The Scientific and Technical Advisory Panel to the Global Environment Facility

Report of STAP to Council
April, 2008

STAP/GEF

Panel responsibilities

Yolanda Kakabadse, Chair + lead on **Cross-Cutting**, Ecuador

Paul Ferraro, **Biodiversity** –Georgia State University, U.S.A.

N.H. Ravindranath, **Climate Change** (mitigation) – Indian Institute of Science, India

Anthony Nyong, **Climate Change** (adaptation), International Development Research Center, Nigeria

Meryl Williams, **International Waters**, former Director of World Fish Center (CGIAR), Australia

Michael Stocking, **Land Degradation**, University of East Anglia, UK

STAP Meeting (9-13 April)

- ◆ Hosted by UNEP in Nairobi
- ◆ Participation of
  - GEFSec,
  - Agencies: UNEP, UNDP, WB, FAO, UNIDO, IFAD
  - Conventions: UNFCCC, UNCCD, Stockholm, Montreal
  - Evaluation Office

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STAP Meeting (9-13 April)

HIGHLIGHTS

- ENGAGEMENT: First meeting of reformed STAP and GEF Agencies
- OPERATIONAL: Review of STAP's role in GEF's processes
- STRATEGIC: Science stock-take and future challenges
- PLANNING: STAP's work program and networks

Project Cycle

◆ Upstream – screens every CEO approved project concept to increase strategic impact of GEF

◆ Next phase: increase GEF impact - STAP to identify scientific gaps and opportunities for innovation through forward looking program analysis

Project Cycle

◆ Strengthen design of some GEF projects by the time of CEO endorsement

– Encourage baseline definition

– Better specify Global Environmental Benefits (GEB)

Science stock-take for GEF-4

Purpose was to:

- Examine the state of science within the current phase of the GEF
- Opportunities and gaps arising
- Issues to take forward to increase the impact of the GEF

Biodiversity

◆ Challenge of turning ecosystem framework into an operational approach for Global Environmental Benefits

Science stock-take for GEF-4

Climate Change

◆ Opportunities to explore the potential synergies between adaptation and mitigation

Climate Change

◆ GEF's influence in market transformation in energy efficiency based on sound and appropriate science

Science stock-take for GEF-4

Cross-Cutting

◆ Science clarity in integrated natural resources management - eg. catchment and coastal water management

◆ GEF needs to strengthen the science of implementation

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TARGETTED RESEARCH

- STAP encourages the use of the TR modality but recognizes the barriers
- Should TR be in more projects?

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Improving Evaluations

- ◆ Experimental and Quasi-Experimental Approaches
- ◆ Importance of robust science in impact evaluation
  - – Continuing collaboration with EO

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GEF5: Towards a Science Vision

With its GEF partners, STAP looked at some of the major science and technology drivers that are likely to influence the development of the strategies for the Fifth phase of the GEF

Emerging issues for GEF-5

Cross-cutting

◆ Define and select - STAP can contribute to providing scientific guidance on prioritizing cross-cutting issues

◆ Synergies and 2 way inter-actions between climate and NRM

Emerging issues for GEF-5

Chemicals

◆ Inter-linkages between chemicals and other focal areas (e.g. climate, international waters)

Examples - (1) Changes in other focal areas generate changes in chemical use, (2) transport and fate of chemicals in the environment

Emerging issues for GEF-5

Climate Change

◆ IPCC and Bali Action Plan provide guidance for innovation in GEF-5, for example integration of mitigation and adaptation

Emerging issues for GEF-5

Climate Change

- ◆ Differentiation of GEF climate strategies according to regional needs – on a scientific basis

- ◆ Climate proofing the GEF portfolios

Emerging issues for GEF-5

Land degradation

◆ Stronger science for assessment and measurement of land degradation indicators.

Emerging issues for GEF-5

International Waters

◆ Moving from assessment to implementation, and strengthen trans-boundary diagnostic assessments to better guide implementation.

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April 2008 Work Program

- ◆ STAP is engaging with GEF Agencies to improve the science in projects by the time of CEO endorsement

- ◆ Continuous PIFs screening to ensure sound scientific and technical content

◆ For future Multi-Focal Area projects STAP encourages reducing the "silos" between the focal areas, by:

- more explicit linkages of the proposed components, and
- specifying indicators to be used