FOSTERING A WATER, ENERGY AND FOOD (WEF) SECURITY NEXUS DIALOGUE AND MULTI-SECTOR INVESTMENT IN THE SOUTHERN AFRICAN DEVELOPMENT COMMUNITY (SADC) REGION

SADC WEF Nexus Operational Framework: Facilitating a WEF Nexus-oriented Investment

Terms of Reference to Carryout WEF Nexus Governance Analysis and Improve the Draft SADC WEF Nexus Operational Framework

December 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 15 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 people of Southern Africa; and support the socially disadvantaged through regional integration. SADC is an intergovernmental 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 program. The current RSAP IV (2016-2020) consists of eight programs, 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 the SADC Centre for Renewable Energy and Energy Efficiency (SACREEE) was established the same year 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 was 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 RAP.

The SADC Industrialization 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, energy and food sectors, and promoting regional cooperation have been considered as a strategy to meet water, energy and food security targets, and to improve efficiency in natural resource use 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 supported by the European Commission as part of the global ‘Nexus Dialogue Programme’. The Nexus Dialogue Programme (Phase I) aims to help regional organizations and their member states in applying a nexus approach in the formulation of multi-sector policy recommendations, strategies, action plans and investment programs. 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 the SADC region. The SADC Nexus Dialogue Project is a strategic fit in the implementation of the fourth phase of the SADC Regional Strategic Action Plan (RSAP IV), and the Industrialization Strategy and Roadmap.

The following results are expected on completion of the project:
- Establishing a SADC Regional WEF Nexus Operational Framework.
- Developing a prioritized list of nexus investment projects.

Global Water Partnership Southern Africa (GWP SA), as a project implementing partner for SADC, is looking for an individual consultant to carry out further analysis on the water, energy and food security governance issues at SADC regional level, and to improve the draft SADC WEF Nexus Operational Framework.

3. Objective
The main objective of the assignment is to undertake further analysis on the water, energy and food security governance issues at SADC regional level, and to improve the draft SADC WEF Nexus Operational Framework.

4. Scope of the work
The scope of work includes the following:

a) Conduct a critical analysis on water, energy and food security policies, strategies, plans and programs to identify coherences between them.
b) Draft WEF Nexus Guidelines to member states and implementing partners.
c) Summarize the WEF nexus opportunities for each member state (summaries for 15 countries).
d) Consolidate all documents and develop an improved version of the SADC WEF Nexus Operational Framework.

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c) Summarize the WEF nexus opportunities for each member state (summaries for 15 countries).

d) Consolidate all documents and develop an improved version of the SADC WEF Nexus Operational Framework.

5. Duration of the work
The work will be delivered within 2 months starting from January 15, 2019 to March 15, 2019.

6. Tasks to be performed
The consultant will perform the following tasks:

a) Hold a meeting (physical/virtual) with the GWP SA program team to provide an agreed understanding of the assignment.
b) Regularly consult with the GWP SA program team.
c) Review documents that are available and relevant for the assignment.
d) Conduct a WEF nexus governance analysis.
e) Develop the SADC WEF Nexus Operational Framework.
f) Regularly communicate with the GWP SA team.

The tentative outline of the SADC WEF Nexus Operational Framework covers the following sections:

1. Introduction
2. SADC and the WEF nexus approach
3. SADC WEF nexus regional perspective
4. WEF nexus governance in the SADC region
5. WEF nexus investment: WEF nexus project screening and appraisal tool
6. SADC WEF nexus guidelines for implementation partners and member states
7. Annex 1: Prioritized investment projects applying WEF nexus screening tools
8. Annex 2: Summary of country WEF nexus perspective papers
9. References
7. **Supervision, reporting and deliverables**

The consultant will report to the Technical Advisor for Programs, GWP Africa Coordination Unit/GWP Southern Africa. He/she will be expected to work closely with the GWP team.

The following deliverables are expected from the consultant:

- A draft structure of the WEF nexus analytical work and a sample of one country’s summary on WEF nexus issues.
- Draft document on the SADC Regional Operation Framework.
- Soft copies of documents referred during the process.

8. **Qualifications and experience**

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

- Minimum qualification: a 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 and the water-energy-food nexus, and issues related to the United Nations Sustainable Development Goals (SDGs).
- An understanding of development and governance issues of the water, energy and food security sectors, and related sectors.
- At least 10 years of relevant experience in policy analysis, and in preparing reports based on an analytical work.
- Knowledge of the English language is a must.
- Previous experience of working with GWP and SADC will be an advantage.

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 GWP SA.

10. **Applications**

Individual consultants meeting all the above requirements are invited to submit their curriculum vitae to the following address no later than January 24, 2019.

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with copy to Julienne Ndjiki - juliennenedjiki@gwpsaf.org