

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: October 18, 2010

Screeners: Lev Neretin

Panel member validation by: Bo Wahlstrom

Consultant(s): STAP member Hindrik Bouwman

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

FULL SIZE PROJECT GEF TRUST FUND

GEF PROJECT ID: 4387

PROJECT DURATION : 2

COUNTRIES : Russian Federation

PROJECT TITLE: Phase-out of CFC Consumption in the Manufacture of Aerosol Metered-dose Inhalers (MDIs) in the Russian Federation

GEF AGENCIES: UNIDO

OTHER EXECUTING PARTNERS: Ministry of Natural Resources and Environment

GEF FOCAL AREA: Ozone Depleting Substances

GEF-4 STRATEGIC PROGRAMS:

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

STAP welcomes UNIDO's proposal aimed at assisting the Russian Federation in phasing out CFC-based metered dose inhalers (MDIs) and converting them into HFC 134a-based MDIs. The project concept is well justified based on technical and scientific grounds and has all the necessary elements for phase-out of CFCs for this source category and technology transfer. There are a couple of issues that could be considered before the CEO endorsement of the project:

1. MDIs and dry powder inhalers (DPIs) are two main methods for delivering respiratory drugs for asthma patients. DPIs are generally more expensive than MDIs, but do not contain either ODS- or GHG-relevant substances. The proportion of MDIs to DPIs varies from country to country. As non-ODS and non-GHG alternatives, DPIs are the preferred option, but higher costs and health safety implications often restrict their use. At the project preparation stage, STAP recommends exploring possibilities for capacity building, awareness raising and other potential support to selected manufacturers aimed at facilitating higher use of DPIs instead of MDIs in the Russian Federation.
2. The PIF provides insufficient details to understand how existing stock and continuing supply of CFC-containing MDIs will be collected and disposed. Is there any centralized system for collecting MDIs in Russia? What incineration options are available in the country and are they in accordance with internationally acceptable environmental standards? This information should be explored and provided before the CEO endorsement.

<i>STAP advisory response</i>	<i>Brief explanation of advisory response and action proposed</i>
1. Consent	STAP acknowledges that on scientific/technical grounds the concept has merit. However, STAP may state its views on the concept emphasising any issues that could be improved and the proponent is invited to approach STAP for advice at any time during the development of the project brief prior to submission for CEO endorsement.
2. Minor revision required.	STAP has identified specific scientific/technical suggestions or opportunities that should be discussed with the proponent as early as possible during development of the project brief. One or more options that remain open to STAP include: <ol style="list-style-type: none"> (i) Opening a dialogue between STAP and the proponent to clarify issues (ii) Setting a review point during early stage project development and agreeing terms of reference for an independent expert to be appointed to conduct this review 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.

3. Major revision required	STAP proposes significant improvements or has concerns on the grounds of specified major scientific/technical omissions in the concept. If STAP provides this advisory response, a full explanation would also be provided. Normally, a STAP approved review will be mandatory prior to submission of the project brief for CEO endorsement. 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.
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