

# WP.6 Sectoral Initiatives

Item 6 of the Provisional Agenda



REGULATORY COOPERATION  
AND STANDARDIZATION POLICIES



# Regulatory cooperation



- 1999 → Ad Hoc Team of Specialists on Standardization And Regulatory Techniques (START)
- 2001/2015 → *Recommendation L on International Model for Transnational Regulatory Cooperation Based on Good Regulatory Practice*
- Technical Harmonization through elaborating “Common Regulatory Objectives” (CRO) for the safety of a product

# Sectoral initiative on earth-moving machinery



- Established 2003
- Implementation of EMM through the adoption of ISO TC 237, IS 20474:2008
- Common Regulatory Objectives (CRO) developed in 2004; revised in 2009
- Revision of CROs from supplier declaration to third party
- 2010 → model certificate of conformity
- 2015 → certification challenges for EMM replacement parts
- 2016 → contribution to ISO TC 127 best practices
- 2021 → virtual consultations
- 2022+ → future geography of activities: Gulf region

# Sectoral initiative on equipment for explosive environment



- Established 2008
- 2011 → *Common Regulatory Framework for Equipment Used in Environments with an Explosive Atmosphere (ECE/TRADE/391)*
  - Based on IECEx
- 2012-2018 → Multiple joint ECE and IECEx activities
- 2018 → latest revision of Common Regulatory Arrangements (CRA)
- 2020 Dec / Jan 2021 → Workshop on proficiency testing of electrical equipment for explosive environment
- 2021 Feb → Workshop for regulatory authorities on CRAs

# Sectoral initiative on the safety of pipelines



- Established 2009
- 2018 → hydrogen and liquefied natural gas
- 2021 → virtual consultations
- 2022+ → analysis of US legislation

# Sectorial initiative on cybersecurity



- Proposed: 2017
- 2019 → Proposal for a common regulatory framework approved
- Building upon existing international standards such as IEC 62443 series and ISO/IEC 27000 series
- 2018/2019 → consultation with Group on Risk Management in Regulatory Systems (WP.6 GRM)

# Common Regulatory Framework

## Principles



- Proposal approved: 2019
- Systematic methodology
- Modelling the technical system / requirements gap analysis
- Risk identification (plus conformity assessment and market surveillance)
- Life-cycle approach (technical system inspection, maintenance, repair, upgrade, etc.)
- Essential elements of regulatory processes for authorities
- Identification of standards to be referenced by regulators
- What next?

# Education on standardization initiative



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- 2012 → workshop during the 22<sup>nd</sup> Annual Session
- 2012 → establishment of the START Ed initiative
- 2019 → panel discussion during 29<sup>th</sup> session
- 1970 / 2012 → *Recommendation I on Education on Standards-Related Issues*
  - the introduction by educational establishments 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;
  - the vocational education and training of specialists in standardization;
  - the enhancement of awareness-raising activities targeted to the business community and regulatory authorities (in particular, trade and customs officials);
  - 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.
- Model educational programme on standardization (15 modules)



# Education on standardization initiative

Meeting on 23 November 2021



- education on standardization – support to professors
- access to standards (Czech initiative)
- ecological matters, ecological indicators for companies
- gender/social responsibilities issues
- circular economy

***UNECE invites interested educational institutions /delegates to join education on standardization project***

# Thank you!

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**UNECE WP.6**

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## REGULATORY COOPERATION AND STANDARDIZATION POLICIES



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