



**Awareness session**

*Education about Standardization  
at the University of Luxembourg*

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

**May 16, 2013**

## *Policy on Education about standardization 2013-2020*

### *Introduction*

#### Goals

- To ensure the development of a unified technical standardization culture in Luxembourg
- To achieve and guarantee a societal, national “anchorage” of this issue by 2020

#### Foundations

- ILNAS acts directly as the national body for promoting standards-related education
- ILNAS is structuring standards-related education in conjunction with institutions and bodies involved in this area and in the respect of:
  - the specifications of the 2009-2014 government program
  - the various European Union recommendations
- ILNAS has chosen to base its activity on « the Masterplan on Education about Standardization » document guidelines, developed by the European standardization organizations CEN, CENELEC and ETSI

*Policy on Education about standardization 2013-2020*  
*4 lead projects*

1

**Defining a national implementation plan for standards-related education**

2

**Producing a basic tool: a continuous standards-training catalogue**

3

**Implementing a national flagship Master project in standardization**

4

**Representation within European and International entities**

## 1

## Defining a national implementation plan for standards-related education

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### Organization

- Related to the framework proposed by the “Masterplan on Education about Standardization”

### Aim

- To build standards-related education, for all, from the youngest age until higher university education

### Priorities

- To develop standards-related education in secondary schools
- To integrate courses dedicated to the subject in existing university courses

## 2

**Producing a basic tool: a continuous standards-training catalogue****Organization**

- Divided into awareness sessions and trainings dedicated to standardization
- In line with the (inter-) sectoral standardization approach

**The development of standards-related education will apply to :****Form**

- Standard-setting bodies
- Regulations and guides
- Economic advantages of standardization
- *etc.*

**Content**

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

## 3

**Implementing a national flagship Master project in standardization****Aim**

- To create a higher education Master program focused on “Entrepreneurship and Standardization”, specializing in ICT

**Priorities**

- To train students and employees on standardization
- To encourage them to invest in the standardization activities within technical committees
- To encourage the development of research projects (particularly as part of the EU framework “Horizon 2020”)
- To ensure a certain level of competitiveness and innovation for national enterprises

## 4

## Representation within European and International entities

### Involvement of ANEC Standardization within various educational structures dedicated to standardization at European and international levels, such as:

- *Joint Working Group Education about Standardization* of CEN, CENELEC, ETSI (JWG-EaS)
- *European Academy for Standardization* (EURAS)
- *Working Group on Education* of the *International Federation of Standards Users* (IFAN)

in order to facilitate the implementation, at national level, of good practices developed in this respect

## *Policy on Education about standardization 2013-2020*

### *Conclusion*

#### The national policy published in May 2013 should enable:

- To establish a societal standardization “anchorage” in Luxembourg
- To develop a national flagship Master project in the domain of standardization
- To provide awareness sessions and trainings on standardization according to the market needs
- To develop research activities related to education about standardization



**For further information**

**Your standardization partner in Luxembourg**

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