

**Awareness session**  
*Education about Standardization  
at the University of Luxembourg*

**University of Luxembourg (FSTC) & ILNAS Meeting**

**May 16, 2013**

## *Luxembourg's National Standards Body (OLN )*

### *Organisme Luxembourgeois de Normalisation*

#### What we do

- Set up standards and other standardization deliverables at national level
- Implement European standards at national level
- Develop partnership with Universities and Research organizations
- Facilitate SME's involvement in European and International Standardization
- Manage the National Mirror Committees (NMC)
- Grant access to standardization

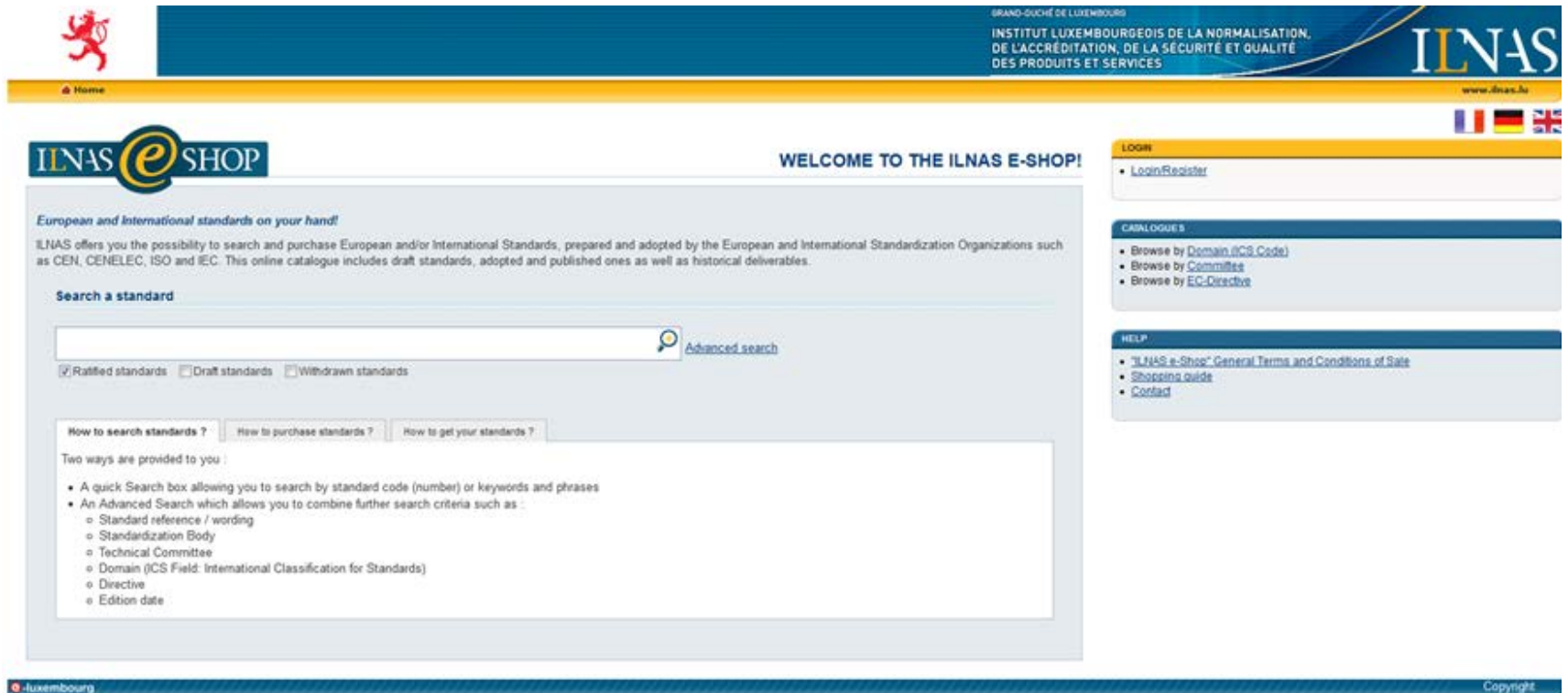
#### What we offer

- « No Pay to Play » conditions to get involved in Technical Committees (TC)
- Searching and purchasing standards *via* Internet (ILNAS e-shop)
- Free of charge consultation of standards at ILNAS premises (eLibrary)



