'The Economics of Ecosystems and Biodiversity' - TEEB

Call for Evidence

TEEB D2-Report for Policy and Public Management at Regional and Local Levels

> **We are looking for studies, case descriptions and personal accounts (both published and unpublished), that deal with applying economic valuation tools at local and regional level – with the aim to better consider biodiversity in a range of policy fields.**

TEEB D2 REPORT:

This note presents a summary of purpose, structure and process of the TEEB D2 Report that focuses on the sub-national policy level - and a series of questions for which we welcome your input.

The report seeks to explore **the potential and the implications of valuing ecosystem services**, taking into account diverse local and regional policy settings.

We particularly welcome contributions from people who have been actively engaged in applying valuation approaches, and from those who have witnessed such applications.

All contributions used will be referenced and duly acknowledged, if contributors permit. Please use this call for evidence to share your experience with a larger audience.

PURPOSE OF THE D2 REPORT:

The D2 Report addresses local and regional actors involved in policy and public management which affects biodiversity. D2 seeks to translate and complement the TEEB framework on valuing ecosystem services to sub-national contexts. D2 intends to provide:

- **A source of inspiration** for including biodiversity in policy and public management by means of valuation: telling examples from around the world

- **An overview** of how assessment approaches, including valuation, can help improve biodiversity related decision-making in various tasks and policy settings.

- **Orientation** on how to adequately choose and apply valuation instruments and interpret their results, in face of conceptual and practical limitations.

STRUCTURE OF THE D2 REPORT:

The D2 Report will evolve in response to inputs and feedbacks on the way. So far, it follows this structure:

Part 1: Introduction
- The problem of biodiversity loss, its origins and consequences
- The potential of valuation to harness policy responses, and its pitfalls
- The study's objectives, reading instructions for different user groups

Part 2: Approaches and Methods for better considering biodiversity
- Overview and flow chart for selecting approaches in environmental decision making
- Ecological, economic and other ways of looking at biodiversity
- Monetary and non-monetary methods for considering nature's benefits

Part 3: Policy fields and public management tasks
(describing valuation practices, institutional requisites, cases, caveats for each)

- Natural Resource Management in forestry, fisheries, agriculture, etc
- Spatial planning instruments
- Environmental Impact Assessments and similar
- Marked-based instruments for conservation
- Protected Areas
- Other, including fundraising

Part 4: Conclusions
- Summary of key messages and caveats
- Appendix with contact lists and practical info

OUR QUESTIONS:

Through this call for evidence, we are looking for studies, case descriptions, concrete examples, personal accounts, published and unpublished material, and hints for further insights!

We are interested in material addressing one or more of the following questions, and with focus on the local and regional policy levels:

Valuation – what for?

1. Where have decisions with important implications for the environment been based on **cost-benefit analysis** considering multiple ecosystem services? What were the experiences and practical implications of valuing them?

2. Where have valuation methods been primarily employed to raise **local awareness**? Where has it been used for **advocacy**? Where to **legitimize decisions**?

3. Where have valuation methods been primarily employed for **fundraising**?

4. Any studies on **local/regional markets** for ecosystem services? How do these markets work? What is traded? Who pays for whom? What are their impacts?

5. Any examples of valuation processes being used to address **social or economic equality** within societies?

Valuation in different policy fields

6. How have valuation methods been applied to inform **spatial planning**? What were the experiences and practical implications?

7. Where have valuations been used as part of **EIA/SEA**? What were the experiences and practical implications?

8. How have valuations been used when designing a biodiversity protection policy and actions? How valuations have contributed in **protected area management**? With what effect?

9. Where and how has valuation led to **concrete changes in** the public management of fisheries, agriculture, forestry, and other **natural resource use systems**?

Experiences with doing valuation and using results

10. Which **practical obstacles** have you encountered when conducting or commissioning valuation exercises? Which questions arose when seeking to interpret or otherwise make use of valuation results?

11. How have valuation results been **taken up in decision processes**? What other information has been used to complement valuation results? How have they been combined?

12. What are the **key problems** for taking decisions in policy and public management at local and regional level which affect biodiversity?

13. What **aspects of biodiversity** are mostly considered in decisions? How is 'biodiversity' understood?

14. Where has valuation had **negative impacts** on biodiversity, or on those affected by the decisions? In which ways?

15. What **governance contexts and institutional structures** are important for applying valuation? Why?

16. How do economic perspectives on nature **fit into local cultures**?

17. Where did valuation show **winners and losers** of the conservation, sustainable use, or conversion of ecosystems?

18. Examples, where ecosystem valuations have been struggling with **a mismatch** between the scales of the decision and the consequences of ecosystem management?

19. How has **insufficient knowledge of complex ecosystem services** been dealt with in practice?

20. Local experiences with **compensation schemes** for conservation, protected areas and related use restrictions?

21. Who are the **non-governmental organizations and private companies** interested in valuing nature in your country? How successful are their initiatives? How these values have been integrated in their practices?

TEEB D2 REPORT: NEXT STEPS

- A draft version of the TEEB D2 report is being developed during the first half of 2009 with input from a wide range of contributors under the guidance of the D2 Core team, jointly led by Haripriya Gundimeda (Indian Institute of Technology Bombay, www.iitb.ac.in) and Heidi Wittmer (Helmholtz Centre for Environmental Research Leipzig, www.ufz.de).

- Responses to this call for evidence, to be submitted to env-teeb-call-D2@ec.europa.eu, are welcome until 30 June 2009 and will feed into the draft D2 Report.

- During the second half of 2009, the draft report will be discussed in a series of regional workshops.

- The final version of the TEEB D2 Report will be publicly available in June 2010. For more details on the process, please regularly check the TEEB website at http://ec.europa.eu/environment/nature/biodiversity/economics/

Thank you for taking the time to contribute!