

Part I: Project Information

GEF ID	10089
Project Title	Strengthening rural and urban resilience to climate change and variability by the provision of water supply and sanitation in Chad
Date of Screening	4-Dec-18
Screener	Sunday Leonard
Panel Member	Ferenc Toth

STAP Overall Assessment

Concur

STAP welcomes the AfDB proposal "Strengthening rural and urban resilience to climate change and variability by the provision of water supply and sanitation in Chad". The project aims to strengthen rural and urban resilience to climate change and variability by the provision of water supply and sanitation in that country. Overall, STAP believes the PIF is very well-developed, scientifically and technically sound. In order to strengthen the project, STAP makes the following remarks and recommendations:

Recommendations:

1. In Section 1-2 Baseline scenario (p. 21): the list of active projects dates back to September 30, 2016, that is more than two years ago. It might be useful to include in the Baseline scenario projects that have been initiated (approved or actually started) since then to capitalize on them and to avoid overlaps/repetitions.
2. Please address the discrepancy in the discussion on trends in mean annual rainfall. In Box 1, it was stated that "no trend in mean annual rainfall has been determined since 1990... no consistent trend has been detected". However, in the section on "Decrease in rainfall and the change of its spatial and temporal distribution", it states that Agrhymet data show that there has been a decline in average annual rainfall throughout the country. Please clarify this discrepancy.
3. Output 2.1.1 focuses on well prospecting, scheme design and construction of safe water supply system. This is more of a developmental activity/agenda. To make this sustainable, the

Part I: Project Information
B. Indicative Project
Description Summary

Project Objective

What STAP looks for

Is the objective clearly defined, and consistently related to the problem

Response

Yes

Project components	A brief description of the planned activities. Do these support the project's objectives?	Yes
Outcomes	A description of the expected short-term and medium-term effects of an	Yes, provided
	Do the planned outcomes encompass important global environmental benefits?	Yes, they will provide important adaptation benefits - if well implemented.
Outputs	Are the global environmental benefits likely to be generated? A description of the products and services which are expected to result from the project.	Yes, they will provide important adaptation benefits - if well implemented. Yes
Part II: Project justification	A simple narrative explaining the project's logic, i.e. a theory of change.	A Theory of Change was not provided but the description of components and outcomes indicates a logical transition from the problems to the solutions and expected outcomes

1. Project description.

Briefly describe:

1) the global environmental and/or adaptation problems, root causes and barriers that need to be addressed (systems

Is the problem statement well-defined? Yes

Are the barriers and threats well described, and substantiated by data and references? Yes

For multiple focal area projects: does the problem statement and analysis identify the drivers of environmental degradation which need to be addressed through multiple focal areas; and is the objective well-

Not Applicable.

2) the baseline scenario or any associated baseline projects

Is the baseline identified clearly? Does it provide a feasible basis for quantifying the

Yes

Does it provide a feasible basis for quantifying the project's benefits? Yes

	Is the baseline sufficiently robust to support the incremental (additional cost) reasoning	Yes
	For multiple focal area projects:	
	are the multiple baseline analyses presented (supported by data and references), and the multiple benefits specified, including the proposed indicators?	Not applicable
	are the lessons learned from similar or related past GEF and non-GEF interventions	Not applicable
	how did these lessons inform the design of this project?	Not applicable
3) the proposed alternative scenario with a brief description	What is the theory of change?	A Theory of Change was not provided but the description of components and outcomes indicates a logical transition from the
	What is the sequence of events (required or expected) that will lead to the desired	Properly presented and plausible
	· What is the set of linked activities, outputs, and outcomes to address the	Properly presented and plausible
	· Are the mechanisms of change plausible, and is there a well-informed	Properly presented and plausible
	· Is there a recognition of what adaptations may be required during project implementation to respond to changing	No
5) incremental/additional cost reasoning and expected contributions from the baseline,	GEF trust fund: will the proposed incremental activities lead to the delivery of global environmental benefits?	Not applicable
	LDCF/SCCF: will the proposed incremental activities lead to adaptation which reduces vulnerability, builds adaptive capacity, and	Yes
6) global environmental benefits (GEF trust fund) and/or adaptation benefits (LDCF/SCCF)	Are the benefits truly global environmental benefits, and are they measurable?	Yes, the adaptation benefits are measurable.
	Is the scale of projected benefits both plausible and compelling in relation to the	Yes

