms of Reference for a Lead Author to prepare a SADC WEF
Nexus Operational Framework**

April 2018,
Gaborone, Botswana



1. Background

The Southern African region represents a wide range of resource and climate contexts with varied supplies of water, food and energy. Each of the fifteen member states of the Southern African Development Community (SADC) has a distinct developmental imperative. The main objectives of the SADC are to achieve economic development, peace and security, and growth, alleviate poverty, enhance the standard and quality of life of the peoples of Southern Africa, and support the socially disadvantaged through Regional Integration. SADC is an inter-governmental organization established in 1992 by the Member States.

The SADC Regional Water Policy was adopted in 2005. The Policy is implemented through a Regional Strategic Action Plan (RSAP), a 5-year Regional Water Programme. The current RSAP IV (2016-2020) consists of 8 programmes, out of which one is a Water, Energy, and Food (WEF) security nexus.

A Regional Energy Access Strategic Action Plan (REASAP) was approved in 2011, setting broad goals for improving access to modern forms of energy as well as specific policy mechanisms to achieve increased access. A Renewable Energy Strategy and Action Plan (RESAP) was approved in 2016, and a SADC Centre for Renewable Energy and Energy Efficiency (SACREEE) is established in Namibia.

A Regional Agricultural Policy (RAP) was adopted in 2014. SADC is working on its implementation through a Regional Agricultural Investment Plan (RAIP) which has been adopted in March 2017. SADC has also approved the establishment of Regional Agriculture Development Fund as part of the broader Regional Development Fund to further support implementation of the Policy.

The SADC Industrialisation Strategy and Roadmap (2015-2063) was approved in April 2015. This framework is aimed at achieving industrial development and has been placed at the core of the developmental integration agenda of SADC. Inherent in this policy is recognition from SADC Member States that industrial development is central to diversification of their economies; development of productive capacity; and the creation of employment in order to reduce poverty and set their economies on a more sustainable growth path.

Water, energy and food security are key priority areas for SADC. Integrated planning of water, food and energy sectors and promoting regional cooperation has been considered as a strategy to meet water, energy and food security targets, and to improve natural resource use efficiencies in the region.

The WEF Nexus is an approach that can be applied at different scales and contexts. The SADC WEF Nexus Operational Framework is expected to provide overall guidance and tools to make decisions, coordinate between different sectors and facilitate Nexus investments in the SADC region. The goal is to inform investment, decision making and associated risk management to ensure optimization of water, energy and food security.

2. Project

The SADC WEF NEXUS Dialogue Project “Fostering Water, Energy and Food Security Nexus Dialogue and Multi-Sector Investment in the SADC Region” is a project supported by the European Commission as part of the global ‘Nexus Dialogues Programme’. The Nexus Dialogues Programme (Phase I) aims at helping regional organisations and their member states applying a nexus

approach in the formulation of multi-sector policy recommendations, strategies, action plans and investment programmes. Phase I also aims at identifying concrete investment projects - with a focus on multi-purpose water infrastructure - which could be funded under Phase II.

The overall objective of the project is to support the transformation required to meet increasing water, energy and food security demand in a context of climate change in the SADC Region through the development of a truly integrated nexus approach. The specific objective of the project is to create an enabling environment that will drive cross-sectoral engagement and implementation of nexus investment projects that contribute to enhancing water, food and energy security in SADC region. The SADC Nexus Dialogue Project is a strategic fit in the implementation of SADC Regional Indicative Strategic Action Plan (RSAP IV) and the Roadmap and Strategy for Industrialisation.

The two expected results of the project are:

- Establishing a SADC Regional WEF Nexus Operational Framework; and
- Developing a prioritised list of Nexus Investment Projects

GWPSA, as a project implementing partner for SADC, is looking for an individual consultant as a Lead Writer of the SADC Regional WEF Nexus Operational Framework as per the attached Outline.

