Financing Needs Associated with Target 2 of the EU Biodiversity Strategy

Presentation at CeeWeb Academy, Budapest 7/8 October 2013.

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Target 2 of the EU biodiversity Strategy

By 2020, ecosystems and their services are maintained and enhanced by establishing green infrastructure and restoring at least 15% of degraded ecosystems
Study contract to estimate the financing needs associated with achieving Target 2

• Contract awarded to IEEP
• Objective to estimate the additional costs related to the achievement of Target 2—both maintenance and restoration.
• Cost estimates incorporate the costs of delivering the individual actions related to Target 2—no double counting
Financing Needs - Study Contract

- Identify ecosystem types
- Estimate extent and condition of these ecosystem types in 2010 and project a BaU to 2010.
- Compile data on maintenance and restoration costs for each ecosystem type - cost of measure per unit area.
- Estimate annual maintenance costs - ecosystem type by country
- Estimate annual restoration costs according to 4 scenarios by ecosystem and by country.
Financing Needs Study contract

Ecosystem Types
1. Permanent Crops
2. Improved grasslands
3. Natural and semi-natural grasslands
4. Forest
5. Heathland and tundra
6. Schlerophyllous vegetation
7. Mires
8. Inland Marshes
9. Rivers and Lakes
10. Coastal systems
11. Marine
Financing Needs Study Contract

For restoration, 5 different scenarios were examined:
1. Restoration of 15% of the degraded area of each ecosystem type in each MS (ref)
2. Restoration of 15% of degraded area in each Member State based on lowest cost
3. Restoration of 15% of degraded area in each MS based on biodiversity
4. Restoration of 15% of degraded area in each MS based on ecosystem services
5. Restoration of 15% of degraded area in each MS mix of biodiversity and ecosystem services.

Maintenance costs were considered to be the same for each of the scenarios.
Financing Needs –Study Contract- Results

- Reference- € 7.79-10.9 billion per annum
- Low cost- € 0.56-1.75 billion
- Biodiversity-€ 5.16-7.87 billion
- Ecosystem services-€ 5.87-8.59
- Biodiversity/Ecosystem Services € 6.20-8.97

Additional annual maintenance costs for all scenarios- € 0.62-1.66 billion

In the report figures disaggregated by ecosystem type and by Member State.
The End!

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