

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: May 04, 2016
Screener: Christine Wellington-Moore
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I. PIF Information *(Copied from the PIF)*

FULL SIZE PROJECT	GEF TRUST FUND
GEF PROJECT ID:	9206
PROJECT DURATION:	3
COUNTRIES:	Peru
PROJECT TITLE:	Sustainable Industrial Zone Development in Peru
GEF AGENCIES:	UNIDO
OTHER EXECUTING PARTNERS:	Ministry of Production Produce
GEF FOCAL AREA:	Multi Focal Area

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):
Concur

III. Further guidance from STAP

STAP welcomes this well considered initiative proposed by UNIDO in Peru. The proposed objectives and structure of this project as relates to the chemicals related activities are comprehensive and well articulated. However, STAP suggests that there is a need to better develop mechanisms to ensure that training received, particularly by companies with long term operations, is mainstreamed into company standard operation procedures, such that sound environmental considerations are, de facto, a part of doing business.

From a climate mitigation standpoint, the proposed project technology options make sense and should be further assessed using their mitigation potential, cost-effectiveness, O&M costs, potential for scaling up and industrial sector transformation. STAP, however, would encourage project proponents to treat improvements in energy systems for GHG mitigation and different potential BAT/BEP for chemicals and waste reduction as concomitant factors.

Improvements in BAT/BEP in multiple sectors reducing UPOPs and other emissions could also result in the reduced GHG emissions, but the effects vary depending on the industry sector (for guidance please consult: <http://www.stapgef.org/benefits-and-trade-offs-between-energy-conservation-and-releases-of-unintentionally-produced-persistent-organic-pollutants/>). Likewise, green chemistry and new product design applications should be assessed in terms of their GHG mitigation potential and GHG emission reductions accounted for in M&E component. Project proponents are encouraged to consult the updated terminology and GHG accounting guidelines available at: <https://www.thegef.org/gef/ghg-accounting>. The scientific information revealing the environmental pollution in the industrial areas of focus should be carefully considered for properly defined goals of reduced pollutant releases during the project implementation phase.

STAP advisory response	Brief explanation of advisory response and action proposed
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<p>1. Concur</p>	<p>In cases where STAP is satisfied with the scientific and technical quality of the proposal, a simple “Concur” response will be provided; the STAP may flag specific issues that should be pursued rigorously as the proposal is developed into a full project document. At any time during the development of the project, the proponent is invited to approach STAP to consult on the design prior to submission for CEO endorsement.</p>
<p>2. Minor issues to be considered during project design</p>	<p>STAP has identified specific scientific /technical suggestions or opportunities that should be discussed with the project proponent as early as possible during development of the project brief. The proponent may wish to:</p> <p>(i) Open a dialogue with STAP regarding the technical and/or scientific issues raised. (ii) Set a review point at an early stage during project development, and possibly agreeing to terms of reference for an independent expert to be appointed to conduct this review.</p> <p>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.</p>
<p>3. Major issues to be considered during project design</p>	<p>STAP proposes significant improvements or has concerns on the grounds of specified major scientific/technical methodological issues, barriers, or omissions in the project concept. If STAP provides this advisory response, a full explanation would also be provided. The proponent is strongly encouraged to:</p> <p>(i) Open a dialogue with STAP regarding the technical and/or scientific issues raised; (ii) Set a review point at an early stage during project development including an independent expert as required.</p> <p>The GEF Secretariat may, based on this screening outcome, delay the proposal and refer the proposal back to the proponents with STAP’s concerns.</p> <p>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.</p>