Are the global environmental benefits explicitly defined?	Yes, adaptation benefits are explicitly defined.	
Are indicators, or methodologies, provided to demonstrate how the global environmental benefits will be measured and monitored during project implementation?	The PIF does not present quantitative indicators or methodologies but the qualitative benefits are clear. The investments will strengthen rural and urban resilience to climate change and variability by the provision of water supply and sanitation in Chad	
What activities will be implemented to increase the project's resilience to climate change?	The project will strengthen rural and urban resilience to climate change and variability by the provision of water supply and sanitation. Activities include: capacity building, training, development of climate information and early warning systems, and will improve access to climate resilience water supply and sanitation.	
7) innovative, sustainability and potential for scaling-up	Is the project innovative, for example, in its design, method of financing, technology, business model, policy, monitoring and evaluation, or learning?	It is innovative in the context of Chad. It will involve the use of remote sensing - satellite or airborne sensors to monitor groundwater abstraction which is new in Chad.
	Is there a clearly-articulated vision of how the innovation will be scaled-up, for example, over time, across geographies, among institutional actors?	It will be essential to secure a commitment from the government or private sources to ensure the sustainability of all (institutional and physical) outputs of the project and increase the chances of scaling up.
	Will incremental adaptation be required, or more fundamental transformational change to achieve long term sustainability?	Incremental adaptation involving introduction of new technologies and capacity building

1b. Project Map and Coordinates. Please provide geo-referenced information and map where the project

Provided

<p>2. Stakeholders. Select the stakeholders that have participated in consultations during the project identification phase: Indigenous people and local communities; Civil society organizations; Private sector entities. If none of the above, please explain why. In addition, provide indicative information</p>	<p>Have all the key relevant stakeholders been identified to cover the complexity of the problem, and project implementation barriers?</p>	<p>Partially. Some of the issues and solutions related to introduction of tariffs and fees are about the affordability to the most vulnerable population groups. However, there is limited information in the current PIF on private sector engagement. It is very important that a detailed analysis of private sector engagement including barriers and incentives be carried out when the project is being fully developed.</p>
<p>3. Gender Equality and Women's Empowerment. Please briefly include below any gender dimensions relevant to the project, and any plans to address gender in project design (e.g. gender analysis). Does the project expect to include any gender-responsive measures to address gender gaps or promote gender equality and women empowerment? Yes/no/ tbd. If possible, indicate in which</p>	<p>What are the stakeholders' roles, and how will their combined roles contribute to robust project design, to achieving global environmental outcomes. and to lessons Have gender differentiated risks and opportunities been identified, and were preliminary response measures described that would address these differences?</p>	<p>See stakeholder section in the PIF</p> <p>Gender analysis will be done during the PPG phase</p>
	<p>Do gender considerations hinder full participation of an important stakeholder group (or groups)? If so, how will these</p>	<p>Gender analysis will be done during the PPG phase</p>

<p>5. Risks. Indicate risks, including climate change, potential social and environmental risks that might prevent the project objectives from being achieved, and, if possible, propose measures that address these</p>	<p>Are the identified risks valid and comprehensive? Are the risks specifically for things outside the project's control?</p>	<p>Yes, the risks section presents a reasonably good list of potential risks and management measure. However, an important risk is missing - political risk, for which management options need to be developed.</p>
	<p>Are there social and environmental risks which could affect the project? For climate risk, and climate resilience measures:</p>	<p>Yes</p>
	<ul style="list-style-type: none"> How will the project's objectives or outputs be affected by climate risks over the period 2020 to 2050, and have the impact of these risks been addressed 	<p>This is an adaptation project. The goal is to manage climate impact and risk and increase resilience</p>
	<ul style="list-style-type: none"> Has the sensitivity to climate change, and its impacts, been assessed? 	<p>This is an adaptation project. The goal is to manage climate impact and risk and increase resilience</p>
	<ul style="list-style-type: none"> Have resilience practices and measures to address projected climate risks been identified? 	<p>This is an adaptation project. The goal is to manage climate impact and risk and increase resilience</p>
	<ul style="list-style-type: none"> What technical and institutional capacity, and information, will be needed to address climate risks and resilience 	<p>This is an adaptation project. The goal is to manage climate impact and risk and increase resilience</p>
<p>6. Coordination. Outline the coordination with other relevant GEF-financed and other related</p>	<p>Are the project proponents tapping into relevant knowledge and learning generated by other projects, including GEF projects?</p>	<p>Yes</p>
	<p>Is there adequate recognition of previous projects and the learning derived from</p>	<p>Yes</p>
	<p>Have specific lessons learned from previous projects been cited?</p>	<p>Yes</p>
	<p>How have these lessons informed the project's formulation?</p>	<p>The project will build on the lessons</p>
	<p>Is there an adequate mechanism to feed the lessons learned from earlier projects into this project, and to share lessons learned from it into future projects?</p>	<p>Yes</p>

8. Knowledge management. Outline the “Knowledge Management Approach” for the project, and how it will contribute to the project’s overall impact, including plans to learn from relevant projects, initiatives and evaluations.

What overall approach will be taken, and what knowledge management indicators and metrics will be used?

In addition to the activities outlined in the PIF, a separate component (Component 4) is devoted to knowledge management, monitoring and evaluation. Given the nature of this project, the successful implementation of these plans will generate broad benefits far beyond the boundaries of this project.

What plans are proposed for sharing, disseminating and scaling-up results, lessons and experience?

See above

STAP Notes