

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: **4132**

COUNTRY(IES): **MEXICO**

PROJECT TITLE: **PROMOTION AND DEVELOPMENT OF LOCAL WIND TECHNOLOGIES IN MEXICO**

GEF AGENCY(IES): **IADB**

OTHER EXECUTING PARTNER(S): **ELECTRICAL RESEARCH INSTITUTE (IIE)**

GEF FOCAL AREA (S): **CLIMATE CHANGE**

GEF-4 STRATEGIC PROGRAM(S): **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 supports this project that aims to strengthen domestic wind energy markets in Mexico. STAP notes that the project builds on two complimentary GEF projects removing barriers for full-scale implementation of wind power and supporting development of policy and technical regulations for distributed generation wind power applications.
2. Mexico has an ambitious plan to increase wind energy capacity from about 85 MW now to 2,267 MW by 2012. Such "leapfrog" development is impossible without significant lifting of existing barriers for penetration of wind energy technologies. STAP recommends conducting detailed barrier analysis that should include market survey (incl. supply/demand analysis for projected installed capacity), analysis of infrastructure barriers, and competitiveness of domestic designs of wind turbines vs. technologies available in international markets.

| <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: <ol 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 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. |