

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

University of Luxembourg (FSTC) & ILNAS Meeting

May 16, 2013

Luxembourg standardization strategy 2010-2020

Introduction

Goals

- Support the national economy in terms of competitiveness, performance and international visibility
- Develop a homogeneous “standardization culture” at national level
- Improve the position of Luxembourg in the European and international standardization organizations
- Launch an innovative and federative way for the national standardization process

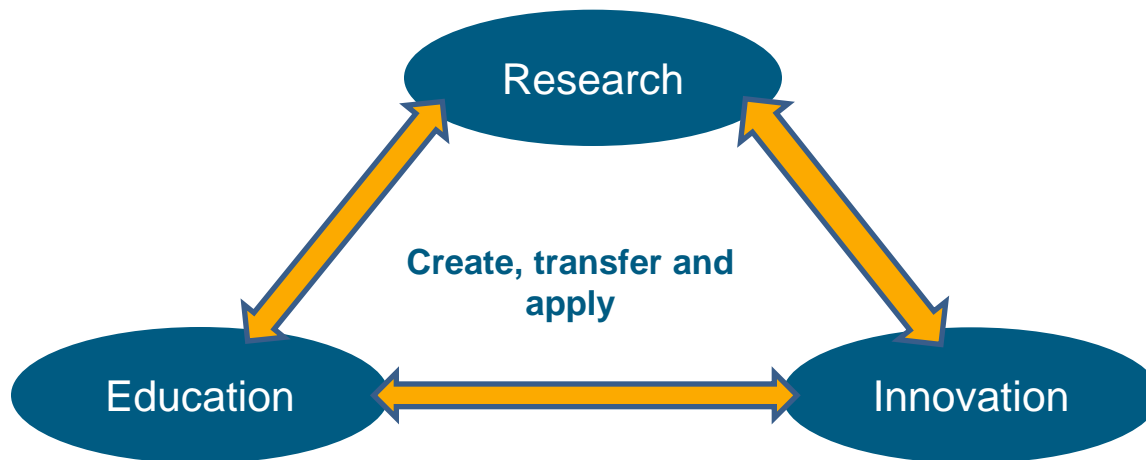
Foundations

- Pillar I: A sector-based normative approach as a support for the national economy
- Pillar II: Innovation and research development in the frame of standardization
- Pillar III: A sector-based development of the National Standardization Organization (OLN)
- Pillar IV: Standardization training and public awareness
- Pillar V: The establishment and development of the Economic Interest Grouping “Agency for Standardization and Knowledge-based Economy”

Implementation

The standardization strategy 2010-2020 is based on:

- EU 2020 Strategy and coalition agreement for government 2009-2014
- Economic approach based on the real needs identified per sector
- Guiding principle: “Setting standards means setting the market”
- Knowledge triangle



Observation after 2 years (End of 2012)

- There is virtually no culture of standardization in Luxembourg
- There is a marked lack of interest in some awareness and training activities
- In general, market involvement is weak

Challenges

- Organize standardization at national level
- Measure and evaluate business needs
- Adapt all useful services on offer

Actions to be carried out

- Develop a homogeneous culture of standardization
- Ensure the growth of various economic sectors in Luxembourg from a standard-setting perspective

Luxembourg standardization strategy 2013-2020 (update)
4 major development axes

1

Creation of standards-related education at national level

2

(Inter-) sectoral standardization approach

3

Strengthening research activities

4

Products and services in the field of standardization

1

Creation of standards-related education at national level**Organization**

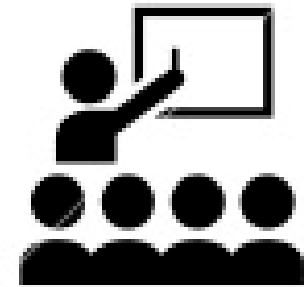
- Policy on Education about technical standardization
- Consultative committee
- Implementation plan
- Network of trainers for relaying information
- Agreements with partners
- Higher education
- Involvement at European level