Staff : 5 civil servants

<https://ilnas.services-publics.lu>



The screenshot shows the ILNAS e-shop homepage. At the top, there is a navigation bar with the ILNAS logo and the text "INSTITUT LUXEMBOURGEOIS DE LA NORMALISATION, DE L'ACCREDITATION, DE LA SECURITE ET QUALITE DES PRODUITS ET SERVICES". Below this is a yellow banner with the ILNAS @SHOP logo and the text "WELCOME TO THE ILNAS E-SHOP!". The main content area features a search section titled "Search a standard" with a search input field, a magnifying glass icon, and a link to "Advanced search". Below the search field are three checkboxes: "Ratified standards" (checked), "Draft standards", and "Withdrawn standards". There are also three tabs: "How to search standards?", "How to purchase standards?", and "How to get your standards?". The "How to search standards?" tab is active, showing two ways to search: a quick search box and an advanced search with criteria like standard reference, wording, standardization body, technical committee, domain (ICS Field), directive, and edition date. On the right side, there are three sections: "LOGIN" with a "Login/Register" link, "CATALOGUES" with links for "Browse by Domain (ICS Code)", "Browse by Committee", and "Browse by EC-Directive", and "HELP" with links for "ILNAS e-Shop General Terms and Conditions of Sale", "Shopping guide", and "Contact". The footer contains "Luxembourg" and "Copyright".

## *Standards and standardization: definition*

### What is a standard and what use is it?

A document established by consensus and approved by a recognized body that provides for common and repeated use, rules, guidelines or characteristics for activities or their results, aimed at the achievement of the optimum degree of order in a given context

### What is standardization?

Standardization is an activity VOLUNTARY CONSENSUS-based and conducted by interested parties and for themselves, in a spirit of openness and transparency in organizations of independent and recognized standards , leading to the adoption of standards with which compliance is done on a voluntary basis.

## *Drafting European and International Standards*

### How to make a standard ? Considerations

#### **1 – Who can propose a new standard ?**

- Everyone

#### **2 – Who writes the standard ?**

- Volunteer experts within technical committees

#### **3 – Who provides support help ?**

- National Standards Bodies

## *What are the benefits of using standards?*

### **Standards facilitate trade**

- Allowing a codification of knowledge
- Constituting an international language

### **Standards promote transparency and ethics**

- Establishing trust between the partners
- Reassuring customers about quality, compatibility, performance announced products and services

### **Standards are a source of competitiveness**

- Reflecting the state of the art
- Promoting the diffusion of innovations
- To develop a new market while benefiting from references widely recognized by all stakeholders

### **Standards assess quality and risk management evaluation**

- Guaranteeing a certain level of quality products and services, consistent over time and regardless of the geographic area
- Allowing risk and safety management

## *Organization within standardization*

OLN is Luxembourg's National Standards Body (NSB) and Committee Member to European and International Standardization Organizations

