



STANDARDIZATION

A FRAMEWORK
FOR PROGRESS
FOR ALL

**STANDARDIZATION IN
ENVIRONMENTAL MANAGEMENT**

PRESENTATION AT SCORELCA
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Jean-Charles MICHAUD

01 41 62 85 35

Jeancharles.michaud@afnor.org

afnor
STANDARDIZATION

THE STANDARD : AN ANSWER TO YOUR NEED!



WHAT IS A STANDARD ?

A reference document

Standard

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

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

AFNOR ROLE

Bringing communities together

- ❑ Providers, consumers, public authorities ...

And provide them with assistance and methodological advice

- ❑ Project management, study, expertise, animation

Enabling them to develop the reference documents they need

- ❑ Standards, guidelines...

At the level they wish

- ❑ 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



INTERACTION WITH SCORELCA

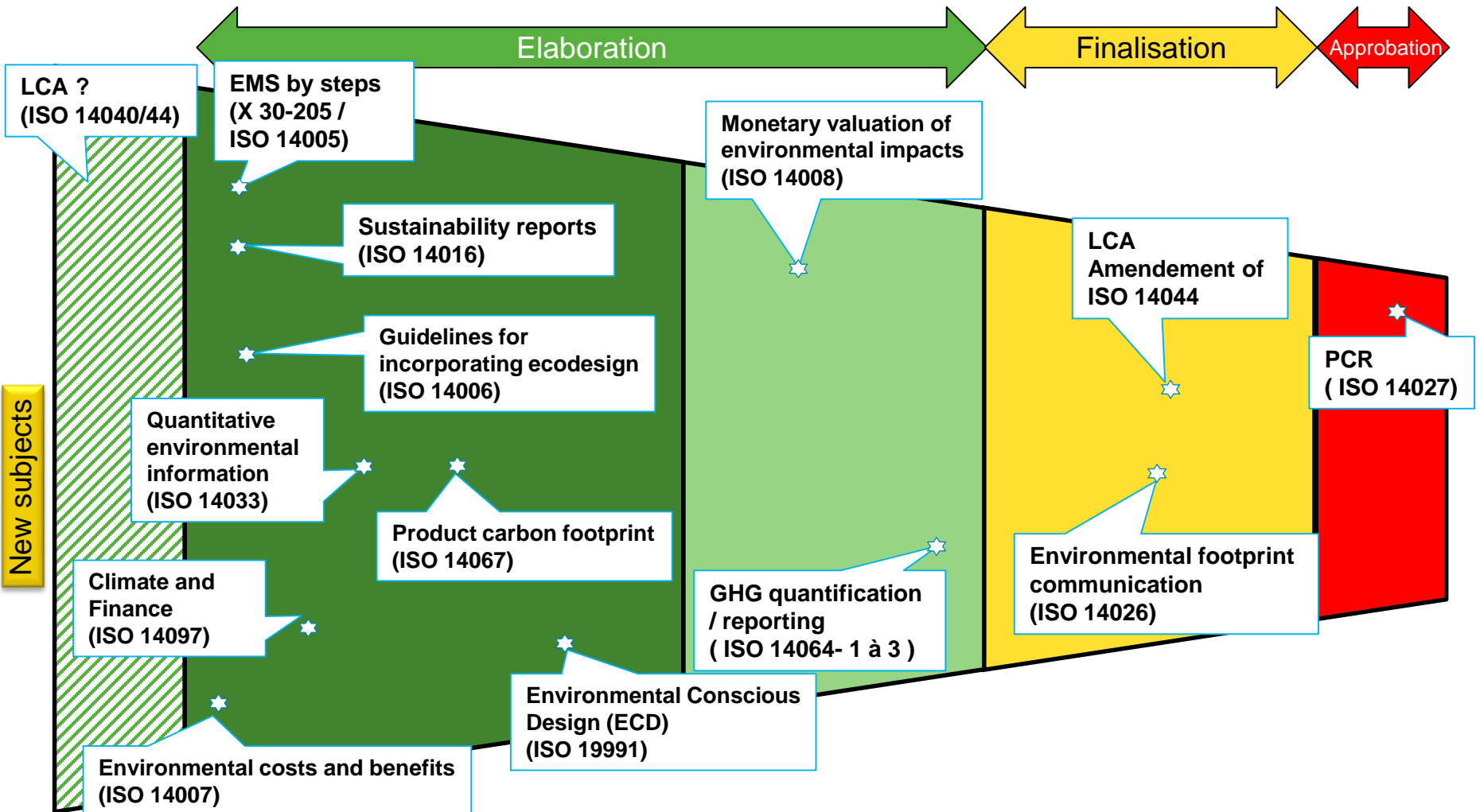
SCORELCA supports projects that:

