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
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)
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

- 2012 → workshop during the 22nd Annual Session
- 2012 → establishment of the START Ed initiative
- 2019 → panel discussion during 29th 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!

Dr. Serguei Kouzmine
Acting Chairman, START Ad-hoc Team

UNECE WP.6
25 November 2021, Geneva