



# Global Environment Facility

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## SCIENTIFIC AND TECHNICAL ADVISORY PANEL WORK PROGRAM FOR FY07 AND FY08

**(Prepared by the Scientific and Technical Advisory Panel)**



## Scientific and Technical Advisory Panel Work Program for FY07 and FY08

### Background

1. The STAP IV Work Program was first drafted at the October 2006 meeting of STAP. The Work Program was based on assumptions that the outstanding requests to STAP III would be brought forward into STAP IV, and at the time included advanced planning for workshops and finalization of the reports of previous workshops for review and adoption by STAP for submission to the GEF.
2. Since the December 2006 GEF Council meeting, the Work Program for STAP has been under review, and subject to the revision of focal area strategies, re-starting of the project pipeline and re-design of the project cycle, STAP has made a preliminary analysis of its work program priorities.
3. Proposals for reforms to STAP to improve its effectiveness are under consideration by Council, which if approved, will revise STAP's Terms of Reference, and the composition of STAP. The present Work Program remains a preliminary outline which addresses needs as presently expressed to STAP by the GEF Secretariat, and the GEF Agencies. However, with the expected increased emphasis of STAP on strategic matters and consequently reduced involvement in individual project reviews, STAP's Work Program will be reviewed again for submission to GEF Council in its second meeting of 2007.

### The Work Program

4. The Work Program is presented below in the form of a framework (see Table 1), identifying expected outcomes and expected impacts related to strategic objectives and programs where relevant, and the activities (inputs) required.
5. The STAP Members appointed to the Panel, have recently been organized into Focal Area teams to support the development of the new GEF focal area strategies and strategic programming for GEF-4. Each team has a lead STAP Member who has represented the STAP in the GEF Technical Advisory Groups. The Work Program is presented assuming that the existing STAP teams remain the delivery units, at least in the short term.
6. Activities undertaken to deliver expected outcomes and impacts will be closely coordinated with the GEF Secretariat, the GEF Evaluation Office and the GEF Agencies. Modes of delivery include thematic issues papers for the GEF Council, reports to the GEF Secretariat and joint working in specific evaluation tasks with the GEF Evaluation Office.

### Corporate objectives

7. STAP's role and tasks with respect to Corporate activities encompass cross-cutting issues, including focal area interlinkages, adaptation to climate change, distilling subsidiary body advice for the GEF, knowledge management and advising on the targeted research modality. The role and tasks of STAP also includes the provision of scientific and technical expertise and supporting tools, as well as partnership working on common issues of science with the GEF Evaluation Office.
8. The majority of the Corporate work undertaken by STAP addresses general GEF objectives, rather than specific Strategic Objectives or Programs, however, STAP has proposed outputs, outcomes and associated indicators to enable results-based performance measurement of STAP's work.

9. The new Project Cycle will involve STAP working more at the strategic end of the Cycle to selectively advise on specific projects and to provide programmatic guidance. This work is continuous and governed by the rate of submission of project concepts, and the degree to which STAP flags issues in project development for follow-up. The role of STAP within the Project Cycle will be kept under review and the GEF Project Cycle Operational Manual updated accordingly.