**International level**



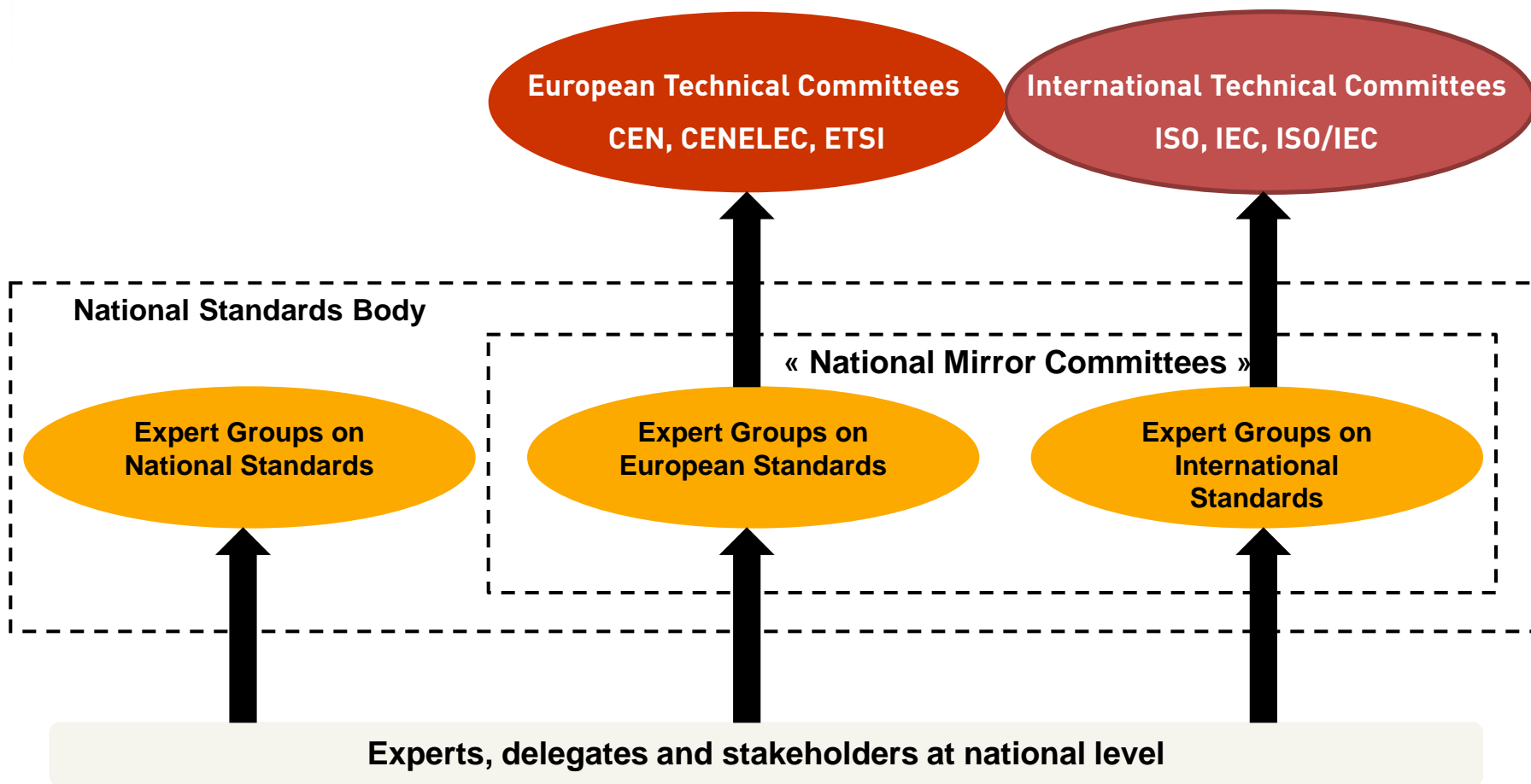
**European level**



**National level**

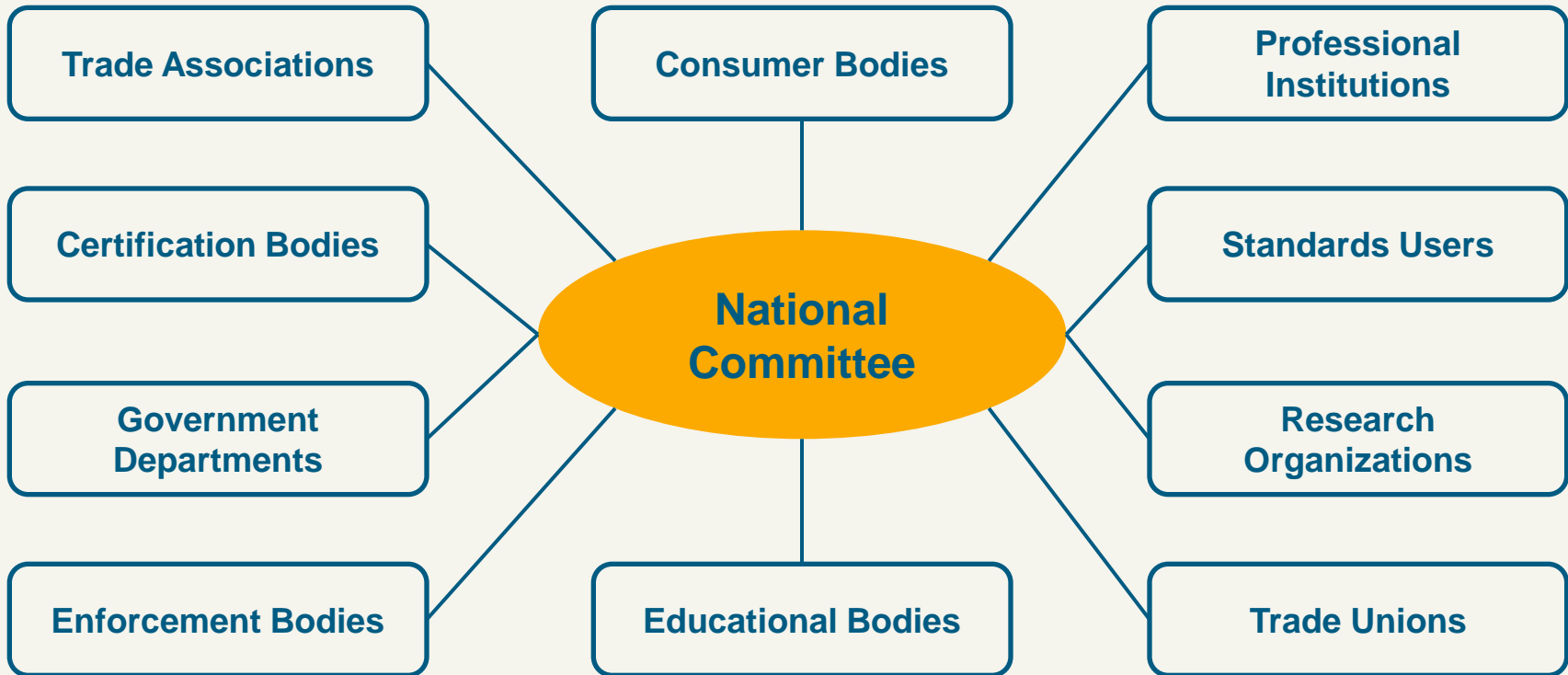


