

**Ad Hoc Team of
Specialists on
Standardization and
Regulatory Techniques
(START)**

Agenda Item 6

Document reference:

ECE/CTCS/WP.6/2022/7

ECE/CTCS/WP.6/2022/INF.4

**Working Party
on Regulatory Cooperation
and Standardization Policies**





- Annual session meeting: 7 June 2022
- Elections
 - Chair: Serguei Kouzmine
 - EEE Initiative: Frank Lienesch
 - Pipeline Initiative: Roman Samsonov
 - Education Initiative: Serguei Kouzmine



- Update of the Common Regulatory Arrangement on EEE
 - Document ECE/CTCS/WP.6/2022/INF.4
- Activities in 2022 still very disrupted by the COVID-19 Pandemic
- Future activities
 - Checking the pertinence of the CRA-EEE in light of continued climate change and energy transition
 - Also an interest in work around green hydrogen



- Current CRO on Pipeline Security remains relevant
- Future activities:
 - Transboundary pipelines for the transport of hydrogen

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Initiative on Education on Standardization (START-Ed)

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Document reference:
[ECE/CTCS/WP.6/2022/7](#)



Outline



1. History of WP6 Project on Education about Standardization (START-Ed)
2. Latest Activities under START-Ed in 2022
3. The Perspective of Incorporating Sustainability Aspects in Education about Standardization
4. Teaching Standards – Experience in Slovakia
5. Teaching New Module – Suggestions

UNECE Initiatives on Education about Standardization (START-ED)



- Recommendation „I“ on “Education on standards-related issues”, 2012, available at https://www.unece.org/fileadmin/DAM/trade/wp6/Recommendations/Rec_I.pdf

recommends Governments to include standards in educational curricula for not only engineers but also economists, lawyers, managers, etc.

- Model programmes on education about standardization

UNECE Model programme (15 modules) – professors can start their own programmes

- Library on teaching standardization and the development of teaching materials

teaching materials – help to students and professors

New Activities in 2022



- Proposal on the network of focal points (document No. 7, Annex 1)
- New Module on global sustainability challenges to make students aware of the latest developments:
(standards ISO 14090:2019/ ISO 14091:2021 on adaptation to climate change, ISO TC 322 sustainable finance, and ISO TC 323 circular economy)

Both projects – positive support from experts

- The module can be incorporated into the ECE programme or can be used as a framework for a fully pledged ecological programme

WP6 is requested to endorse ToRs for the network and new Module

Growing Importance of Standardization in SDGs – Challenge for Multidisciplinary Education



	GOAL	OCTOBER 2022
GOAL 1	NO POVERTY	366
GOAL 2	ZERO HUNGER	565
GOAL 3	GOOD HEALTH AND WELL-BEING	3 233
GOAL 4	QUALITY EDUCATION	572
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GOAL 7	AFFORDABLE AND CLEAN ENERGY	963
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GOAL 10	REDUCED INEQUALITIES	580
GOAL 11	SUSTAINABLE CITIES AND COMMUNITIES	2 556
GOAL 12	RESPONSIBLE CONSUMPTION AND PRODUCTION	2 880
GOAL 13	CLIMATE ACTION	1 245
GOAL 14	LIFE BELOW WATER	331
GOAL 15	LIFE ON LAND	1 128
GOAL 16	PEACE, JUSTICE AND STRONG INSTITUTIONS	192
GOAL 17	PARTNERSHIPS	2

Sources:

<https://www.un.org/sustainabledevelopment/sustainable-development-goals/>; www.iso.org

UNECE Modules as Stimulus for the Course on Standardization at Matej Bel University in Banska Bystrica, Slovakia



- Challenges and needs of the current dynamic development of the economy and society
- Consultations and communication within the WP.6 group and START-Ed team
- Consultations and communication within the EURAS (European Academy for Standardization) community
- Cooperation with the Slovak national standardization body - the Slovak Office of Standards, Metrology and Testing

The UNECE model programme - as an impulse for the preparation of the course «Standardization and International Standards» and remains important for the course development answering new challenges of SDGs.