- 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





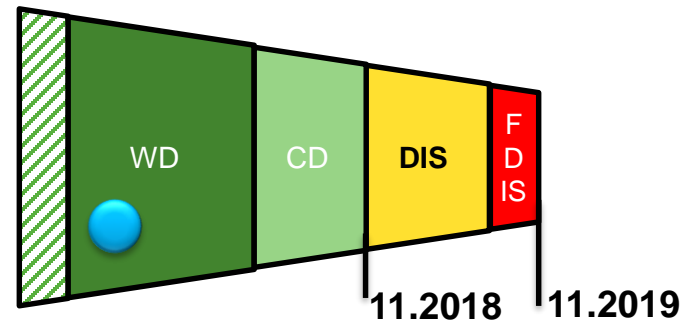
ZOOM ON SOME PROJECTS

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)**.

Planning



Main issues

The revision of this standard (published in 2011) is centered on :

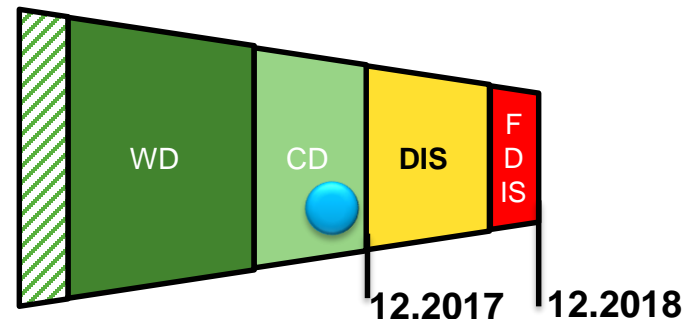
- Integration of modifications of ISO 14001 v2105 and of ISO 14004 v2016
- the principles and concepts of design and development in the latest edition of ISO 14001
- produce a standalone standard.

ISO 14008 : MONETARY VALUATION OF ENVIRONMENTAL IMPACTS FROM SPECIFIC EMISSIONS AND USE OF NATURAL RESOURCES - PRINCIPLES, REQUIREMENTS AND GUIDELINES

Scope (Extract)

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.

Planning



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)

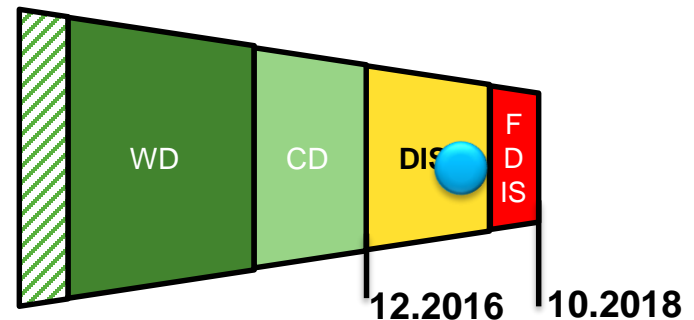
ISO 14026 : ENVIRONMENTAL LABELS AND DECLARATIONS - PRINCIPLES, REQUIREMENTS AND GUIDELINES FOR COMMUNICATION OF FOOTPRINT INFORMATION

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.