## Standardization Expert Groups



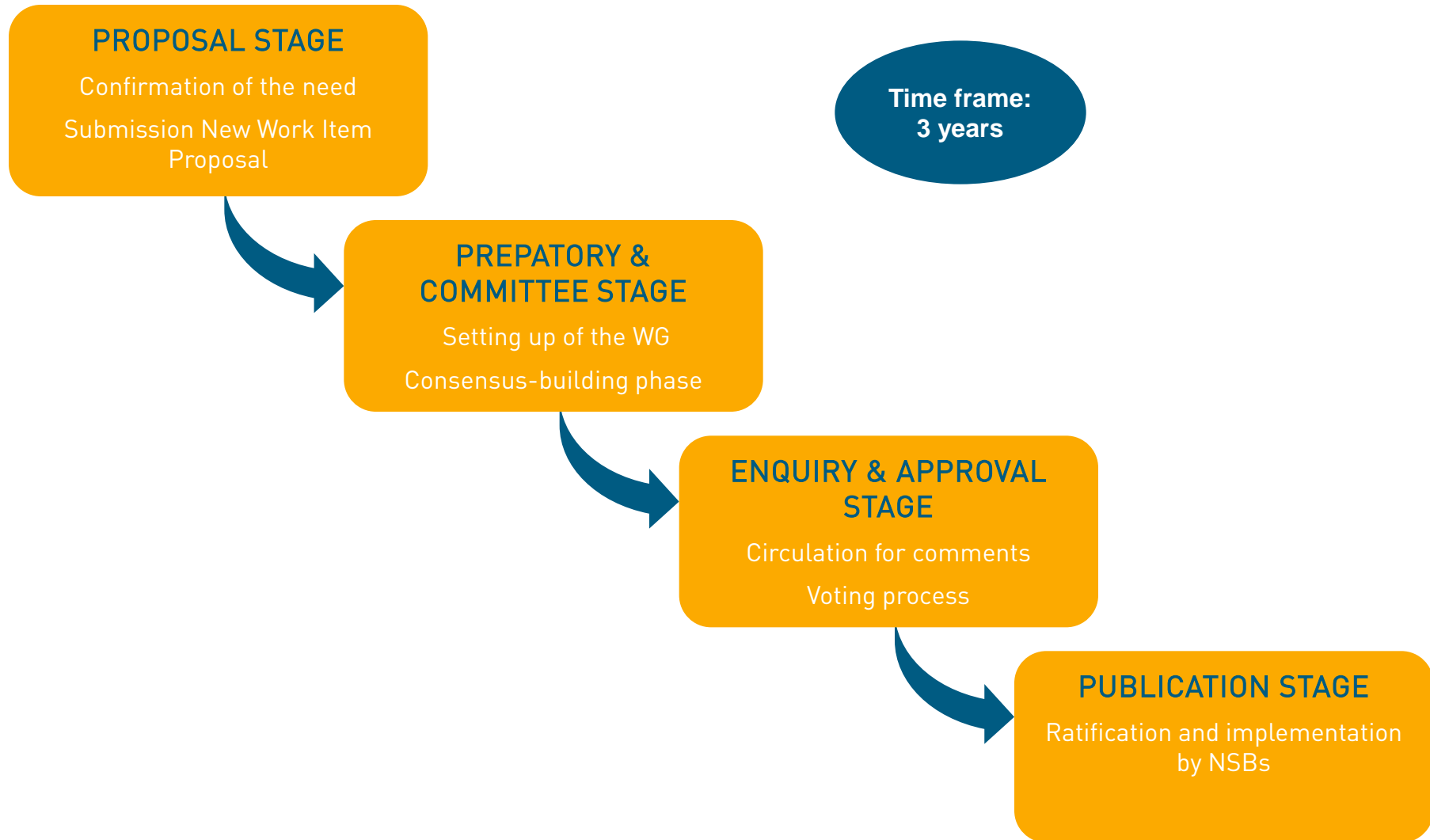


## Representation at national level



