

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: @@@@ @@, @@@@

Screeners: Lev Neretin

Panel member validation by: Ralph E. Sims

Consultant(s):

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

FULL SIZE PROJECT **GEF TRUST FUND**

GEF PROJECT ID: 5143

PROJECT DURATION : 48

COUNTRIES : Regional (Egypt, Jordan, Morocco, Tunisia)

PROJECT TITLE: EBRD South Eastern Mediterranean EE/ ESCO Markets Platform (PROGRAM)

GEF AGENCIES: EBRD

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 is a well thought through proposal building on existing EE projects in these 4 countries. The challenge will be to remove the barriers that have, in-part, constrained energy efficiency initiatives to date, resulting in less success than what might have been expected.

It seems mis-leading to talk of a "kick-start" project when EE and ESCOs are already operating - though admittedly with varying degrees of success.

1. It is not clear what assumptions were used to calculate the 1.35 Mt CO₂ / yr of avoided emissions, nor what shares would arise from each of the 4 recipient countries. One project selection criteria to add could be \$invested/t CO₂ avoided. What is not covered in the narrative is what volumes of GHG emissions reductions have already resulted from the existing projects as outlined in each of the 4 countries. How will the baseline actually be measured taking these initiatives into account? Going forward, how will shares of future GHG emission avoidance be attributed to this new GEF project in addition to these existing projects? The details of MRV for each country could be expanded.

2. The renewable energy projects mentioned (solar water heating and solar PV) seem to be an add-on to energy efficiency measures. It is not clear why they are even included - especially as \$/t CO₂ avoided, especially from solar PV, is probably far more costly than many potential EE projects. Is a skilled workforce already in place for installing such technologies, or is a capacity building/ training component needed? Dropping this part of the programme from this proposal could be considered with the aim to seek to develop a new future project on distributed renewables and from STAP's perspective could be warranted.

<i>STAP advisory response</i>	<i>Brief explanation of advisory response and action proposed</i>
1. Consent	STAP acknowledges that on scientific or technical grounds the concept has merit. However, STAP may state its views on the concept emphasizing any issues where the project could be improved. Follow up: The GEF Agency is invited to approach STAP for advice during the development of the project prior to submission of the final document for CEO endorsement.
2. Minor revision required.	STAP has identified specific scientific or technical challenges, omissions or opportunities that should be addressed by the project proponents during project development. Follow up: One or more options are open to STAP and the GEF Agency: (i) GEF Agency should discuss the issues with STAP to clarify them and possible solutions.

	(ii) In its request for CEO endorsement, the GEF Agency will report on actions taken in response to STAP's recommended actions.
3. Major revision required	<p>STAP has identified significant scientific or technical challenges or omissions in the PIF and recommends significant improvements to project design.</p> <p>Follow-up:</p> <p>(i) The Agency should request that the project undergo a STAP review prior to CEO endorsement, at a point in time when the particular scientific or technical issue is sufficiently developed to be reviewed, or as agreed between the Agency and STAP.</p> <p>(ii) In its request for CEO endorsement, the Agency will report on actions taken in response to STAP concerns.</p>