3. Objective

The main objective of the assignment will be to write the SADC Regional WEF Nexus Operational Framework through consolidating contributions from other writers of specific sections. The main objective of the framework is to provide tools, guidelines, or other mechanisms that enhance WEF nexus approaches in the SADC region to facilitate investment in the region.

4. Scope of the work

The scope of work includes the following:

4.1 Draft the sections under PART TWO: SADC WEF Nexus Investment: Project Prioritization

- a) WEF Nexus Screening and Scoping
 - Draft WEF Nexus Criteria/Tools for screening investment projects
 - Draft procedures for Scoping WEF Nexus analysis for investment projects
 - Facilitate Stakeholders' dialogue for input
 - Hold discussions with SADC Secretariat and WEF nexus Technical Partners such as Stockholm Environment Institute (SEI)
- b) Investment Projects' prioritization
 - Draft Prioritization criteria (preliminary) using WEF Nexus approaches
 - Facilitate Stakeholders' dialogue for input
 - Hold discussions with SADC Secretariat and WEF nexus Technical Partners such as Stockholm Environment Institute (SEI)

4.2 Draft the sections under PART TWO: SADC WEF Nexus Investment: Project Appraisal

- a) WEF Nexus Analysis
 - Review the available WEF Nexus Analytical Tools (project optimization (synergies and trade-offs) using models) to support decision making involving the three sectors
 - Draft text on the importance of considering Nexus analysis as part of feasibility study and project appraisal.
 - Draft procedural and technical guidelines for conducting a WEF Nexus Analysis

- Hold discussions with SADC Secretariat and WEF nexus Technical Partners such as Stockholm Environment Institute (SEI)

4.3 Review contributions from other writers for the sections under PART One: SADC WEF Nexus Governance system: coordination and decision-making

- a) Mechanisms for enhancing institutional coordination at regional level:
- b) Mechanisms for aligning sectoral policies:

4.4 Review contributions from other writers for the sections under PART Four: SADC WEF Nexus technical guidelines for Member States and RBOs

- a) Technical Guidelines for Member States
- b) Technical Guidelines for RBOs

4.5 Write up the overall SADC WEF Nexus Operational Framework Document as per the attached outline

5. Duration of the work

The work will be delivered within seven months starting from 1 June until end December 2018.

6. Tasks to be performed

The consultant will perform the following tasks:

- a) Prepare an inception report on the methodologies, approaches and time frame that will be applied
- b) Regularly consult with the GWPSA Program Team and SADC Team. Also consult other partners when necessary and relevant
- c) Coordinate the writers of the different sections of the framework, and lead the writing-up of the document
- d) Organize meetings/technical sessions for reviewing the different sections of the document
- e) Participate in main events related to the SADC-EU WEF nexus project
- f) Regularly communicate with GWP-SA Team

7. Supervision, Reporting and Deliverables

The Consultant shall report to the Technical Advisor for Programs, GWP Africa Coordination Unit/GWP Southern Africa.

The Consultant will be expected to work closely with the GWP and SADC Teams

The following deliverables are expected from the consultant:

- An inception report describing the methodologies and approaches for drafting the two sections and for writing the overall document
- Draft document on SADC WEF Nexus Investment Project Prioritization
- Draft document on SADC WEF Nexus Investment Project Appraisal
- Reports from the different meetings or consultations in the course of the period of the assignment
- Draft Document on SADC Regional Operation Framework
- Soft copies of documents referred during the process

8. Qualification and experience

The assignment defined in this TOR requires a high level technical/professional expertise. Individuals interested in this work are required to have the following qualifications and experiences:

- Minimum qualification with Master of Science Degree in Economics, Natural Resources/Environmental Economics, Development Economics, Environmental science or related disciplines
- An understanding of water resources management, climate change, water-food-energy nexus and SDG issues of the SADC region
- An understanding of development issues and major actors in the SADC region
- At least 10 years of relevant experience in policy analysis, stakeholder engagement, project prioritization, appraisal. At least four years of working experience in the SADC region.
- Knowledge of English language is a must.
- Good knowledge of GWP engagement processes in the SADC region

9. Remuneration

Payments for this consultancy assignment will be based on negotiation between GWP and the consultant considering the objectives of GWP which encourages contributions of expertise and other resources to the development of the network in the region. Other costs such as travel and per diem will be covered separately by GWPSA.

