Scientific and Technical Advisory Panel
Report to 42nd Meeting of the GEF Council

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Chair, GEF-STAP
Biodiversity Chair
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Outline of the Report

- Update on Operational Advice
- Recent & Ongoing STAP Initiatives
- Panel Search Process
- Beyond Rio+20
On-going Monitoring of Scientific Quality at Entry

Trend in Recommended Revisions
FY-11 and FY-12

November 2011 and June 2012 constitute the largest Work Programs in GEF history.
On-going Monitoring of Scientific Quality at Entry

The number of PIFs per Work Program has been steadily increasing (exception of FY 2011) – significant challenge for STAP

Average # of PIFs screened per Wok Program 2007 - 2012

Total # PIFs screened in FY

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<td>103</td>
<td>145</td>
<td>122</td>
<td>31</td>
<td>189</td>
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GEF-4

2007-2012

Average # of PIFs screened per Work Program

FY 2008: 26
FY 2009: 29
FY 2010: 41
FY 2011: 10
FY 2012: 63

STAP - science advice for our planet
On-going Monitoring of Scientific Quality at Entry

Increasing complexity of the work load – challenge for STAP

Total # of PIFs and MFA projects screened
2007 - 2012

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<th>Year</th>
<th># Total</th>
<th># MFA</th>
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<tr>
<td>FY 2008</td>
<td>83</td>
<td>16</td>
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<td>FY 2009</td>
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<td>FY 2012</td>
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Recent & Ongoing STAP Initiatives

Advisory Products
Panel Search

Scientific and Technical Advisory Panel

STAP- science advice for our planet
Experimental Project Designs in the Global Environment Facility
Designing projects to create evidence and catalyze investments to secure global environmental benefits

A STAP advisory document
Paul J. Ferraro
May 2012
STAP products in progress

- Marine Spatial Planning
- Marine Debris
- Climate Change: Scientific Assessment for the GEF
- Methodology for Calculating GHG Reductions of GEF Energy Efficiency Projects
- Emerging Chemicals Management Issues
Panel Search Process

- Climate Adaptation  Anand Patwardhan *(India)*
- Land Degradation  Annette Cowie *(Australia)*
- International Waters  Jakob Granit *(Sweden)*
- Climate Mitigation  Candidates under review
- Biodiversity  Brian Huntley *(1 year)*
Beyond Rio+20

**Rio 1992**
- Sustainability viewed primarily from environmental lens

**Rio +20**
- Sustainability viewed as human development issues
- More complex needs
- More information available

**Atmospheric CO₂ Concentration (ppm)**

- 1992: 357 ppm
- 2012: 395 ppm

*Source: NOAA*
Beyond Rio+20

Addressing problems at scale

Urgent, transformational, and innovative solutions

- Multiple focal areas
- Multiple global benefits
- Transformational solutions

Source: Shutterstock
Beyond Rio+20

Addressing problems at scale

Urgent, transformational, and innovative solutions

1. Urbanization
2. Zero carbon buildings and transport
3. Ecosystem restoration at a planetary scale
4. Global concentrated effort to reduce short lived climate forcers
Questions and comments welcomed

Thomas E. Lovejoy
Chair
GEF Scientific and Technical Advisory Panel

www.unep.org/stap