

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: February 17, 2014

Screeners: 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: 5300

PROJECT DURATION : 5

COUNTRIES : Regional (Armenia, Belarus, Kazakhstan, Russian Federation, Ukraine)

PROJECT TITLE: Regional Demonstration Project for Coordinated Management of ODS and POPs Disposal in the Russian Federation, Ukraine, Belarus, Kazakhstan and Armenia

GEF AGENCIES: UNIDO

OTHER EXECUTING PARTNERS: Ministry for Environment Protection in targeted countries

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):
Consent

III. Further guidance from STAP

The project objective is stated as: "The project will demonstrate environmentally sound collection and destruction of Persistent Organic Pollutants (POPs) and Ozone Depleting Substances (ODS) in the Russian Federation, Ukraine, Belarus, Kazakhstan and Armenia. The demonstration project will assist the countries involved in meeting their obligations under the Stockholm Convention and the Montreal Protocol. Through the demonstration activities the project aims to destroy a minimum of 7,500 MT of POPs pesticide waste and 840 MT of ODS (4.1 MM of CO₂e) as well as establishing an ESM for PCB waste in Armenia."

This project seeks to move beyond the previous work of halting manufacture and/or production of ODS or POPs, and focus instead on the destruction of banks of these substances. Though country by country breakdowns are not provided, there appears to be significant quantities of banked chemicals to be addressed. Project components are to be focused as follows: 1) Institutional Capacity building and development; 2) Policy and regulatory Framework coordination and strengthening; 3) Waste management and destruction systems for the countries including ODS and POPs waste collection, storage, transportation and final destruction; 4) National ODS and POPs collection, storage and transportation networks connected in one regional network; 5) ODS and POPs recycling and destruction facilities; and 6) Establishment of ESM for the recovery and treatment of PCB wastes in Armenia.

STAP's comments:

- a) This project should reach out to the UNEP OzonAction Eastern Europe and Central Asian (ECA) Network to determine the outcomes of past discussions and regional coordination attempts on the subject of regional waste disposal and related customs aspects. Many (if not all) of these countries have participated in this network's activities, and it could help ensure that barriers are not missed.
- b) STAP assumes that clear business plans, and viability of such will be drawn up as early as possible in the project development and implementation process to ensure that private sector and other investment is realized within a sound disposal framework to serve the countries for the longer term.
- c) There should be consideration of climate related risks and potential impacts from the destruction and disposal processes selected under the project, to ensure that the gains that might be realized by destruction

of ODS and other chemicals with GHG potential, aren't lost to disposal processes that generate large quantities of GHGs.

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