

« Monetary valuation : practical recommendations and case studies »

→ SCORE-LCA's members applications

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2nd Score-LCA Workshop

Monetary valuation of impacts in Veolia Research and Innovation

- **Contribution for Veolia**
 - Well documented and argued study
 - Interested in the benchmark trees that help to choose the good method
 - ScoreLCA : a place where rich exchange of point of views and best practices are possible
- **Monetary valuation in Veolia Research and Innovation is used to...**
 - ... make comparisons and trade-offs possible between alternative scenarios in LCA context
 - ... better understand the sensitivity of economic agents about some environmental impacts
 - ... improve and adapt communication on the environmental impacts
 - ... assess the efficiency of some alternative business model offers
- **The implication of Veolia in standardization**
 - Veolia member of the AFNOR X30U Commission – tools for Environmental Management
 - Willingness of Veolia : to contribute to the conception of the ISO 14008 standard
 - Neutral and expert vision on the topic
 - Veolia is an user of monetary valuation methods, but does not promote a specific approach
 - Several past and ongoing projects that needs to use different methods
 - The monetary values are considered equally with some other environmental and social indicators

Monetary valuation of impacts

An ongoing standardization process

- **Context**

- A project of standard on the topic of monetary valuation of impacts was launched in 2015, December
- This standard is under conception, publication scheduled in 2018, December

- **How is Score-LCA impacted and linked to the process?**

- Some of the members of Score-LCA are also involved AFNOR (french standard institute), Commission X30U on environmental management
- Some discussion and interaction were easy to have within Score-LCA association

- **Actions within Score LCA association : goings and comings information**

- Elaboration of a common position
- Identification of the expert(s) and transmission of the position in the AFNOR
- Coming information from ISO working groups meetings

Presentation of the ongoing work about the standard under conception ISO 14008

- **General information**

- Title : ***Monetary valuation of environmental impacts and related environmental aspects — Principles, requirements and guidelines***
- Working group is attached to the sub-committee ***ISO TC 207/ SC1 / WG7*** on environmental management systems
- Secretariat : Swedish Standard Institute
- 1st meeting in 2016/02, the 5th scheduled in 2017/06 in Halifax (Canada)
France was present at all the meetings.
- Increasing interest in this standard under conception
 - 95 persons from 27 countries involved in 2017/02 against 52 persons from 19 pays in 2016
 - Strong participation from European countries, mainly : Germany, Denmark, Sweden
- At the moment : ISO Committee Draft 2 (CD2) for 8-week ballot and comment
 - Action due date : 2017/04/17
 - Results of CD2 will be discussed in June in Halifax, Canada

Goal of the ISO 14008 document

- **Intention of the document**

- To increase the awareness, understanding, and comparability and transparency of monetary values of environmental impacts
- To help the non-expert practitioner that wants to do a monetary valuation of environmental impacts and related aspects

- **How can the document do that ?**

- Providing some requirements and guidelines for monetary valuation of environmental impacts
 - How to use the monetary valuation methods
 - How to document a monetary valuation study (all the steps and information to precise from the hypotheses to the results)

- **It is not**

- A prescriptive document
- A literature review about the monetary methods
- Intended for certification or labelling



Scope of the ISO 14008 document

- **What are the environmental impacts and related aspects ?**
 - Impacts include impacts on human health, the built and natural environment
 - But not the social impacts
 - Aspects = releases and use of natural resources – ISO conformity
 - Issues like climate change, biodiversity, noise, emissions of substances, ecosystem services are covered by the document
 - This document is consistent with some previous or other international initiatives and documentation : ExternE, MEA, Natural Capital Protocol etc.
- **What are the methods that are included in the scope ?**
 - Monetary valuation methods only
 - Not costing or accounting methods
 - Not the environmental impact assessment methods (LCA, ERA, etc.) that permitted to assess environmental impacts from aspects
- **What is valued ?**
 - Social values, reflected in the Total Economic Values = private + external costs
 - Change values compared to a baseline, not absolute values

Conclusion

- ✓ Monetary valuation of impacts : an increasing interest for business or public policy decision-making
- ✓ A first standard that aims to help non experts to use the monetary valuation methods and monetary values is ongoing
- ✓ Experts in France are interested and involved in the working group for the conception of this standard
 - ✓ The ISO14008 - CD2 is at the moment available for comments
- ✓ Another standard is also under conception, about the application of the monetary values (ISO 14007 Environmental management: Determining environmental costs and benefits – Guidance)

If some volunteers and experts want to be implicated, let us know!

Thanks!



QUESTIONS ?



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