

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: March 01, 2013

Screener: Christine Wellington-Moore

Panel member validation by: Hindrik Bouwman
Consultant(s):

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

FULL SIZE PROJECT **GEF TRUST FUND**

GEF PROJECT ID: 5052

PROJECT DURATION : 4

COUNTRIES : Indonesia

PROJECT TITLE: Reducing Releases of PBDEs and UOPs Originating from Unsound Waste Management and Recycling Practices and the Manufacturing of Plastics in Indonesia

GEF AGENCIES: UNDP

OTHER EXECUTING PARTNERS: Ministry of Industry

GEF FOCAL AREA: POPs

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

PIF Information Extract:

The objective of this project is to reduce releases of PBDEs and UOPs by improving overall life-cycle management of plastics and PBDEs containing plastics through the introduction of alternatives to PBDEs in plastics manufacturing processes and the application of BAT/BEP in plastics recycling and disposal practices.

STAP Guidance:

This project is one of the first of its kind in the GEF portfolio in taking on the PBDE issue, as there are few lessons learned available for this new area of POPs work; and the STAP is interested in seeing the lessons learned carefully recorded and disseminated for this project.. It is quite well thought out, and makes connections to mitigation to other environmental issues such as Marine Debris. Nevertheless, the project has a very thorough consideration of related initiatives to build on for this project. However, there is no mention of utilizing UNEP's 2012 publication "Guidance on best available techniques and best environmental practices for the recycling and disposal of articles containing polybrominated diphenyl ethers (PBDEs) listed under the Stockholm Convention on Persistent Organic Pollutants" (see <http://chm.pops.int/Implementation/NIPs/Guidance/GuidanceonBATBEPfortherecyclingofPBDEs/tabid/3172/Default.aspx>) .

Note should also be taken of the 2011 STAP guidance document "Marine Debris as a Global Environmental Problem: Introducing a solutions based framework focused on plastic" (<http://unep.org/stap>). The PIF document refers to 400 00 tons of plastics entering the waterways of Indonesia every year. It should be recognised that not only are the components of plastics toxic, plastics themselves are also pollutants. This guidance also proposes a framework on how to achieve a reduction in the quantities of waste being produced.

Also there should be acknowledgement of climate risks associated with the project, since it is acknowledged that many of the plastics handling sites are located near water ways.

In any case, as this is a prototype sort of project, the project needs to have a strong monitoring and knowledge management component to capture lessons learned, with a clear mechanism for communication of results.

<i>STAP advisory</i>	<i>Brief explanation of advisory response and action proposed</i>
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<i>response</i>	
1. Consent	<p>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.</p> <p>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.</p>
2. Minor revision required.	<p>STAP has identified specific scientific or technical challenges, omissions or opportunities that should be addressed by the project proponents during project development.</p> <p>Follow up: One or more options are open to STAP and the GEF Agency:</p> <ul style="list-style-type: none"> (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> <ul style="list-style-type: none"> (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. (ii) In its request for CEO endorsement, the Agency will report on actions taken in response to STAP concerns.