**Experts, delegates and stakeholders at national level**

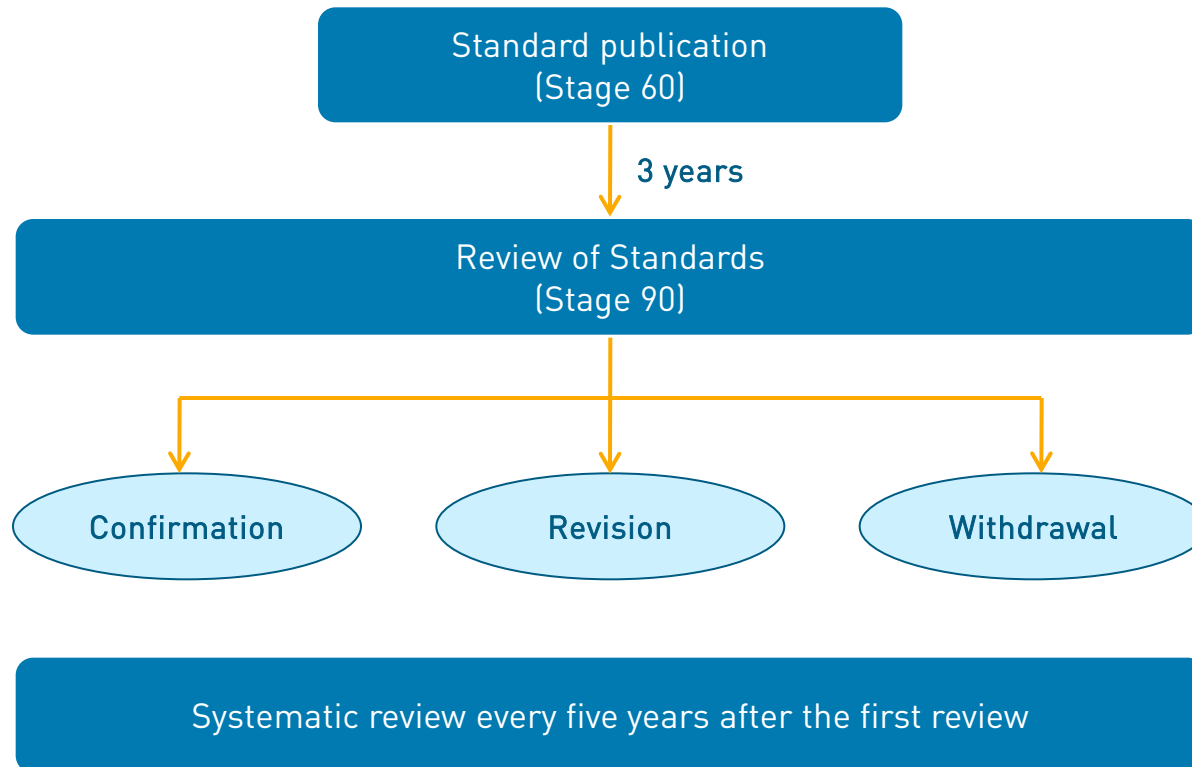
## 4 major milestones for standards development



