

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: @@@@ @@, @@@@ Screener: 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: 4899

PROJECT DURATION : 3

COUNTRIES : Indonesia

PROJECT TITLE: Promoting Energy Efficiency for Non-HCFC Refrigeration and Air Conditioning (PENHRA)

GEF AGENCIES: UNDP

OTHER EXECUTING PARTNERS: Ministry of Energy and Mineral Resources (MEMR)

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

The project involves linking energy efficiency incentives with the phasing out of HCFCs from refrigeration and air-conditioning (RAC) appliances. Indonesia has a good track record for establishing a regulatory framework for controlling ODS which gives credibility to the concept of linking energy efficiency measures with the HCFC phase-out management plan. Training, capacity building and establishing test laboratories are included.

STAP has the following recommendations to consider during full project preparation:

1. RAC equipment manufacturers will be selected to lead the transition, but it is not stated what the selection criteria will be.
2. The barriers are clearly identified, but what share of total sales are the targets for energy efficient appliances in 2015, 2020 etc? No current market details are provided, other than it has "grown significantly". Detailed baseline assessment and ex-ante assessment of projected GHG emission reductions are needed to be developed.
3. What are the project indicators for success, based on MRV assessments? M&E system is needed to be developed.
4. The technologies are clearly identified, but no behavioral change discussion has been included. What will incentivise the customers to seek energy efficient options? Appropriate measures should be considered.
5. PIF is silent on the specific activities/technology transfer? that would be "co-ordinated" with Japan and Australia. Who exactly will do that, and how will it be achieved?

| <i>STAP advisory response</i> | <i>Brief explanation of advisory response and action proposed</i> |
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| 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. |

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| | (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> |