Planning



Main issues

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

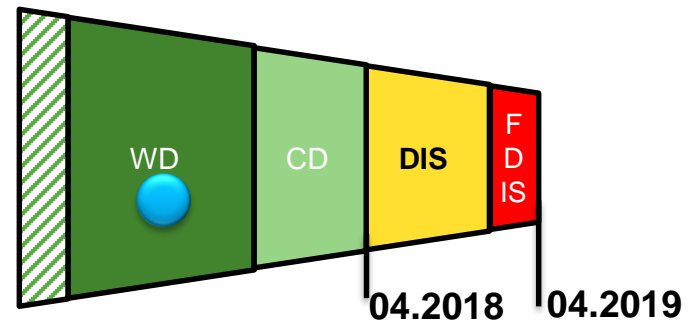
- Elaboration of the framework of communication of footprint information with requirements on communication, data used or verification process

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

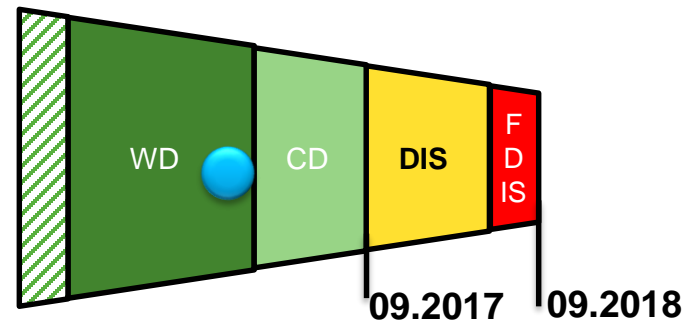
ISO 14067 : GREENHOUSE GASES -- CARBON FOOTPRINT OF PRODUCTS -- REQUIREMENTS AND GUIDELINES FOR QUANTIFICATION AND COMMUNICATION

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;
- Guarantying the consistency with the requirements of ISO 14044.

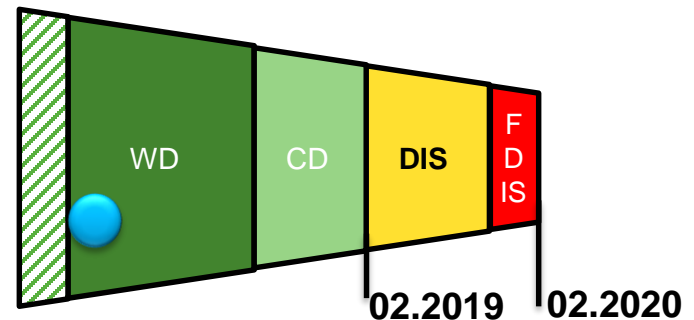
To be noted : Requirements and guidelines for the quantification of a partial carbon footprint of a product (partial CFP) are also specified.

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.

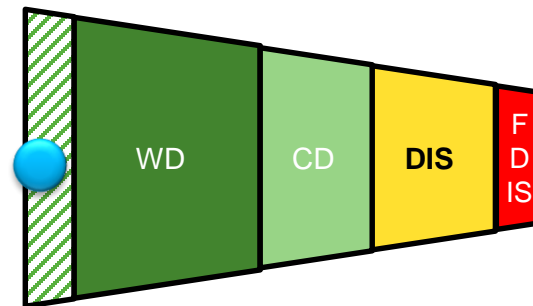
ISO 14040 SERIES – NEXT STEPS

Scope (Extract)

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)

