Scientific and Technical Advisory Panel
Report to 44th Meeting of the GEF Council

Thomas E. Lovejoy
Chair, GEF-STAP
Biodiversity Chair
Heinz Center for Science, Economics, and the Environment
Outline of the Report

- STAP achievements, and future mandate of the Panel;
- GEF-6 conceptual framework;
- Recruitment of STAP Chair;
The work of STAP

Within the GEF Partnership
STAP in GEF-5: Retrospective so far...

400+ projects screened for technical and scientific merits.

STAP published 17 major reports

20 technical workshops and 8 Panel Meetings – including stakeholders from Conventions, governments, private sector, NGOs, foundations, academia.

Assisted in the formulation of GEF-6 Focal Area Strategies.
Climate Change: A Scientific Assessment for the GEF

A STAP Information Document
November 2012

Scientific and Technical Advisory Panel
An independent group of scientists which advises the Global Environment Facility
Projected temperature rise for A1B & A1F1 scenarios (Hadley, 2009)
Ice-sheet collapse and sea-level rise

Last time Earth was 2°C warmer, sea-level was 4-6m higher

Upcoming STAP Workshops

Mainstreaming Biodiversity into Decision-Making:

(September 2013)

- Identify principles and guidance for projects,
- Identify actions that are to produce additional benefits to Aichi targets,
- Review indicators for M&E
The Panel – Current Members

Prof. Ralph Sims  
Focal Area: CC

Dr. Sandra Dias  
Focal Area: BD

Dr. Hindrik Bouwman  
Focal Area: POPs

Prof. Anand Patwardhan  
Focal Area: CC & Adapt

Dr. Anette Cowie  
Focal Area: LD

Jakob Granit  
Focal Area: IW

Prof. Brian Huntley (Acting)  
Focal Area: BD

Prof. Michael Stocking  
Focal Area: LD
Senior Advisor to the Chair

Scientific and Technical Advisory Panel
The Panel – Past Members

Dr. Mary Seeley
Focal Area: LD

Dr. Yolanda Kakabadse
Former Chair

Dr. Meryl Williams
Focal Area: IW

Prof. Paul Ferraro
Focal Area: BD

Dr. Bo Wahlstrom
Focal Area: Chemicals

Prof. Nijavalli H. Ravindranath
Focal Area: CC

Dr. Sanginga Nterania
Focal Area: LD
Program Directions

GEF 6
Looking back: Multiple Focal Area Projects in the GEF

Total Number of MFA projects

<table>
<thead>
<tr>
<th>Year</th>
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<tr>
<td>2007</td>
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<td>2011</td>
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<td>2012</td>
<td>50</td>
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<td>2013</td>
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GEF-4 = 69  GEF-5 = 120

MFA = 10% of the total number of all projects
GEF in the Future: Integration

1. Integration across space and domains.
   - National / regional → global;
   - Address issues across environmental and socioeconomic domains.

2. Integration in project and programme design.
   - Focus on design and delivery elements of innovative programs and policies; pilot innovative project design;
   - Projects and programs that overcome focal area silos and build synergies.
GEF in the Future: Integration

1. Green Cities;

2. Smart Food Systems;

3. Forest ecosystem restoration and governance
   - e.g. The Amazon Basin

STAP is committed to assist the GEF in developing comprehensive programs at regional/ global level and across focal area boundaries
Example: Amazon Dieback
1. The GEF and Sustainable development

Generating global environmental benefits and seeking development co-benefits

OR

Actively and explicitly target development challenges – generate GEB’s in the course of meeting those challenges

E.g. Demographic land use and sustainability challenge in Sub-Saharan Africa
2. Short-term vs. long-term

LONG-TERM
More uncertain, but potentially greater returns

SHORT-TERM
Immediate, measurable and certain return on investment (GEB’s/$)
3. Replication & scaling-up vs risk-taking and innovation

Should the GEF focus on...

Scaling-up known and established solutions

OR

Invest in the **next generation** of solutions.

e.g. Reduce atmospheric GHG loads
Example: Restoration at scale
To be an innovator, the GEF needs to know where it has been

EXTRACTING DATA / INFORMATION (AND KNOWLEDGE) FROM PREVIOUS GEF PROJECTS
Looking forward:
How can STAP do better?

- STAP is currently being evaluated by the Evaluation Office.

- How does the GEF partnership see the role of STAP? (we welcome your thoughts)
New STAP Chair

WELCOME

Dr. Rosina Bierbaum
Questions and comments welcomed

Thomas E. Lovejoy
Chair
GEF’s Scientific and Technical Advisory Panel

www.stapGEF.org