



Expert Group Meeting on Tools and Modelling Approaches for the SEEA Experimental Ecosystem Accounting

**International initiatives related to the
measurement of ecosystem condition
and ecosystem services**

**New York
18 November 2013**

- UNDP-UNEP-DESA Green Economy Joint Programme
- UNDP-UNEP Poverty Environment Initiative
- GEF Portfolio, etc.

- **Target Scenario Analysis**

- **BIOFIN – Biodiversity Finance Initiative**

Target Scenario Analysis

- Analytical approach that builds on, complements ecosystem valuations and TEEB .
- Captures and presents the value of ecosystem services within a decision making context, to help better make the business case for SD policies and investment choices.
- Helps governments and private enterprises generate data related to ecosystems management that is more relevant to the choices faced by a policy maker.
- Considers Business as Usual (BAU) and alternate Sustainable Ecosystems Management (SEM) scenarios

Target Scenario Analysis

- Tailored to a specific productive sector and decision maker, e.g. Minister of Agriculture, Energy, hydropower plant manager, plantation owner or cattle farmer, etc.
- Combines, broadens and complements traditional cost benefit analysis and economic valuation methods
- Rather than determining the general value of a particular resource or ecosystem service, TSA looks at ecosystem services from a stakeholder point of view.

Target Scenario Analysis

- E.g., rather than estimating the value of a coral reef, TSA finds the value of preserving the health of that reef from a fisheries perspective or from a tourism perspective, i.e. from the perspective of those influencing the management of the reef.
- Demand driven, rather than supply driven, asking: What information do decision makers need to assess an ecosystem service and the benefits of enacting a policy that maintains it?
- Differs from traditional valuation by providing information on specific management practices as a continuous, long-term analysis, showing relative change over time of monetary and non-monetary indicators, rather than a single static value.



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The Biodiversity Finance Initiative – BIOFIN

Building Transformative Policy and Financing Frameworks to Increase Investment in Biodiversity Management



BIOFIN - Origin and Global Vision



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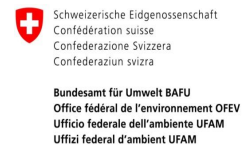
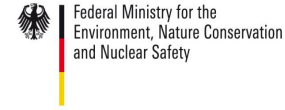


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- **CDB COPs 2010 & 2012:**

- Strategic Plan for Biodiversity 2011-2020 with 20 Aichi Targets
- Development until 2014 of a new generation of National Biodiversity Strategies and Action Plans (NBSAPs)
- Strategy for Resource Mobilisation

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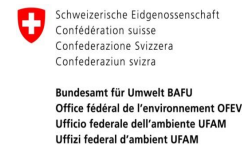
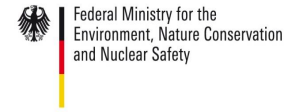
- Strategic Plan for Biodiversity 2011-2020 with 20 Aichi Targets
- Development until 2014 of a new generation of National Biodiversity Strategies and Action Plans (NBSAPs)
- Strategy for Resource Mobilisation

- **The Biodiversity Finance GAP:**

- CBD High Level Panel for Resource Mobilisation estimated the global financing needed for reaching the Aichi Targets to \$150-450 billions/yr until 2020
- ODA for biodiversity: \$3-6 billions/yr
- All potential international and national financing sources & mechanisms must be explored and mobilised
- Need national-level assessments of baseline funding, and of investment needed to achieve national biodiversity targets (NBSAPs)



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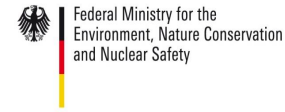


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- UNDP-GEF supports the development of new NBSAPs in c. 45 countries



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- UNDP-GEF supports the development of new NBSAPs in c. 45 countries
- **BIOFIN:** Develop new methodological frameworks. Apply in 12 pilot countries with NBSAP project. US\$ 8.5 million (EC, Germany, Switzerland). 3 years (2013-2015).
Vision: Transform enabling environment for biodiversity finance at national level. Aim to expand to additional countries.



BIOFIN - Products & Processes



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Develop Assessment Methodologies
incl. Peer Review of WORKBOOK

SECTION 2: BASELINE BIODIVERSITY EXPENDITURE AND EXPENDITURE EFFECTIVENESS REVIEW								
PUBLIC AND PRIVATE AGENCIES, ACTORS, INSTITUTIONS AND INVESTORS THAT FUND BIODIVERSITY-RELATED ACTIONS (From Workbook 1b)	Specific division, department or company	Cost codes, cost centers or line items	Total budget in years 1-4	Total biodiversity-related budget in years 1-4	Total actual expenditures in years 1-4	Total actual expenditures on biodiversity in years 1-4	Effectiveness of biodiversity-related expenditures	Negative biodiversity expenditures
• Institution/actor 1								
• Institution/actor 2								
• Institution/actor 3								
• Institution/actor 4								
• Institution/actor 5								
• Institution/actor 6								
• Institution/actor 7								
• Institution/actor 8								
• Institution/actor 9								
• Institution/actor 10								
Data sources and assumptions								
TOTALS								



Transforming Biodiversity Finance:
The Biodiversity Finance (BIOFIN)
Workbook for assessing and mobilizing
financial resources to achieve the Aichi
Targets and to implement National
Biodiversity Strategies and Action Plans

Version 3.0 Draft for Distribution: June 4, 2013

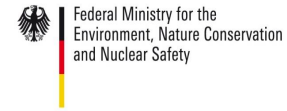
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viz. Biodiversity Finance

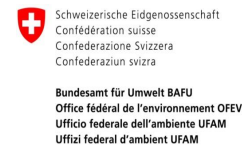
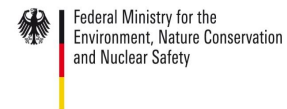
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Expenditure Review /
Baseline Assessment

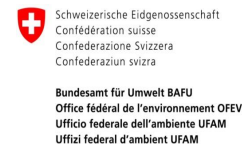
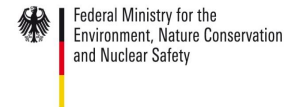
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Develop Resource Mobilisation
Strategy and Synthesis
Recommendations

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Develop Resource Mobilisation
Strategy and Synthesis
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Initiate Resource
Mobilisation

Finalise and
Disseminate
Methodologies

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Overarching Transformational Process hosted by Ministries of Finance/Planning with Environment and Other Sectors

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Will work with and build on national TEEB and WAVES, e.g. on economic valuation, mainstreaming, and cost / benefit

Initiate Resource Mobilisation

Finalise and Disseminate Methodologies

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For further information consult/contact:

www.biodiversityfinance.net

(under development, online January 2014)

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