Form

- Standardization
- Standard-setting bodies
- Regulations and guides
- Substantive standards-related work
- Sector-based development strategies
- Economic advantages of standardization

Content

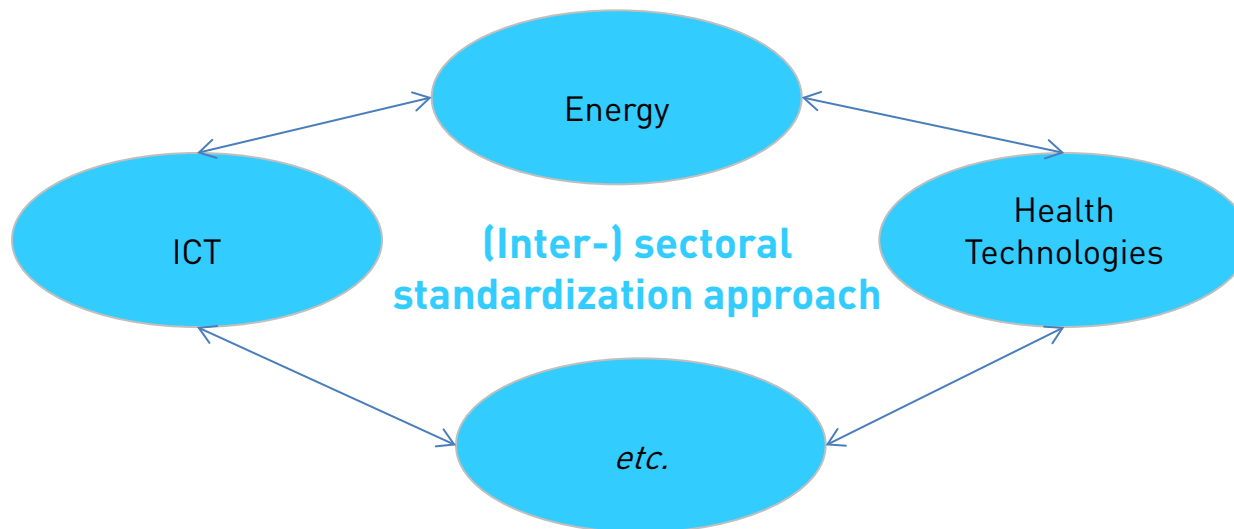
- ICT
- Energy
- Biomedical technologies
- Finance
- Construction
- *etc.*



2

(Inter-) sectoral standardization approach**Approach**

- Support "promising" sectors of economic activity
- Study: standards-related monitoring and analysis
- Awareness campaign: consultative committee, fora, working groups
- Training
- Research: scientific articles, applied PhD studies



3

Strengthening research activities**European research projects**

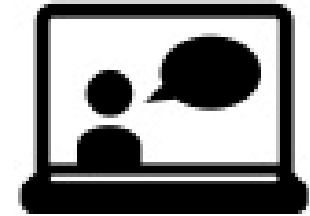
- Including standardization in FP7 projects
- Importance of standardization mentioned in "Horizon 2020"

Actions

- Draw up a standardization research strategy
- Manage the global standardization research program
- Draft research, development and innovation projects
- Participate in research, development and innovation projects
- Develop research partnerships
- Transfer of the results from research, development and innovation projects
- Monitor PhD thesis subjects
- Participate in scientific publications



4

Products and services in the field of standardization**Products and services**

- Standardization diagnostic
- Measurement of the economic benefit of standardization
- Creation of standards-related policies
- Development of training on demand
- Applied standards-related monitoring (watch)
- Support for enterprises in research projects

Luxembourg Standardization Strategy 2013-2020 (update) Conclusion

This update of the national standardization strategy published in January 2013 is to:

- Develop a standardization culture in Luxembourg
- Effectively develop standards-related education at a national level
- Guarantee a standards-related development in line with the market needs
- Develop applied research activities in line with standardization
- Propose standards-related products and services in line with national economic needs

For further information

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