

Scientific and Technical Advisory Panel

The Scientific and Technical Advisory Panel, administered by UNEP, advises the Global Environment Facility



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

Date of screening: 25th January 2010

Screener: Lev Neretin

Panel member validation by: N.H. Ravindranath

I. PIF Information

GEF PROJECT ID: **3923**

COUNTRY(IES): **CAPE VERDE**

PROJECT TITLE: **PROMOTING MARKET BASED DEVELOPMENT OF SMALL TO MEDIUM SCALE RENEWABLE ENERGY SYSTEMS IN CAPE VERDE**

GEF AGENCY(IES): UNIDO

OTHER EXECUTING PARTNER(S): MINISTRY OF INDUSTRY AND ENERGY, ELECTRA, ECOWAS CENTER FOR RENEWABLE ENERGY AND ENERGY EFFICIENCY

GEF FOCAL AREA (S): CLIMATE CHANGE

GEF-4 STRATEGIC PROGRAM(S): CC-SP 3

NAME OF PARENT/UMBRELLA PROJECT: A NATIONAL LEVEL PROJECT IN CAPE VERDE UNDER THE GEF PROGRAMMATIC APPROACH ON ACCESS TO ENERGY IN WEST AFRICA

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

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

III. Further guidance from STAP

1. The project submitted by UNIDO aims to establish market conditions for small to medium scale renewable energy systems. The project's framework is comprehensive and addresses key barriers for market transformation such as information and technical, institutional, legal and regulatory as well as economic and market barriers. Project interventions are expected to be built based on the baseline assessment conducted at the preparatory phase. STAP recommends considering the following issues before the CEO endorsement.
2. **Scale-up and replication:** Scale-up and replication are important issues to consider for the project of this scale to assure that enabling environment and lessons learned are distributed at the national level. STAP recommends that institutional capacity building and awareness raising activities target strategically important stakeholders from relevant sectors (energy generation, building and construction, waste management and etc) and at different levels (islands vs. national level).
3. **Climate risks:** Investments in small to medium scale renewable energy (wind, solar and small hydro) are susceptible to climate risks. Climate-proofing of proposed technologies/measures is required as a part of the technical feasibility/commercial viability analysis.

STAP advisory response	Brief explanation of advisory response and action proposed
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: (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 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.
3. Major revision required	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

	<p>review will be mandatory prior to submission of the project brief for CEO endorsement. 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>
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