THE STANDARD : AN ANSWER TO YOUR NEED!
**WHAT IS A STANDARD?**

- **A reference document**
- **Established by consensus and by a recognized standardization body**
  - Of voluntary application
  - A collective work
  - Regularly updated

- Used in trade, economic, technical, social exchange ...
  (Private contracts and public contracts)
AFNOR ROLE

Bringing communities together

And provide them with assistance and methodological advice

Enabling them to develop the reference documents they need

At the level they wish

- Providers, consumers, public authorities ...
- Project management, study, expertise, animation
- Standards, guidelines...
- National, European or international
Being involved in standardisation: Which benefits for you?
SOME OF THE BENEFITS OF BEING INVOLVED IN STANDARDIZATION

Become a reference on your market

Thanks to the standardization …

- You can make the practices of your sector evolve... even revolutionize your market.
- You can place your products or services as references of your sector.
- Standardization is the right place to propose, validate and highlight the best practices

Promote your interests abroad

Standardization: a common language, beyond geographical boundaries.

Getting involved in standardization work internationally ...

- Give yourself an extra showcase
- Is a way to promote the interests of France
- Is an excellent way to develop a network of influence
SCORELCA supports projects that:

- Allow to identify the actual practices in environmental management tools (LCA, eco-design…)
- Select and promote the best practices

This results can then be presented at national and international level within the standardization committees to be discussed / validated and incorporated in the future standards
A QUICK VIEW OF THE ACTUAL PROGRAM
4 steps to co-elaborate the future standards

Elaboration

Finalisation

Approbation

LCA ?
(ISO 14040/44)

EMS by steps
(X 30-205 / ISO 14005)

Sustainability reports
(ISO 14016)

Guidelines for incorporating ecodesign
(ISO 14006)

Product carbon footprint
(ISO 14067)

Monetary valuation of environmental impacts
(ISO 14008)

Environmental Conscious Design (ECD)
(ISO 19991)

Quantitative environmental information
(ISO 14033)

Climate and Finance
(ISO 14097)

Environmental costs and benefits
(ISO 14007)

New subjects

LCA Amendment of ISO 14044

Environmental footprint communication
(ISO 14026)

PCR
(ISO 14027)

GHG quantification / reporting
(ISO 14064-1 à 3)

SCORELCA seminar - 16.03.2017
ZOOM ON SOME PROJECTS
ISO 14006 : ENVIRONMENTAL MANAGEMENT SYSTEMS - GUIDELINES FOR INCORPORATING ECODESIGN

Scope (Extract)
This International Standard provides guidelines to assist organizations in establishing, documenting, implementing, maintaining and continually improving their management of ecodesign as part of an environmental management system (EMS).

Main issues
The revision of this standard (published in 2011) is centered on :
- Integration of modifications of ISO 14001 v2105 and of ISO 14004 v2016
- the principles and concepts of design and development in the latest edition of ISO 14001
- produce a standalone standard.
This document describes a methodological framework for monetary valuation of environmental impacts and related environmental aspects. The monetary valuation methods in this document can also be used to better understand organisations’ dependencies on the environment.

Main issues

The elaboration of this standard (first version) is centered on:

- The process to obtain and document a monetary valuation method
- A huge work was done to adapt scope and introduction
- A user-friendly document understandable for non-expert (terms, explanation of exclusion, points of attention…)

SCORELCA studies linked:

- The Use of Monetary Valuation of Environmental Impacts in Life Cycle Assessment: State of the art, strengths and weaknesses – 2013
- Monetization of environmental impacts in LCA: Conducting a practical case study (under elaboration)
ISO 14026 : ENVIRONMENTAL LABELS AND DECLARATIONS - PRINCIPLES, REQUIREMENTS AND GUIDELINES FOR COMMUNICATION OF FOOTPRINT INFORMATION

Scope (Extract)

This document provides principles, requirements and guidelines for footprint communications addressing environmental areas of concern relating to products.

This document also provides requirements and guidelines for communication of footprint information within related programmes, as well as requirements for verification procedures.