Planning



Main issues

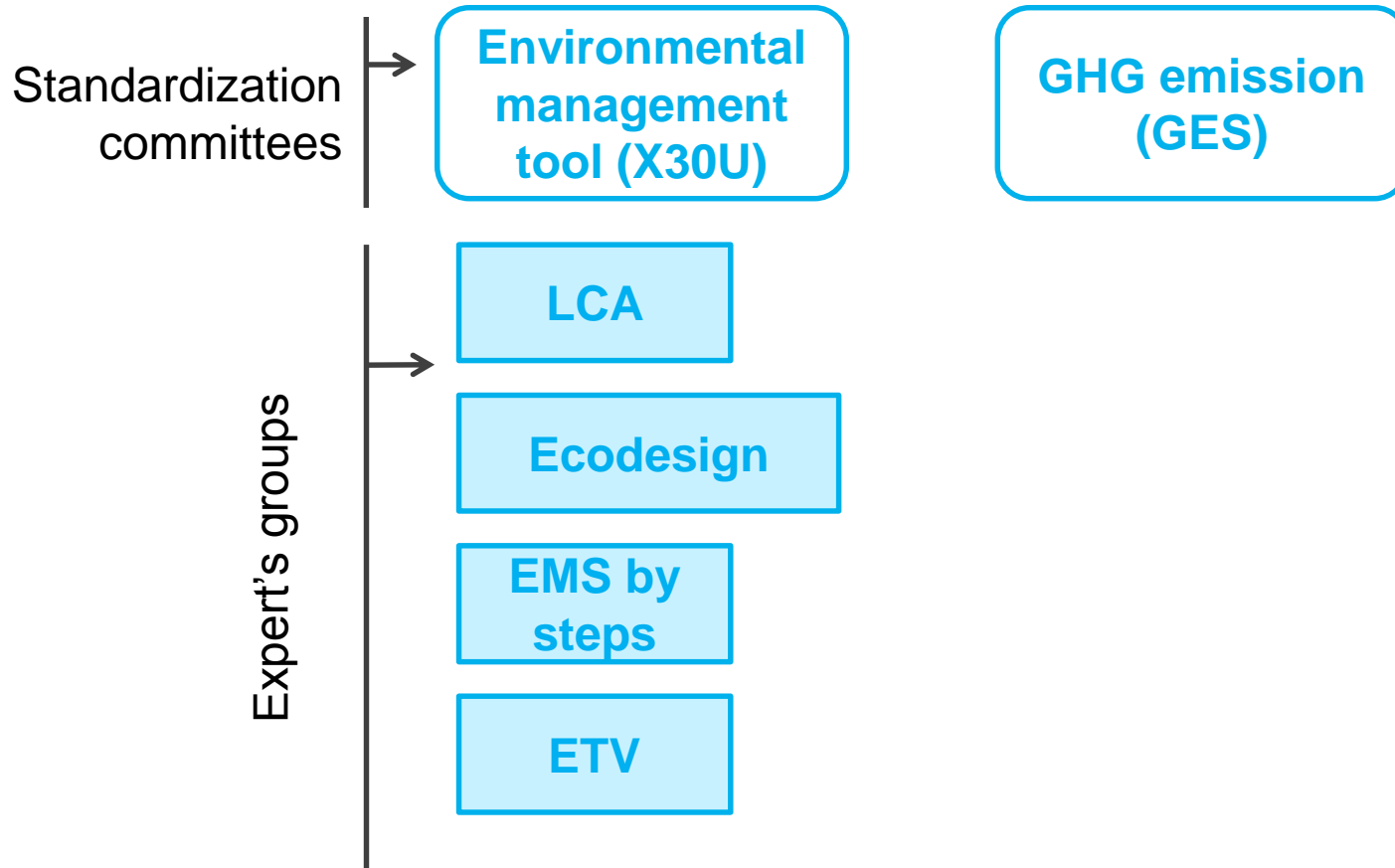
At French level, the following potential evolutions were identified :

- ☛ 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”