MBU Course „Standardization and International Standards“



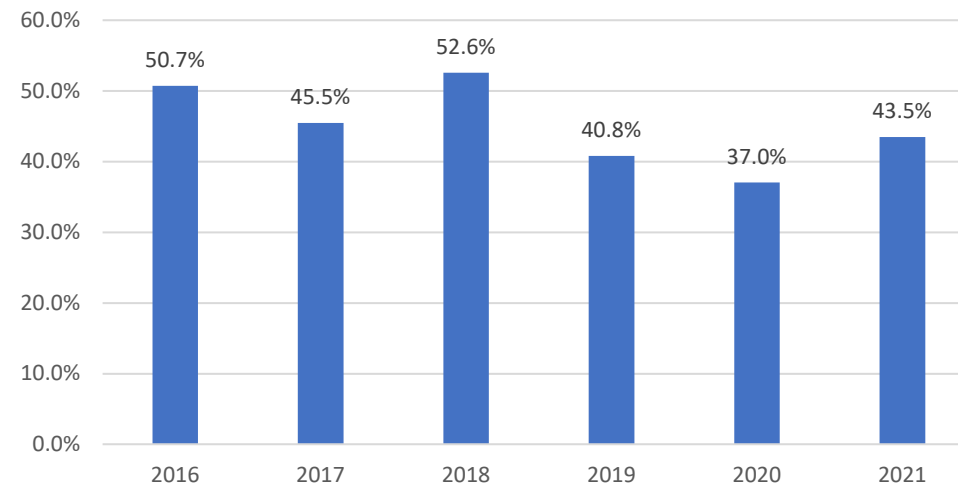
Target group

- In total: 178 students from 2016
- 20-42 students / year
- Compulsory elective course for **master degree** students, study program: Finance, banking and investment

Course methodology

- 3h per week, 39 h per semester – theoretical and conceptual framework, application framework: case studies
- Individual case study developed by students: Challenge-based learning principle

The proportion of study program students opting for the new course



Chosen Aspects of the New Module (on Standards-related Environmental Issues)



- The topic is important and interdisciplinary.
- The structure of the course depends on the purpose and educational level of the participants.
- The draft is giving a space for different alternatives.
- Several lines of effective implementation of the module using multi and interdisciplinary approaches in teaching standards:
 - *as a specific topic/lecture in the existing general courses;*
 - *as a full specific course;*
 - *as a course/workshop for postgraduates;*
 - *as a course/workshop for the representatives of the third sector, NGOs, initiatives, and voluntaries who are playing an active role and have an impact on the society in the achievement of the SDGs.*

Discussion and the Way Forward?



- Explore labour market requirements regarding new skills and competences of graduates in relation to standardization
- Enhance cooperation with WP.6 subgroups to develop teaching material which could be used under the START-Ed initiative and under the subgroups
- Further develop e-learning courses which reflect the model curricula proposed by START-Ed
- Promote the implementation of the new module on environmental issues (pending the approval of this module by the annual session within the START report)
- Start creating the network of educational focal points (pending the approval of the terms of reference of this network by the annual session within the START report)

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- Proposed decisions:

- The Working Party adopts the report on the sectorial initiatives in document ECE/CTCS/WP.6/2022/7. It endorses the START-Ed Focal Point Network terms of reference (in annex I) as well as the new module on standards-related environmental issues (in annex II). It requests the Ad Hoc Team of Specialists on Standardization and Regulatory Techniques (START) and the Initiative on Education on Standardization (START-Ed) to continue to report on an annual basis on these activities. (Decision 7)
- The Working Party takes note of the updated Common Regulatory Framework for Equipment Used in Environments with an Explosive Atmosphere (ECE/CTCS/WP.6/2022/INF.4). (Decision 8)

Working Party on Regulatory Cooperation and Standardization Policies



Merci ありがとうございました Hvala Ačiū
شكرا جزيلا Mahalo Дякую Teşekkür ederim
Рахмат Dankon ඔබට ස්තූතියි Sagbol Ευχαριστώ
Tack Çox sağ ol Dziękuję Ci Obrigado
მადლობთ תודה 감사합니다 धन्यवाद Dankon
Natur nuhun Баярлалаа Хвала вам Dankon
Tak skal du have Diolch
Спасибо Go raibh maith agat Faleminderit Paldies
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Grazie Mulțumesc Ačiū Благодаря ти Danke
Gracias 谢谢 សូមអរគុណ Takk skal du ha
Salamat Aitäh Dankie Þakka þér fyrir
Ви благодарам Dėkuji Köszönöm Дзякуй
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Kiitos

Thank you

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UNECE – Working Party 6

9 November 2022, Geneva