

# « Monetary valuation : practical recommendations and case studies »

→ SCORE-LCA's members applications

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2<sup>nd</sup> 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
- 1<sup>st</sup> meeting in 2016/02, the 5<sup>th</sup> 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!

# SCORE LCA



QUESTIONS ?



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