

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: 30th September 2009

Screener: Lev Neretin

Panel member validation by: N.H. Ravindranath

I. PIF Information

GEFSEC PROJECT ID: 3641

COUNTRIES: COOK ISLANDS, SAMOA, TONGA, VANUATU, (PAPUA NEW GUINEA*)

PROJECT TITLE: PROMOTING ENERGY EFFICIENCY IN THE PACIFIC

GEF AGENCY: ASIAN DEVELOPMENT BANK

GEF FOCAL AREA: CLIMATE CHANGE

GEF-4 STRATEGIC PROGRAM: CC SP-1, CC SP-2

NAME OF PARENT PROGRAM/UMBRELLA PROJECT: PACIFIC ALLIANCE FOR SUSTAINABILITY (PAS)

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

The PIF identified five specific EE programs for support. Neither of these programs supports directly renewable energy sources. At least at the feasibility level, STAP recommends conducting analysis of different renewable energy technologies and barriers for their penetration. The project's support for EE enabling environment should include promotion of renewable energy technologies. Furthermore, STAP recommends conducting a baseline assessment of energy needs in different sectors of the economy, develop cost-effective mitigation scenarios, explore mitigation/adaptation synergies and develop solutions that are not only beneficial for provision of clean energy, but also benefit other environmental services such as clean water, sustainable waste management, integrated coastal management, and sustainable land management. This project is submitted as a part of the GEF Pacific Alliance for Sustainability (PAS) Programmatic Approach. Without strong integration between this project and other complementary PAS initiatives, the large potential benefits of PAS will not be materialized.

Emphasis on five EE programs in terms of their GHG mitigation potential, cost-effectiveness, return on investment and other factors is not explained. STAP expects systemic analysis of energy technologies for support at the project document submission phase.

The project concept is lacking a description of the baseline scenario.

STAP recommends considering climate risks as a part of project risk management strategy.

<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: (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 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.