**Table 1. STAP Work Program**

<b>CORPORATE</b>					
<b>Strategic Objective and/or Expected Impacts</b>	<b>Expected Outcome</b>	<b>Indicators</b>	<b>Output</b>	<b>Activities / inputs</b>	<b>Time frame</b>
Projects entering Project Cycle rated "satisfactory" or above for project design	GEF Secretariat and GEF Agencies provided with best available expertise to support the new Project Cycle	<ul style="list-style-type: none"> <li>• Internet database of experts and expertise established</li> <li>• Memoranda of understanding with selected organizations</li> </ul>	STAP Roster replaced with new arrangements to deliver expert advice to the GEF by end 2007	<ul style="list-style-type: none"> <li>• In response to the needs of the new project cycle, STAP will prepare a proposal for replacement of the present Roster of Experts with arrangements to enable access to global expertise, linked to STAP reform.</li> <li>• Time allocation from STAP Roster working group, working closely with the EO and GEF Secretariat.</li> <li>• No travel costs</li> </ul>	May - October 2007
GEF Secretariat and GEF Agencies design projects with sound baselines and quantifiable performance indicators	GEF Evaluation Office quantified impact of GEF on specific ecosystems within representative regions	<ul style="list-style-type: none"> <li>• Data reviews and attribution reports</li> </ul>	Analysis of links between GEF support and forest coverage in Costa Rica through policy interventions identifies impact of GEF interventions	<ul style="list-style-type: none"> <li>• STAP Panelist time</li> </ul>	April-September 2007
Adaptation interventions of GEF follow best practice	Policy recommendations and intervention measures adopted by the GEF	<ul style="list-style-type: none"> <li>• Workshop reports</li> </ul>	STAP advice on adaptation in Africa	<ul style="list-style-type: none"> <li>• STAP participation in International Workshop on Environmental and Sustainable Development Evaluation. Co-organized by EO, IUCN, French GEF, and IDRC.</li> </ul>	2008
GEF Secretariat and GEF Agencies reflect best available science in all GEF practices	GEF Evaluation Office work on Role of Science in the GEF well informed by STAP	<ul style="list-style-type: none"> <li>• STAP Working Group report</li> <li>• STAP advice on role of science in the GEF accepted by the Evaluation Office</li> </ul>	STAP review report to the GEF Evaluation Office	<ul style="list-style-type: none"> <li>• STAP participation in Role of Science review</li> </ul>	June-October 2007
GEF actions in Biodiversity Land Degradation and Climate Change focal areas well integrated	GEF actions well informed by STAP analysis of Guidance from Convention subsidiary bodies	<ul style="list-style-type: none"> <li>• SBSTTA meeting attended</li> <li>• STAP report to GEF Sec</li> </ul>	STAP report to the GEF Sec on biodiversity and climate change interlinkages	<ul style="list-style-type: none"> <li>• STAP attendance at Meeting of Joint Chairs of Biodiversity MEA Subsidiary Bodies<sup>1</sup></li> <li>• STAP attendance at CBD SBSTTA meeting</li> </ul>	July 2007
GEF projects are of a high quality and are well informed and based on the best available science	STAP advisory function well integrated with the work of GEF Agencies and the GEF Sec in the Project Cycle	<ul style="list-style-type: none"> <li>• GEF Operational Manual contains updated STAP role and guidance to GEF Agencies</li> </ul>	STAP contribution to the GEF Operational Manual on its role in the Project Cycle	<ul style="list-style-type: none"> <li>• STAP task group on Project Cycle guidance</li> </ul>	TBA

<sup>1</sup> Note that STAP will monitor the relevance of other Subsidiary Body meetings such as the CST of the UNCCD, and where appropriate be represented

<b>BIODIVERSITY FOCAL AREA</b>					
<i>Strategic Objective and/or Expected Impacts</i>	<i>Expected Outcome</i>	<i>Indicators</i>	<i>Output</i>	<i>Activities / inputs</i>	<i>Time frame</i>
<p><b>SO2 Mainstream Biodiversity in production landscapes/seascapes SP4 mainstreaming biodiversity</b></p> <p>Projects entering project cycle in the Biodiversity focal area take fully into account benefits of mainstreaming of biodiversity. (with linkage to Land Degradation and International Waters focal areas)</p>	<p>GEF Secretariat and GEF Agencies fully aware of the role of biodiversity mainstreaming, and of ecosystem benefits and linkages to land degradation and international waters.</p> <p>Project design guidance of all GEF Agencies reflect best practices</p>	<ul style="list-style-type: none"> <li>• Seminar held, attended by GEF Sec and GEF Agencies</li> <li>• Seminar Report</li> </ul>	<p>Seminar Report used to assist project design and to inform lessons learnt</p>	<ul style="list-style-type: none"> <li>• STAP paper written by STAP leads</li> <li>• Seminar held in Washington DC on mainstreaming biodiversity in freshwater and marine productive seascapes</li> </ul>	<p>July-September 2007</p>

