



STANDARDIZATION

A FRAMEWORK
FOR PROGRESS
FOR ALL

G7 WORKSHOP, 20-21 MARCH 2019
*TOOLS MAKING VALUE CHAINS
MORE CIRCULAR AND RESOURCE
EFFICIENT*

STANDARDIZATION

Olivier Peyrat
ISO Board member
Past ISO VP Finance
AFNOR CEO

afnor
STANDARDIZATION

SUCCESS STORIES OF STANDARDIZATION LIFE CYCLE ASSESSMENT

100 million mobile phones

Forgotten in cupboards and drawers in France*



3 YEARS average interval for replacing
for mobile phones in Europe*

€ 124 million in gold lost due for failing to recycle
27,000 tons printed circuit boards in France in 2012*



ISO 14040 : Life Cycle Assessment

the purpose of LCA is to identify ways of reducing environmental impact
at each ones of these stages.

It is important to decision-makers in the industry:

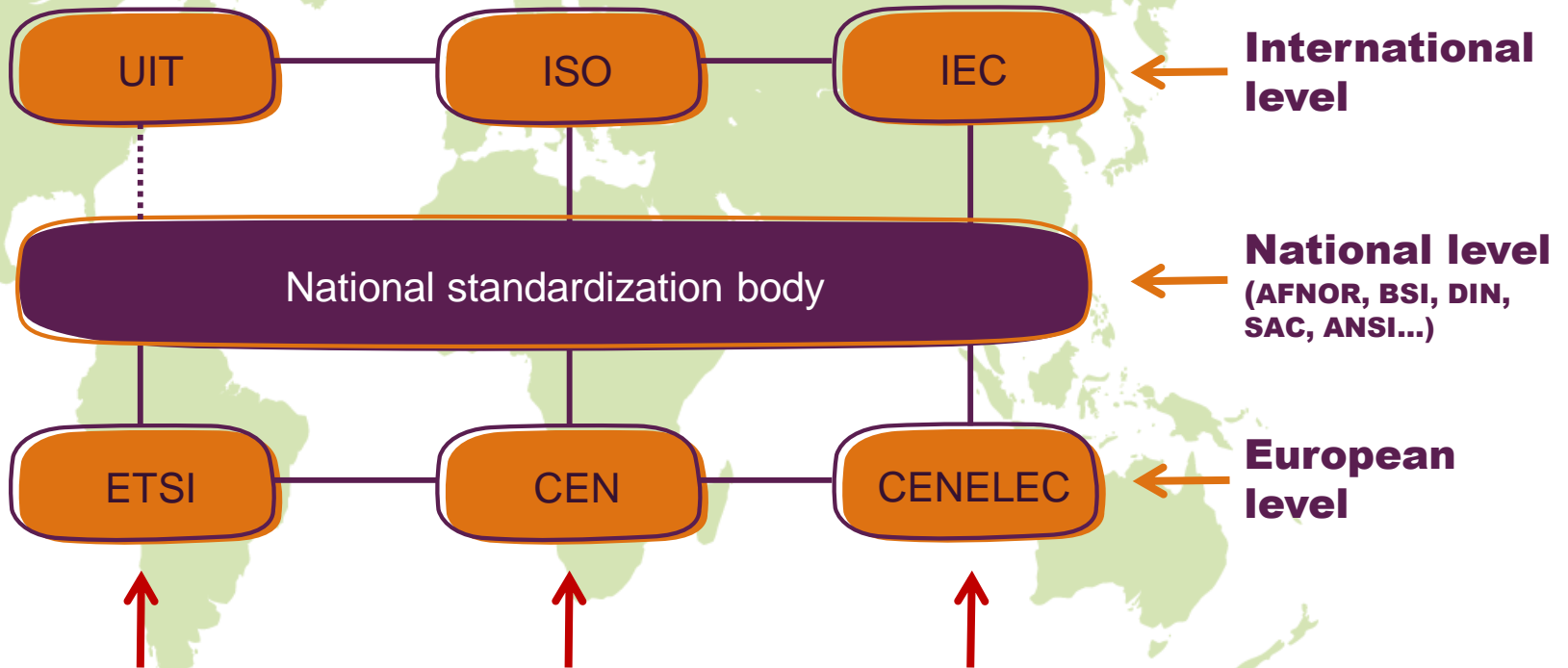
- preservation of resources
- energy choices
- production modes

***Tool for implementing the Paris Agreement, LCA reveals that 70% of
environmental impact is determined at the raw material stage.***