10. Applications

Individual consultants meeting all the above requirements are invited to submit their CV's to the following address not later than 10th May 2018.

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Annex 1: Outline of the SADC WEF Nexus Operational Framework

N	Topics	Proposed Mechanisms, Tools, Guidelines
PART One: SADC WEF Nexus Governance system: coordination and decision-making		
1.1	Mechanisms for enhancing institutional coordination at regional level:	
	1.1.1 WEF Coordination at SADC Secretariat	<ul style="list-style-type: none"> ▪ A structure within the SADC Secretariat above the sectoral Departments to facilitate coordination; ▪ The SADC Planning Unit to technically coordinate sectoral programs and activities ▪ A Joint Planning Team supporting the Planning Unit (chaired by Deputy ES)
	1.1.2 WEF Coordination between SADC Secretariat and SADC-affiliated institutions	<ul style="list-style-type: none"> ▪ Guidance Note from SADC on how the affiliated institutions work with SADC at regional level ▪ Regular Dialogue with SADC-Stakeholders- (project/initiatives-based engagement) ▪ The SADC Planning Unit to technically coordinate programs of SADC-affiliated institutions with support from the Joint Planning Team
	1.1.3 WEF Coordination between stakeholders at regional level	<ul style="list-style-type: none"> ▪ Guidance Note from SADC on how the WEF sector stakeholders work with SADC at regional level ▪ A Coordination Unit at SADC Secretariat OR The SADC Planning Unit ▪ Regular Dialogue with regional-Stakeholders- (project/initiatives-based engagement)
1.2	Mechanisms for aligning sectoral policies:	
	1.2.1 Coherence/alignment in implementing regional sectoral policies	<ul style="list-style-type: none"> ▪ SADC Guidelines on WEF integrated policy implementation
	1.2.2 Integrated WEF security strategies, targets, plans and programs	<ul style="list-style-type: none"> ▪ SADC Guidelines for preparing integrated strategies, targets, plans and programs
PART Two: SADC WEF Nexus Investment: Project prioritization		
2.1	2.1.1 WEF Nexus Screening and Scoping	<ul style="list-style-type: none"> ▪ WEF Nexus Criteria/Tools for screening investment projects ▪ Scoping WEF Nexus analysis for investment projects ▪ WEF Stakeholders' dialogue -joint engagement b/n the three sectors
	2.1.2 Investment Projects' prioritization	<ul style="list-style-type: none"> ▪ Prioritization criteria (preliminary) using WEF Nexus approaches ▪ WEF Stakeholders' dialogue -joint engagement b/n the three sectors
PART Three: SADC WEF Nexus Investment: Project appraisal		
3.1	3.1.1 WEF nexus analysis	<ul style="list-style-type: none"> ▪ WEF Nexus Analytical Tools (project optimization (synergies and trade-offs) using models) to support decision making involving the three sectors ▪ Nexus analysis as part of feasibility study and project appraisal.

		▪ WEF Nexus Analysis: procedural and technical guidelines	
PART Four: SADC WEF Nexus technical guidelines for Member States and RBOs			
4.1	4.1.1	Technical Guidelines for Member States	▪ Guidelines for screening, analysis and prioritization of investment projects at country level
	4.1.2	Technical Guidelines for RBOs	▪ Guidelines for screening, analysis and prioritization of investment projects at transboundary level
PART Five: Annex 1: Prioritized Investment Projects applying WEF nexus screening tools			
PART Five: Annex 2: WEF Nexus Country Perspectives of Member States (summary-1/2 pager/country)			