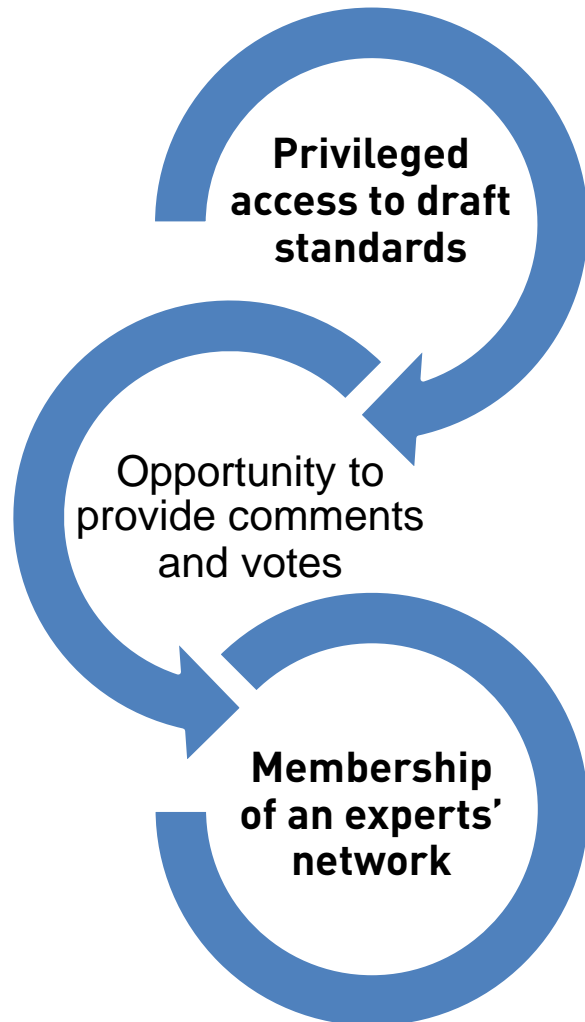
## ISO standards development process ([www.iso.org](http://www.iso.org))



## Review of Standards



## *What are the benefits to participate in standardization activities?*



- Following the development of current draft standards at real time
- Analyzing the current draft standards
- **Anticipating future rules and practices of the market**
  
- Defending your interests and your business by taking a position in the standard development process
- Disseminating and exploiting your innovations
- Demonstrating your skills as a good practice that can serve as reference in the sector
  
- Find out what your competitors are saying and their position in the European and International Meetings of a Technical Committee
- Collaborate with customers and partners to defend a common interest
- Set your business and your skills at national and international level and position it in terms of competitiveness

**For further information**

**Your standardization partner in Luxembourg**

[normalisation@ilnas.etat.lu](mailto:normalisation@ilnas.etat.lu) ; [anec@ilnas.etat.lu](mailto:anec@ilnas.etat.lu)

[www.ilnas.lu](http://www.ilnas.lu)