* Rapport n°850 du Sénat, 27 septembre 2016

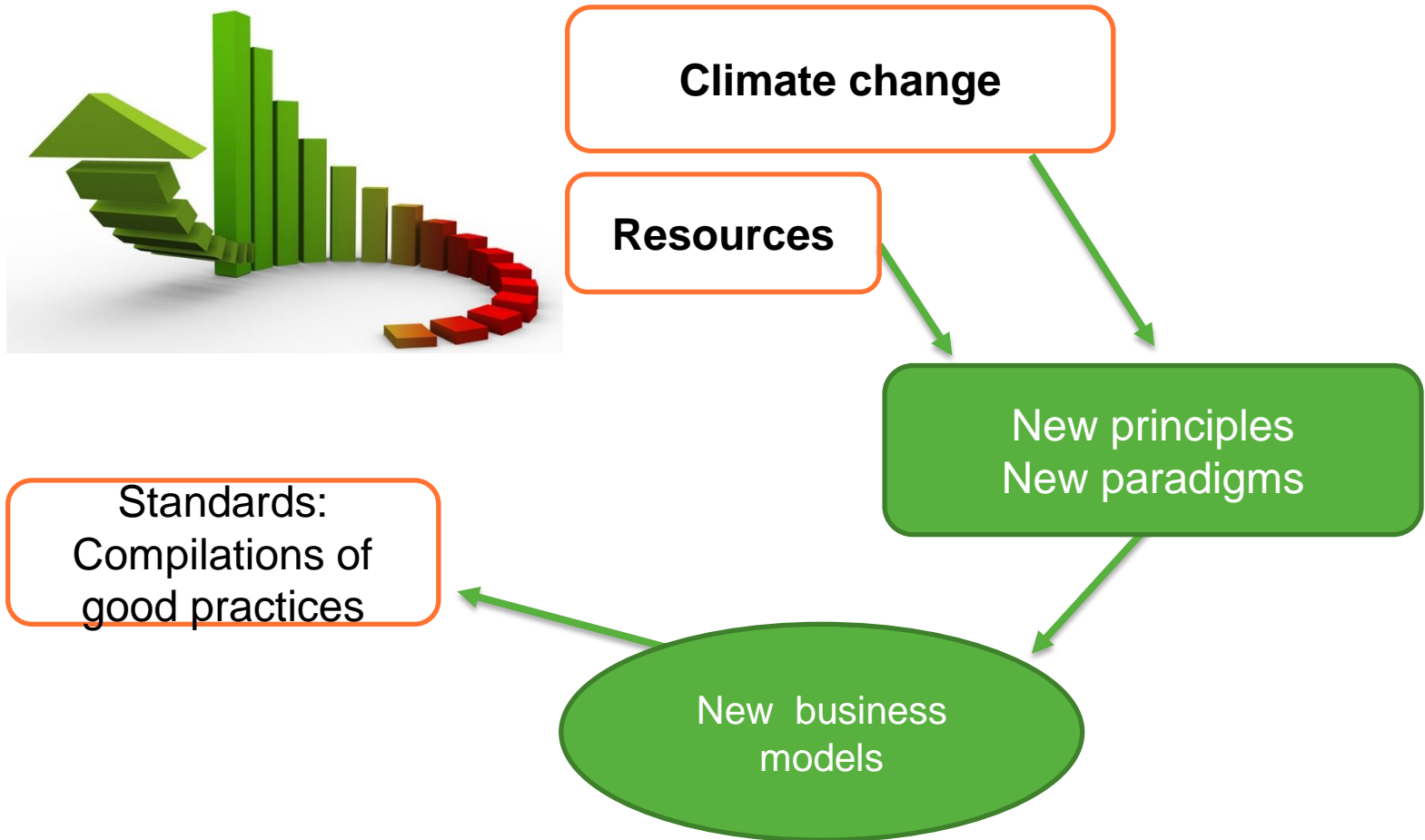
INTERNATIONAL ORGANIZATIONS

International standards: voluntary implementation



European standards: mandatory implementation

STANDARDIZATION STRATEGY ON CIRCULAR ECONOMY



STANDARDIZATION STRATEGY ON CIRCULAR ECONOMY

What are the expected benefits of standards on circular economy?

to facilitate dialogue between the different actors at national, regional or international level through a shared tool for the management of a circular economy project

To facilitate exchange of specific experiences between different stakeholders of a circular economy project

To limit proliferation of reference documents in order to focus on concrete actions

To give a framework with the view of mobilizing the actors of a circular economy project (public authorities, economic actors, civil society) for consistent actions with a focus on continuous improvement

AND SO: To establish an internationally recognized framework that involves all stakeholders and helps the global development of these new business models by relevant organizations



