« 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 X30UCommission – 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
- 1\textsuperscript{st} meeting in 2016/02, the 5\textsuperscript{th} 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
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
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!