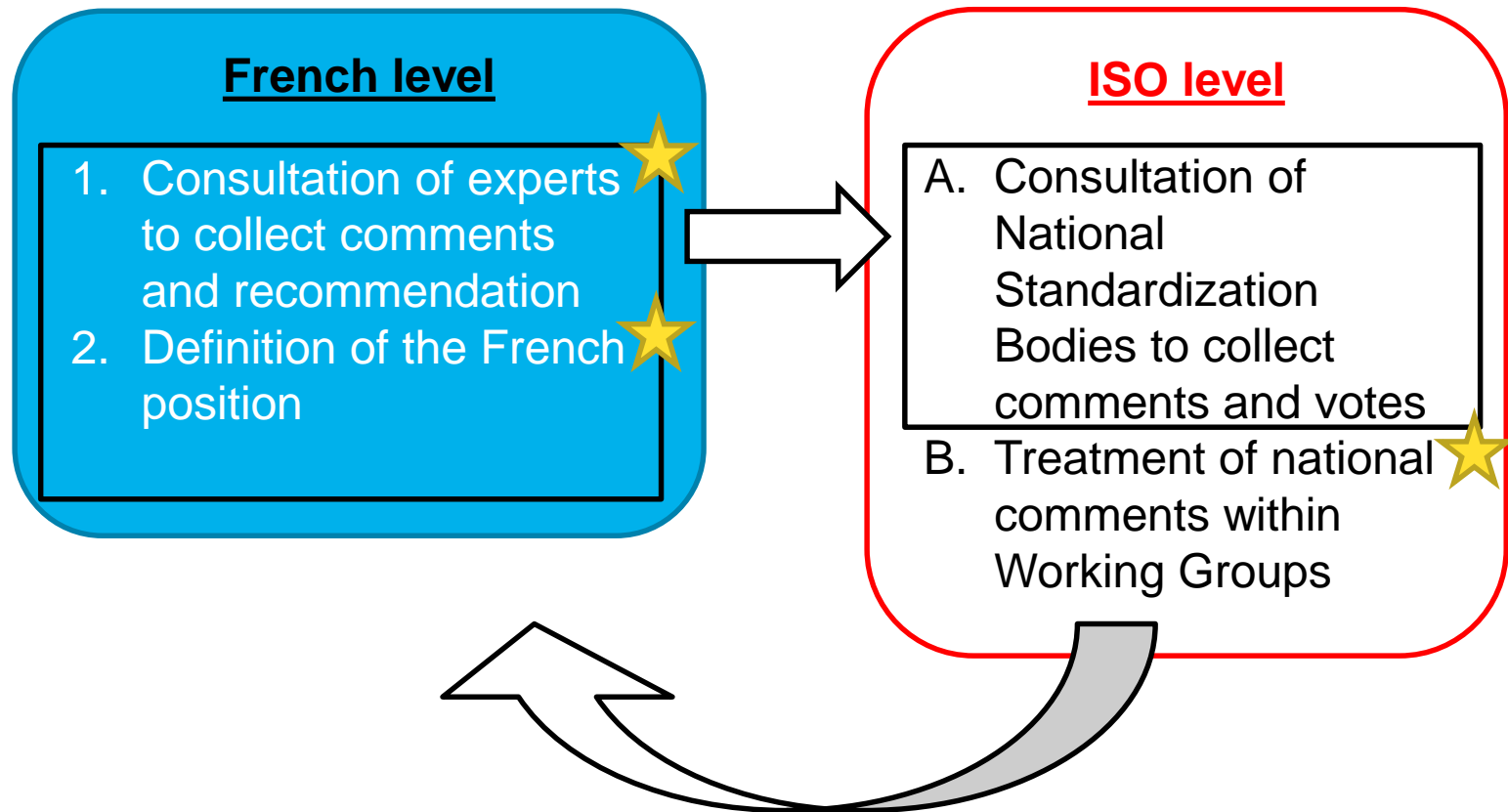
SCORELCA studies linked :

- ☑ *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



HOW TO GET INVOLVED IN STANDARDIZATION? INTERACTION WITH INTERNATIONAL LEVEL



THANKS !

11 rue Francis de Pressensé
93 571 La Plaine Saint-Denis Cedex
Tél. 01 41 62 80 00
Fax. 01 49 17 90 00

