

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: 13th October 2009

Screener: Lev Neretin

Panel member validation by: N.H. Ravindranath

I. PIF Information

GEF PROJECT ID: 4136

COUNTRY(IES): CHILE

PROJECT TITLE: PROMOTION AND DEVELOPMENT OF LOCAL SOLAR TECHNOLOGIES IN CHILE

GEF AGENCY(IES): IADB

OTHER EXECUTING PARTNER(S): NATIONAL ENERGY COMMISSION (CNE)

GEF FOCAL AREA (S): CLIMATE CHANGE

GEF-4 STRATEGIC PROGRAM(S): CC-SP1 AND CC-SP3

NAME OF PARENT PROGRAM/UMBRELLA PROJECT: STRATEGIC PROGRAM ON TECHNOLOGY TRANSFER

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. STAP expresses consent to the project that aims to support the development of markets for solar water heating and solar power generation in Chile. Project's framework is robust and includes institutional strengthening and capacity building in solar technologies, design of incentives and financial mechanisms for penetration of solar technologies, public awareness and, finally, demonstration projects using solar technologies for power generation and water heating.
2. At the project preparation phase, STAP recommends conducting financial analysis from end-users and manufacturers perspective to determine commercial attractiveness of solar technologies. This will help to design financial incentives and mechanisms for large-scale market penetration of solar technologies.

<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.