



MONETIZATION OF ENVIRONMENTAL IMPACTS

State of the art of existing methodologies

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- Context



RELIER ÉCONOMIE ET ÉCOLOGIE

- A survey ordered by FONDATION 2019
- Objective : to promote the concept of a « circular VAT »
- Eveja carried out the preparatory survey (2012)
 - ✓ Benchmark of the different methodological approaches for monetization of environmental impacts
 - ✓ Appointment of methodological limits
 - ✓ Proposal for a research workplan to establish a sound method for the calculation of environmental externalities

- Preliminary

Monetization : Preserve or harm ?



- Overview of monetization methodologies

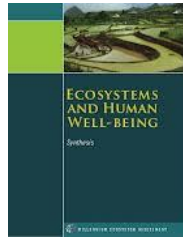
Economic valuation
of ESS

Monetization of
environmental
impacts

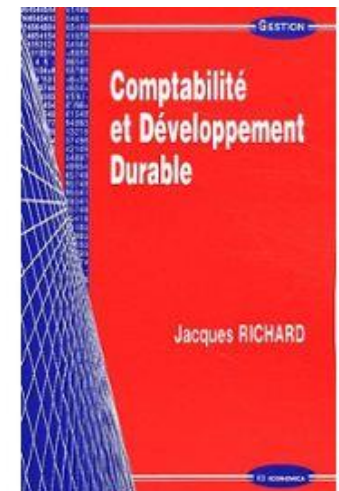
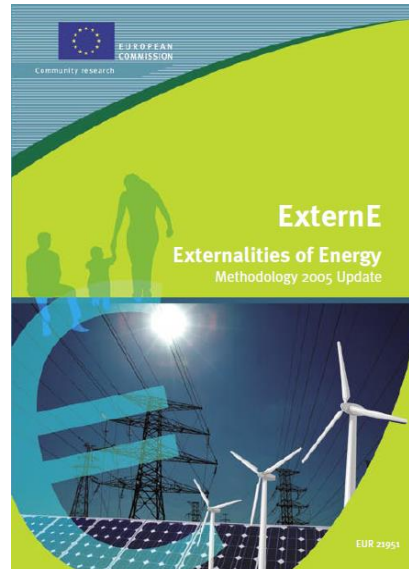
Environmental
accounting



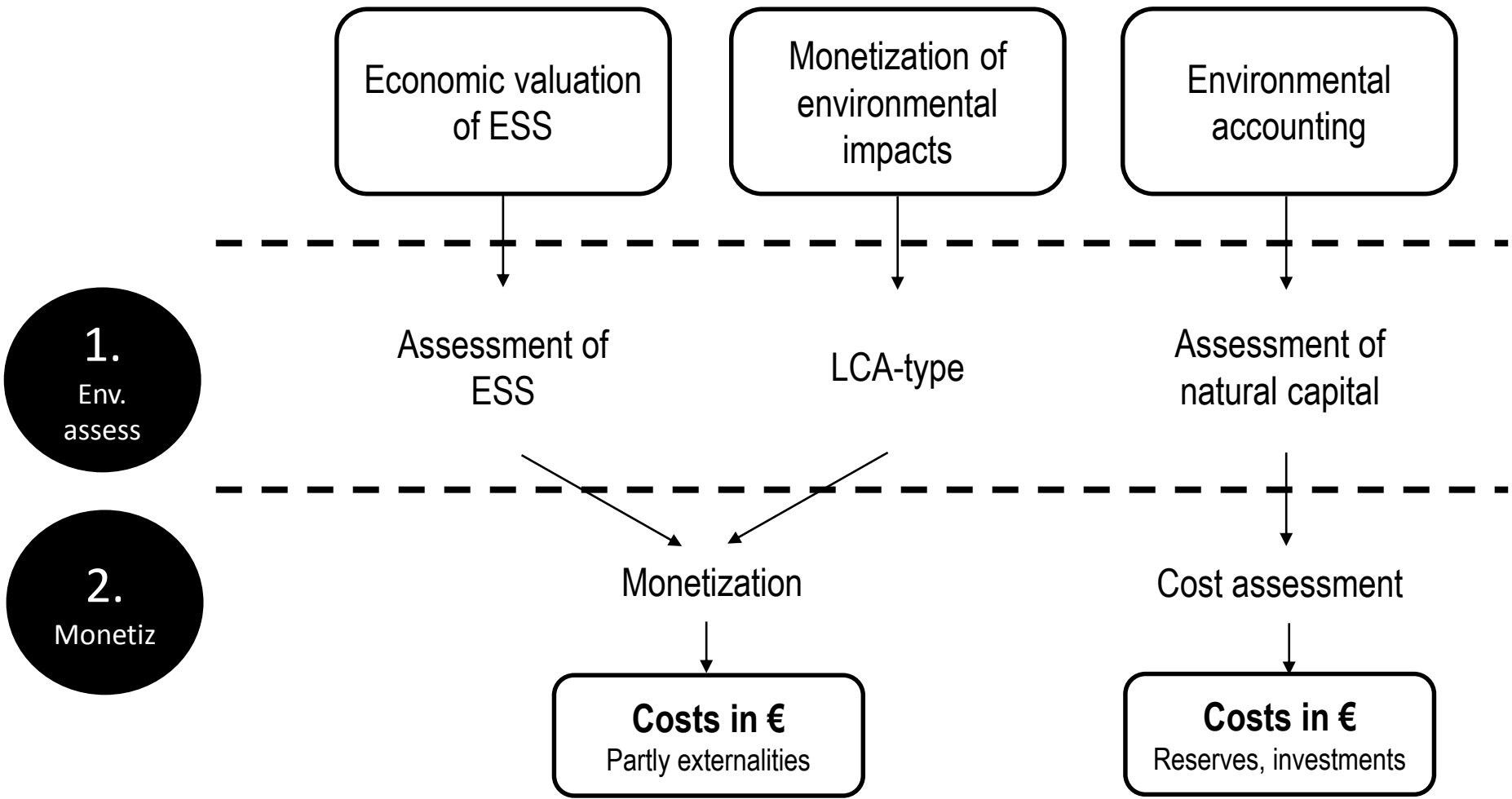
Millennium Ecosystem Assessment



Impact pathway and LCA



- Overview of monetization methodologies



- Limits

Severe methodological limits

Two kinds of limits :

- Scientific limits (for monetization)
 - Assessment of environmental impacts and biodiversity losses
 - Assessment of monetization factors
- Political and sociological limits (for the implementation of a circular VAT)

- Conclusion

- Monetization : a societal debate first, with an ethical dimension
- 3 main classes of methods corresponding to different types of needs and requirements
- Clear interaction between LCA and monetization (potential for mutual enrichment)