Main issues

The elaboration of this standard (first version) is centered on:

- Elaboration of the framework of communication of footprint information with requirements on communication, data used or verification process
ISO 14033 : ENVIRONMENTAL MANAGEMENT - QUANTITATIVE ENVIRONMENTAL INFORMATION - GUIDELINES AND EXAMPLES

Scope (Extract)

This International Standard supports the application of standards and reports on environmental management. It provides guidelines on how to acquire quantitative environmental information and data and implement methodology.

Planning

Main issues

The revision of this standard (first published in 2012) is centered on:

- Transformation of the Technical Specification to an International standard

SCORELCA study(ies) linked:

☑️ Evaluation of data quality
ISO 14067 : GREENHOUSE GASES -- CARBON FOOTPRINT OF PRODUCTS -- REQUIREMENTS AND GUIDELINES FOR QUANTIFICATION AND COMMUNICATION

Scope (Extract)

This document specifies principles, requirements and guidelines for the quantification and reporting of the carbon footprint of a product (CFP), in a manner consistent with International Standards on life cycle assessment (ISO 14040 and ISO 14044).

This document is applicable to CFP studies, the result of which provide the basis for different options for communication of CFP information in accordance with ISO 14026.

Planning

Main issues

The revision of this standard (first version published in 2013) is centered on :

- Transformation of the Technical Specification to an International standard
- CFP quantification only;
- removing clauses related to communication, CFP-PCR and verification;
- Creating clear reference to ISO 14026, ISO 14027 and ISO 14064-3, in relation to CFP communication, CFP-PCR and/or PCR, and CFP verification;
- Guaranteeing the consistency with the requirements of ISO 14044.

To be noted : Requirements and guidelines for the quantification of a partial carbon footprint of a product (partial CFP) are also specified.
ISO 14097 : FRAMEWORK AND PRINCIPLES FOR ASSESSING AND REPORTING INVESTMENTS AND FINANCING ACTIVITIES RELATED TO CLIMATE CHANGE

Scope (Extract)

This international standard specifies a general framework, including principles, requirements and guidance for assessing and reporting investments and financing activities related to climate change.

Planning

Main issues

The elaboration of this standard (first version) is centered on:

- Needs of financial organizations to have a consistent approach to report publicly on climate-related indicators
- Needs of financial organizations to set targets that support the implementation of the Paris Agreement and monitor progress against these targets
- Needs of international organizations and governments to develop voluntary and mandatory disclosure schemes for financial institutions.
Enquiry is ongoing at ISO level to identify possible amendments / evolutions of ISO 14040 and ISO 14044. Both standards were confirmed in 2016 (ie no revisions were launched)

**At French level, the following potential evolutions were identified :**

- Integration of “mass balance” for validation
- Integrating the "Time Dimension" within LCA
- Introduction of the information on “Attributional LCA (A-LCA), Decisional LCA, Dynamic LCA and Consequential LCA (C-LCA)”
- Introduction of information on “Multi-criteria Analysis”
- Addition of a definition of “Declared unit”

**SCORELCA studies linked :**
- Prise en compte de la dimension temps en ACV : Etat de l’Art, Recommandations et Solutions pour une Meilleure Mise en Œuvre - 2016
- Analyse du Cycle de Vie conséquentielle : identification des conditions de mise en oeuvre et des bonnes pratiques
- Utiliser l’Analyse Multicritères pour la prise de décision en ACV
HOW TO GET INVOLVED IN STANDARDIZATION?
STRUCTURES AT FRENCH LEVEL

Standardization committees

- Environmental management tool (X30U)
- GHG emission (GES)
- LCA
- Ecodesign
- EMS by steps
- ETV
HOW TO GET INVOLVED IN STANDARDIZATION?
INTERACTION WITH INTERNATIONAL LEVEL

**French level**
1. Consultation of experts to collect comments and recommendation
2. Definition of the French position

**ISO level**
A. Consultation of National Standardization Bodies to collect comments and votes
B. Treatment of national comments within Working Groups