<b>CLIMATE CHANGE FOCAL AREA</b>					
<i>Strategic Objective and/or Expected Impacts</i>	<i>Expected Outcome</i>	<i>Indicators</i>	<i>Output</i>	<i>Activities / inputs</i>	<i>Time frame</i>
<p>GEF strategies fully reflect IPCC findings and best available practice</p>	<p>Updating focal area strategies and strategic programs with the findings from IPCC Fourth assessment</p>	<ul style="list-style-type: none"> <li>• STAP Working Group Report</li> <li>• GEF Sec and agency participation in meeting</li> </ul>	<p>Guidance to GEF with respect to GEF-4 programming and implications for GEF-5</p>	<ul style="list-style-type: none"> <li>• STAP / IPCC meeting</li> </ul>	<p>September 2007 (back to back with STAP meeting)</p>
<p>Strategic programming for GEF-4 and GEF-5 effectively addresses <b>Carbon Capture and Storage</b></p>	<p>Addressing carbon capture and storage in GEF-4/5 programming</p>	<ul style="list-style-type: none"> <li>• STAP CCS Report</li> <li>• GEF Sec and agency participation in meeting</li> </ul>	<p>Guidance to the GEF with regard to CCS in GEF-4 and implications for GEF-5</p>	<ul style="list-style-type: none"> <li>• STAP member to lead small review meeting in Washington DC with the GEF Secretariat, GEF Agencies, and a few key players.</li> <li>• Background paper(s) on CCS, including capacity-building and technology assessment needs</li> </ul>	<p>October-November 2007</p>
<p><b>SP4 Promoting sustainable energy production from biomass</b></p> <p>Standards established by the proposed TR project on "Establishing Sustainable Liquid Biofuels Production Worldwide" adopted by biofuels producers in GEF</p>	<p>"Establishing Sustainable Liquid Biofuels Production Worldwide" accepted for Work Program inclusion.</p> <p>Project outputs used to set standards</p>	<ul style="list-style-type: none"> <li>• Project indicators informed by STAP advice</li> <li>• PIR</li> <li>• Terminal Evaluation Report</li> </ul>	<p>STAP advice provided to the GEF Agency from inception of project.</p>	<ul style="list-style-type: none"> <li>• STAP to assist UNEP in shaping proposal further through Targeted Research Steering Committee.</li> </ul>	<p>From the date of Work Program inclusion until project completion</p>

countries					
<b>SO8 Adaptation to climate change Cross-cutting SP</b> Reducing vulnerability / enhancing adaptive capacity as a result of GEF projects	Guidance to GEF for "climate-proofing" GEF projects, and enhancing their adaptation benefits	<ul style="list-style-type: none"> <li>• STAP report</li> <li>• GEF Sec and GEF Agency participation</li> </ul>	STAP Report to the GEF, with guidelines, tools and methodologies for – evaluation of climate risks, identification of responses, integrating responses into project design	<ul style="list-style-type: none"> <li>• STAP working group and meeting, and background paper(s) on tools, methodologies</li> </ul>	TBA

**INTERNATIONAL WATERS FOCAL AREA**

<i>Strategic Objective and/or Expected Impacts</i>	<i>Expected Outcome</i>	<i>Indicators</i>	<i>Output</i>	<i>Activities / inputs</i>	<i>Time frame</i>
<b>SP2 Reducing nutrient over-enrichment and oxygen depletion from land-based pollution of coastal waters in LMEs</b> (with linkage to Land Degradation focal area) Science base of GEF interventions strengthened	STAP operational guidance on tools, adaptive management and monitoring for "dead zones"	<ul style="list-style-type: none"> <li>• STAP guidance paper</li> <li>• GEF Sec and GEF Agency participation</li> </ul>	STAP report - to classify the typology (e.g. eco-geography) of coastal water "dead" zones at a global LME level - to identify spatio-temporal variability of coastal water "dead" zones at a regional level - to examine the effects of coastal "dead" zone on marine system in terms of damage of spawning and hatching grounds and feed-backs to fishery and economic and social development - to explore how to foster implementation of legacy and policy at institutional and national levels consistent with GEF transboundary action programs and design requirements for the action plan to reduce land-source input of nutrients.	<ul style="list-style-type: none"> <li>• STAP expert group meeting in collaboration with UNEP GPA</li> <li>• STAP background analysis paper</li> </ul>	TBA

