UNECE: education on standardization

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50 - 80% of World Trade
is between UNECE Member States
(55 Member States, Europe, N. America, CIS)
Standards at UNECE

- Regulatory cooperation and standardization policies (WP6)
- Trade facilitation and e-business (UN/CEFACT)
- Quality standards on agricultural produce (WP.7)
- Regulations on the construction of vehicles (WP.29)
- Transport of dangerous goods, ...

**Working Party on Regulatory Cooperation and Standardization Policies (Working Party 6)**

**UN Centre for Trade Facilitation and Electronic Business (UNCEFACT)**
What we are:
• Intergovernmental body
• Participation by: authorities, regional & int’l org, standards-setting bodies, business, certification bodies, test houses, civil society
• From all UN Member States
• 1970 – 2010: 40+ years

Our mandate:
• Forum for dialogue on: Standardization ✓ Technical regulations ✓ Conformity assessment ✓ Accreditation ✓ Metrology ✓ Market surveillance

Our activities
• Share info & best practice
• Capacity-building
• Develop and maintain a set of recommendations
• Implement a set of initiatives on specific industrial sectors
1970:
- Adoption of Recommendation “I”
- Governments encouraged to include standardization in the curricula of educational institutions

2012:
- More than 40 years passed; revised Rec. “I” adopted
- Few institutions have standards in the curriculum
- Very different educational approaches

Several other institutions have launched initiatives
- CEN/CENELEC/ETSI Working Group
- ISO/IEC/ITU work with academia, repository of learning materials
Recommendation I

Governments should encourage:

(a) the introduction of the subject of standardization into the curricula of educational establishments and particularly of universities for students majoring in technical and scientific subjects, as well as in legal, economic and management studies;

(b) the vocational education and training of specialists in standardization, including staff of authorities responsible for trade and customs, also using the expertise and training materials available in national, regional and international institutions (i.e. standards-setting bodies, conformity assessment and accreditation institutions, metrological institutions...)

(c) the enhancement of awareness-raising activities targeted to the business community and regulatory authorities ....

(d) the further study of standardization issues in order to identify best practices in ensuring that standardization and regulatory regimes contribute to meeting the legitimate concerns of society (e.g. human safety, environment) without creating unnecessary technical barriers to trade.”
1. Standardization basics
2. Benefits of standardization for society
3. Standardization and companies
4. National legal and institutional framework
5. Regulatory policies and related institutional mechanisms
6. Managing risks through standards, regulations and regulatory impact assessments (RIAs)
7. Metrology
8. Conformity assessment
9. Market surveillance
10. Management system standards
11. International standardization
12. International trade, standards and regulations
13. Standardization of information requirements and supply chains
14. A practical exercise: Standardization within a company
15. Policy issues and challenges in standardization
Further work on education issues

- Promotion of the revised recommendation «I»
- Further work on the UNECE model programme
- Repository of programmes and information materials
- E-learning modules preparation
- New areas for donors and education projects
for further information

“Education on standardization” webpage on UNECE website:


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