ISO/TC 323 CIRCULAR ECONOMY

Proposed by France in June 2018

Accepted by ISO in September 2018, 26 countries in favor of this new Technical committee

Secretariat allocated by ISO to AFNOR

Chair : C. Chevauché, Suez Groupe

Scope :

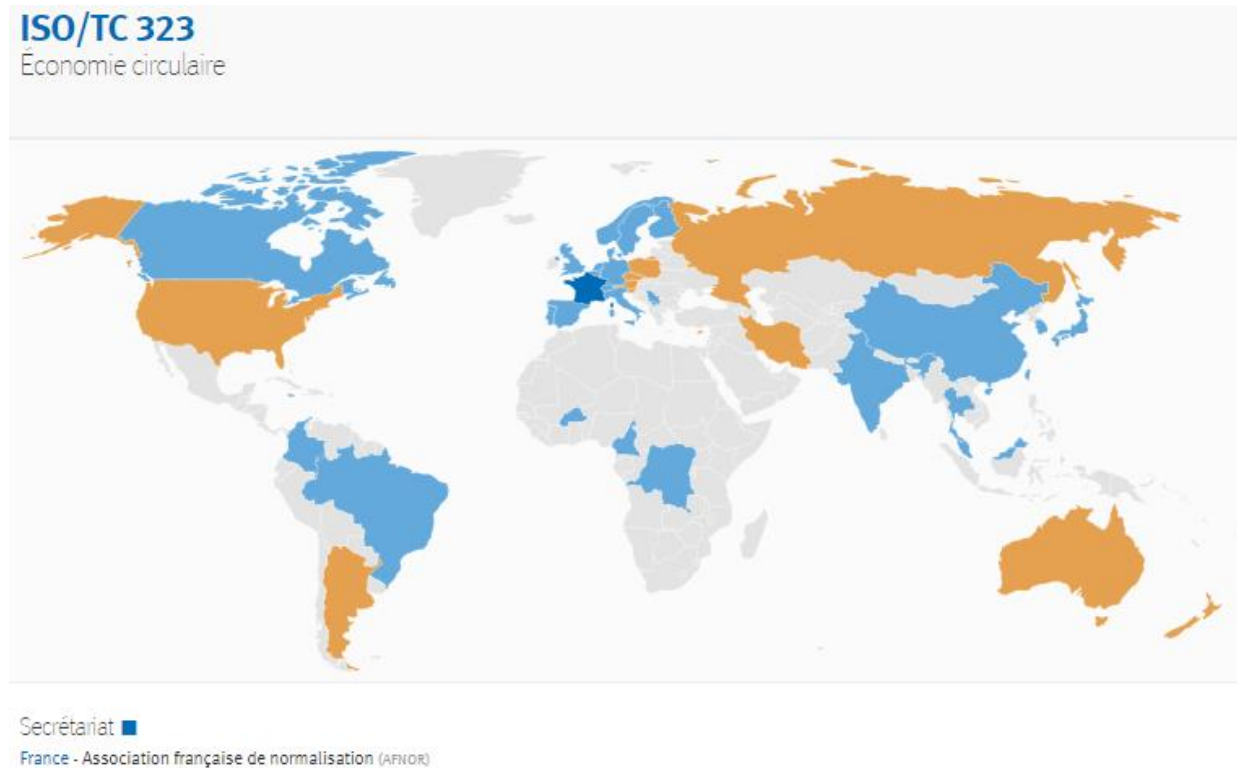
Standardization in the field of circular economy to develop requirements, frameworks, guidance and supporting tools related to the implementation of circular economy projects. The proposed deliverables will apply to any organization or group of organizations wishing to implement circular economy projects, such as commercial organizations, public services and not-for-profit organizations.

Excluded:

specification of particular aspects of circular economy already covered by existing TCs, such as eco-design, life cycle assessment in ISO/TC 207 Environmental management and sustainable procurement (ISO 20400: 2017 – Sustainable procurement — Guidance).

ISO/TC 323 PARTICIPATION

29 PARTICIPATING MEMBERS (BLUE)
11 OBSERVING MEMBERS (BROWN)



1ST MEETING : 20-22 MAY 2019 IN FRANCE

Topics to be discussed for the futur work program of ISO/TC 323

Management standards

- Management system standard
- Guidelines for implementation
- Circular Economy Business Models

Supporting tools

- Terminology
- Performance evaluation
- flow of materials in a circular value chain
- measure of the degree of circularity of products and services
- ...

Guidance on issues

- Industrial symbiosis
- Functional economy
- circular economy framework for territories and local authorities
- Waste management
- Extended Retailer Responsibility
- material recovery for the industrial sectors
- ...

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