**PERSISTENT ORGANIC POLLUTANTS (POPS) FOCAL AREA**

<i>Strategic Objective and/or Expected Impacts</i>	<i>Expected Outcome</i>	<i>Indicators</i>	<i>Output</i>	<i>Activities / inputs</i>	<i>Time frame</i>
<b>SP3 Generating and Disseminating Knowledge to Address Future Challenges in Implementing the Stockholm Convention</b>	TBA	TBA	Keep under review issues that, if not addressed, could limit the successful implementation of the Stockholm Convention, e.g. alternatives to POPs termiticides; alternatives to DDT; lack of suitable destruction technologies in developing countries; and implementation of BAT/BEP.	<ul style="list-style-type: none"> <li>• STAP POPs focal area team</li> </ul>	TBA

<b>LAND DEGRADATION FOCAL AREA</b>					
<i>Strategic Objective and/or Expected Impacts</i>	<i>Expected Outcome</i>	<i>Indicators</i>	<i>Output</i>	<i>Activities / inputs</i>	<i>Time frame</i>
<b>Land degradation Impacts</b> , trade-offs and linkages with ecosystem approaches	Completion of review and revisions of three STAP papers; publication in GEF series	<ul style="list-style-type: none"> <li>• STAP synthesis paper</li> <li>• Three studies published</li> </ul>	Guidance on justification of LD as a global issue; means to integrate LD/SLM with other focal area outputs	<ul style="list-style-type: none"> <li>• Final review, editing and publication preparation of studies</li> </ul>	July-December 2007
<b>SO2 upscaling SLM investments</b> . Strategic programming on 'production landscapes' (jointly with SFM)	STAP operational guidance on 'upscaling' approaches within 'production landscapes'	<ul style="list-style-type: none"> <li>• STAP guidance paper on 'upscaling'</li> <li>• Inter-agency participation through LD Task Force</li> </ul>	Guidance on upscaling SLM in the wider production landscape accepted by IA-TF and GEF Sec	<ul style="list-style-type: none"> <li>• STAP network discussion</li> <li>• Half-day seminar</li> </ul>	January-June 2008
<b>Indicators</b> for SLM impact	Key involvement in MSP KM: land	<ul style="list-style-type: none"> <li>• KM: Land inception meetings and working group</li> </ul>	STAP reviews and contributions to MSP outputs	<ul style="list-style-type: none"> <li>• Travel and time for STAP LD panelist for meetings and inputs</li> </ul>	2007-2008
<b>SP3 New and innovative approaches in SLM</b> Part of support for strategy discussion preparations towards GEF-5	Revised listing of priority topics and themes. Elaboration of possible approaches and identification of agencies to take SP3 forward	<ul style="list-style-type: none"> <li>• STAP Working Group</li> <li>• STAP Targeted Research Committee</li> </ul>	Recommendations on thematic topics under SP3 and outline ToRs for each theme	<ul style="list-style-type: none"> <li>• STAP Working Group and TR Committee time</li> <li>• Possible meeting at GEF Sec</li> </ul>	2007-2008

<b>SUSTAINABLE FOREST MANAGEMENT</b>					
<i>Strategic Objective and/or Expected Impacts</i>	<i>Expected Outcome</i>	<i>Indicators</i>	<i>Output</i>	<i>Activities / inputs</i>	<i>Time frame</i>
<b>SO2 Production forests sustainably managed</b>	See LD FA SO2 Upscaling	<ul style="list-style-type: none"> <li>• STAP guidance paper</li> </ul>	STAP guidance on how SFM promoted in production landscapes	<ul style="list-style-type: none"> <li>• STAP network discussion</li> </ul>	TBA
<b>SP3 Forest conservation as a means to protect carbon stocks</b>	Advice on carbon stocks measurement (ongoing assessment)	<ul style="list-style-type: none"> <li>• Inputs to development of new TR (or strategic) cross-focal area proposal on carbon stocks assessment and measurement</li> </ul>	STAP externally commissioned review	<ul style="list-style-type: none"> <li>• STAP review</li> <li>• Interaction and teleconferences with STAP BD/CC/LD panelists</li> </ul>	July-December 2007
<b>SP3 Forest conservation as a means to protect carbon stocks</b>	Payments for environmental services approach focused on carbon	<ul style="list-style-type: none"> <li>• STAP commissioned review</li> </ul>	Review paper	<ul style="list-style-type: none"> <li>• Discussions after June Council on how to take this forward</li> <li>• (Likely) a review of approaches relevant to GEF undertaken</li> </ul>	January - June 2008