

Scientific and Technical Advisory Panel

The Scientific and Technical Advisory Panel, administered by UNEP, advises the Global Environment Facility
(Version 5)

STAP Scientific and Technical screening of the Project Identification Form (PIF)

Date of screening: May 10, 2012

Screeners: Lev Neretin

Panel member validation by: Nijavalli H. Ravindranath
Consultant(s):

I. PIF Information *(Copied from the PIF)*

FULL SIZE PROJECT GEF TRUST FUND

GEF PROJECT ID: 4929

PROJECT DURATION : 3

COUNTRIES : Regional (Africa)

PROJECT TITLE: AfDB-PPP Public-Private Partnership Program

GEF AGENCIES: AfDB

OTHER EXECUTING PARTNERS:

GEF FOCAL AREA: Climate Change

II. STAP Advisory Response *(see table below for explanation)*

Based on this PIF screening, STAP's advisory response to the GEF Secretariat and GEF Agency(ies): **Consent**

III. Further guidance from STAP

This program's overarching objective is to enable the scaling up of renewable energy technologies on the African continent and contribute to the delivery of universal power supply in the region. Through the support for the renewable energy projects, the program will contribute to reducing greenhouse gas (GHG) emissions from energy supply.

The main focus of the project is on developing and implementing financial instruments and mechanisms to promote RE in Africa. Technology is not the focus of this proposal, and therefore STAP does not have a great deal to add from a scientific or technological perspective. However, STAP suggests consideration of the following issues during full project preparation:

1. Selection of technologies and Universal power supply: The PIF provides criteria for selecting the projects for GEF support, largely based on financial indicators. There is a list of technologies given for different regions of Africa as an indicative pipeline. It is not clear what criteria were adopted for selecting these technologies. STAP suggests developing criteria for selecting technological interventions based on indicators such as capacity to address the issue of "energy access", mitigation potential, and ability to meet the energy needs to promote "universal power supply", cost-effectiveness, etc. The PIF doesn't address how universal power supply would be achieved, even though the PIF notes that this is one the broad goals.
2. Barriers: The PIF mentions only financial barriers. Assuming all financial barriers are addressed, what if other barriers become apparent? A thorough analysis of barriers is suggested to ensure all the barriers related to promoting the strategy and technology packages identified are addressed.
3. Risks: The potential costs of power supply to end users needs to be addressed, particularly if the goal is as stated includes provision of universal power supply.

<i>STAP advisory response</i>	<i>Brief explanation of advisory response and action proposed</i>
1. Consent	STAP acknowledges that on scientific/technical grounds the concept has merit. However, STAP may state its views on the concept emphasising any issues that could be improved and the proponent is invited to approach STAP for advice at any time during the development of the project brief prior to submission for CEO endorsement.
2. Minor revision required.	STAP has identified specific scientific/technical suggestions or opportunities that should be discussed with the proponent as early as possible during development of the project brief. One or more options that remain open to STAP include:

	<ul style="list-style-type: none"> (i) Opening a dialogue between STAP and the proponent to clarify issues (ii) Setting a review point during early stage project development and agreeing terms of reference for an independent expert to be appointed to conduct this review <p>The proponent should provide a report of the action agreed and taken, at the time of submission of the full project brief for CEO endorsement.</p>
<p>3. Major revision required</p>	<p>STAP proposes significant improvements or has concerns on the grounds of specified major scientific/technical omissions in the concept. If STAP provides this advisory response, a full explanation would also be provided. Normally, a STAP approved review will be mandatory prior to submission of the project brief for CEO endorsement.</p> <p>The proponent should provide a report of the action agreed and taken, at the time of submission of the full project brief for CEO endorsement.</p>