

# 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:** 4888

**PROJECT DURATION :** 5

**COUNTRIES :** Senegal

**PROJECT TITLE:** Environmentally Sound Management of Municipal and Hazardous Solid Waste to Reduce Emission of Unintentional POPs

**GEF AGENCIES:** UNIDO

**OTHER EXECUTING PARTNERS:** Ministry of Environment and Protection of Nature - Directorate of Environment and Hazardous Facilities (DEEC)

**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 project seeks to reduce POPs releases from hazardous waste and municipal wastes by demonstrating BAT/BEP within the context of the implementation of the National Implementation Plan (NIP) under the Stockholm Convention as well as to enhance legislations and promote education and awareness pm chemical safety on POPs. Based on indicative data, solid municipal waste management, healthcare waste management, open burning of agricultural residue and bush fires were identified as the main activities that release unintentionally produced POPs (uPOPs) in the country. The baseline of the uPOPs inventory in the country needs to be refined with the experience and knowledge so far gained by the national [officers] through various training workshops. The NIP also pointed out the shortage of qualified technical personnel for the management and analysis of POPs and their related waste, in addition to a deficient national technical infrastructure, insufficient knowledge, and very low awareness on POPs.

STAP Guidance:-

The project is quite thoughtfully designed, with attention paid to problem definition not only from a technical but a socio-economic, gender and vulnerable groups perspective. The majority of the GEF resources are to be channeled into the installation of vertical gas collection pipes and covering the site surface at the eventual target site(s). The selection of eventual site(s) will be contingent on waste site renovation and waste management master plan reviews by other international agencies. Gap analysis is to be funded by government co-financing.

Still, the risks associated with the timing and realisation of complementary investment and grant opportunities should be listed, since this is out of control of the GEF project. Indeed given the fact that the other activities are concerned with waste/waste water management plans for the potential sites of the GEF project, then it might be wise to consider a place for these other initiatives on the project steering committee from the PPG going forward.

Also though it is recognized that the project is focusing on curtailing uPOPs at waste sites, it would be beneficial to link awareness efforts (output 2.3) to any other government or other efforts to promote the merits of waste minimisation. Particularly as relates to the medical waste sector, there might possibility to promote appropriate procurement practices, material substitution, safe reuse, source reduction and the like; as well as the improvement of waste segregation and processing practices, which would augment protection of vulnerable groups who operate in the waste sites, and lend to long term reduction of uPOPs.

<i>STAP advisory response</i>	<i>Brief explanation of advisory response and action proposed</i>
1. <b>Consent</b>	<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. <b>Minor revision required.</b>	<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:  (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.</p>
3. <b>Major revision required</b>	<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:  (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.</p>