

IMPORTANCE OF EDUCATION ON STANDARDIZATION PERSPECTIVE FROM THE WP.6 INITIATIVE ON EDUCATION ABOUT STANDARDIZATION

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Outline

1. Importance of standardization – needs for education
2. UNECE WP.6 Initiative on education about standardization
3. Perspective of WP.6 START-ED Initiative on education on standardization

Working Party on Regulatory Cooperation and Standardization Policies (WP.6) START-Ed Initiative

UNECE Initiative on Education on Standardisation

- Recommendation „I“ on “Education on standards-related issues”, 2012, available at UNECE website
- Model programme on education on standardization
- Library on teaching standardization and the development of teaching materials: **UNECE LearnQI Platform**

Education on standardization for different target groups

Traditional approach

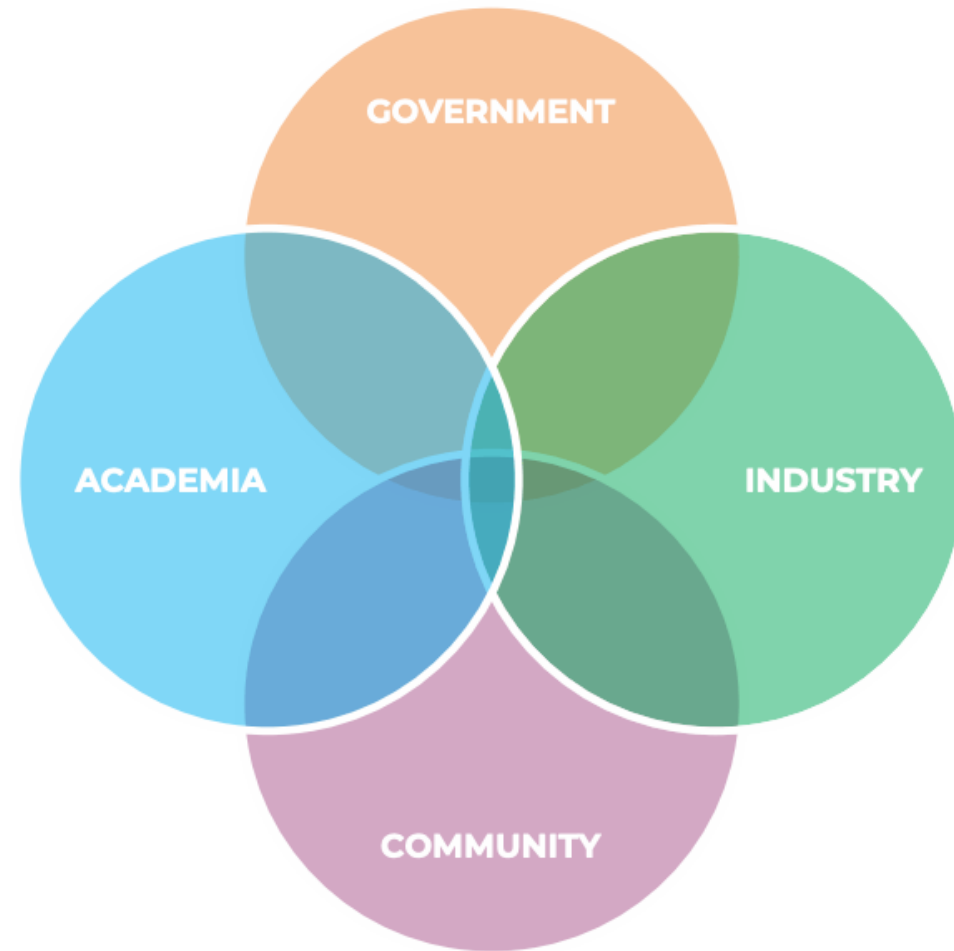
- Technical students
- Standards professionals (standards-setters)
- Engineers (standards-practitioners)

Innovative approach

- Non-technical students
- Managers
- Experts/Professionals/Activists from civil society

Education on
standardization
for different
target groups

Quadruple helix innovation ecosystem model



Recommendation „I“ on “Education on standards-related issues”

After discussions, the WP.6 revised Recommendation “I” stressing the importance of promoting and teaching standardization through elaborating coordinated approaches and building on existing national best practices.

In 2012 a – START-Ed Initiative– representing academia was established.

During consecutive years the START-Ed Team organized experience exchange among universities on teaching standards

The UNECE “Model Programme on Education on Standardization”

To provide guidelines for education about standardization.

The programme aims at mainstreaming operational awarenesss in a wide variety of academic programmes at university level.

It does **not** aim at providing specialized in-depth training on standardization.

The major topics are grouped into 16 modules and the programme can be used as a self-standing full-fledged course.

Alternatively, separate modules can be used for training on specific subjects (SDGs, Gender-responsive standards etc.)

The UNECE “Model Programme on Education on Standardization”

Modules (on the benefits of standardization; standards in the WTO context and on quality management systems) are freely available to any university which is interested in teaching standards.

In 2022, several of these modules were used as the basis for the WP.6 e-learning platform, <https://learnqi.unece.org>

Introduction to Risk Management

Introduction to Market Surveillance

Gender-Responsive Standards

Introduction to Conformity Assessment

Providing human
capital for
standards
infrastructure of
tomorrow:
Adapting
teaching to life

- START-ED Teams (since 2012) information and methodological support.
- Library on teaching standardization and the development of teaching materials
- Interdisciplinary and Multidisciplinary Approaches are Inevitable for the Successful Adoption of Teaching to Life.

Initiatives on Education about Standardization



Standards Education Organised by Individual Universities

3 main joined areas of academic activities at universities:

- Teaching and educational activities
- Research – basic and applied
- Cooperation with non-academic professionals, governmental, national and international bodies with the impact of the universities on the non-academic environment and society as a whole

Widening Target Groups for Education on Standardization

For a smoother SDGs achievement, the target groups for standardization courses

- Uni students
- Standards professionals (standards-setters)
- Engineers (standards-practitioners)
- Managers for SDGs (standards-managers)

and

- Experts/Professionals/Activists from civil society

Educational Institutions in cooperation with other stakeholders should provide the channels to deliver these specific skills to wider population, largely affected by different areas of standardization.

The increasing role of national and international standardization organizations in the field of education about standardization

Discussion and the way forward

- Development of professional networks - a focal point network of experts
- Strengths and weaknesses of standards education
- Establishment of a consortium of experts representing various areas of standardization
- What composition of each type of course?
- Development of cooperation between educational institutions
- Development of regional information centers, depositories of literature, databases
- Development of multi-country research centers
- Cooperation between disciplines – an interdisciplinary and multidisciplinary approach

«Bringing standards
to supply chain
experts»

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Thank you for your attention

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