Mr. Kristof Schockaert
Chair, Inland Transport Committee

UNECE EXECUTIVE COMMITTEE
105th Meeting, Geneva, 29 May 2019
81st ITC Plenary: A turning point - I

Ministers from Africa, Asia, Europe and the Middle East

400 participants from 75 countries

High-profile speakers

Current and innovative transport

Ministerial Resolution on transport automation and digitalization

Cutting-edge side events and demos
81st ITC Plenary: A turning point - II
Adoption of ITC strategy and ITC ToRs
ITC – the UN Platform for Inland Transport

Results in 2018

59 conventions, 1754 Contracting Parties

Goal: a universally harmonized inland transport system
Worldwide impacts

- Annually, 89% of all new cars, trucks and buses and 53% of all new motorcycles globally, comply with UN Regulations or UN GTRs
- On the basis of the CMR convention, 150 to 200 million consignment notes are issued annually in Europe alone for international trips
- Green Cards are used by over 450 million vehicles in Europe, Central Asia, North Africa and the Middle East
- 129 countries have issued millions of International Driving Permits
- About 12 million passenger and cargo transporting vehicles use tachographs in the UNECE region except North America
- 33,845 transport companies are authorized to use TIR globally
- More than 82 billion tonne-kilometres of dangerous goods were carried in 2017 subject to ADR provisions in EU member states alone
Top regulatory priorities:

- Automated driving issues and possible amendments of key conventions
- Full implementation of the e-TIR system and the rapid entry into force of Annex 11 to TIR Convention
- Operationalizing eCMR
- Implementing Rev.3 of 1958 Agreement:
  - International Whole Vehicle Type Approval (IWVTA) & Database for the Exchange of Type Approvals (DETA)
- Progress with Unified Railway Law
ITC – the UN Platform for Inland Transport
360 degree approach to Road Safety

- Establishment and operationalization of the United Nations Road Safety Trust Fund
- Adoption of General Assembly Resolution 72/271 on Road Safety
- Road Safety Performance Reviews
- Amendments to the UN road safety conventions and new vehicle regulations
- Adoption of WP.1 Resolution on the deployment of highly and fully automated vehicles in road traffic
ITC – the UN Platform for Inland Transport Regulatory centre: Vehicle Regulations

Implementation of 2018 ITC Decision

ITC Decision No. 19 of 2018

- In 2019, the importance of WP.23 activities related to automated/autonomous vehicles, increased WP.23 to consider establishing of a dedicated subsidiary Working Party ("OWP") - WP.23, connected GRPF into CERVA, the Working Party on Automated/Autonomous and Connected Vehicles at the June 2019 session.

Vehicle Regulatory Framework

(INLAND TRANSPORT COMMITTEE)

1958 Agreement

- Three new United Nations vehicle regulations, aimed at improving vehicle safety and environmental performance entered into force in 2018:
  - UN Regulation No. 0 on International Whole Vehicle Type Approval,
  - UN Regulation No. 34 on Accident Emergency Cell Systems: uniform provisions concerning the approval of emergency call devices and motor vehicles with regard to the installation of these systems,
  - UN Regulation No. 145 on ISO150 (anchorage systems, ISO150 to further anchorage and size seating positions separate) and UN137 (vehicle anchorage provisions in UN Regulation No. 14) for facilitating the implementation of the International Whole Vehicle Type Approval.

- WP.29 adopted two new UN Regulations in 2018:
  - on hydrogen and fuel cells of category L
  - on mechanical coupling components of combinations of agricultural vehicles

- Existing UN Regulations were updated by 100 amendments, which adapt the regulations to the most recent technological innovations and introduce more stringent limits aimed at increasing both the safety and environmental performance of vehicles.

2018 Policy dialogue

2018 Results per area of work

2018 Results analytical work

2018 Results Performance indicators

Decisions Commission/EXCOM

2018 Results

Implementing Rev.3 of 1958 Agreement:

- International Whole Vehicle Type Approval (IWVTA) &
- Database for the Exchange of Type Approvals (DETA)

2018 Plenary Session

ITC 81st Plenary Session

2018 Policy dialogue

2018 Results per area of work

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2018 Results

Vehicle Regulatory Framework

(INLAND TRANSPORT COMMITTEE)

1992 Agreement

- Proposal for amendments to the 1992 Agreement introducing certain definitions, the possibility for electronic international inspection certification and procedures in the conduct of periodic technical inspections, were notified by the Office of Legal Affairs.

- In 2018 amendments to provisions for periodic technical inspections on environmental related elements (Rule No. 1) and on the modifications (Rule No. 3) entered into force, extending the scope to passenger cars and small vans, introducing three risk categories of defects and assessment criteria for each of the test items as well as further test items for electronic controlled safety systems.

- Two new UN Rules were adopted by the Administrative Committee of the 1992 Agreement (AC.4) and established as annexed to the 1997 Agreement.

- UN Rule No. 4 sets out uniform provisions for periodic technical inspections of trucks and buses of the category L (buses) and/or interurban coaches (ex G6) in the propulsion system with regard to their roadworthiness.

- UN Rule No. 4 establishes uniform provisions for periodic technical inspections of cars and vans of the category L (buses and/or interurban coaches (ex G6)) in propulsion systems with regard to their roadworthiness.

- UN Rule No. 4 establishes uniform provisions for periodic technical inspections of forklifts and hybrid electric propulsion systems with regard to their roadworthiness.

2018 Policy dialogue

2018 Results per area of work

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Decisions Commission/EXCOM

2018 Results

Vehicle Regulatory Framework

(INLAND TRANSPORT COMMITTEE)

1980 Agreement

- In 2018 WP.29 adopted several years of work on new Global Technical Regulations UN GTR 2018.

- UN Regulation No. 0 on international Whole Vehicle Type Approval.

- For UN Regulation No. 20 on electric vehicles safety, developed in the March 2014 edition of WP.29, in 2018 UN Regulation No. 20 on electric vehicles safety was adopted in the March 2014 edition of WP.29, and introduced a number of amendments that will address the challenges related to electric vehicles.

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- In June 2018 the development and a new UN GTR on electric vehicle safety entered into force. The new UN GTR, based on harmonized technical regulation, will address the challenges related to electric vehicles and support significant economies of scale across the automotive sector.
• Global expansion of the TIR Convention continued unabated in 2018: accessions of Argentina, Qatar and Saudi-Arabia to the TIR;

• A new module of the International TIR Data Bank (ITDB) with a repository of customs offices launched in May 2018

• The customs administrations of Azerbaijan, Georgia, Kazakhstan and Ukraine confirmed their willingness to take part in an eTIR intermodal project between their countries;

• ITC adopted at its 81st session the text of a new Convention on passenger transport by rail, the 59th Convention under the purview of the ITC.
ITC – the UN Platform for Inland Transport
Regulatory centre: Transport of dangerous goods

Working Party on the Transport of Dangerous Goods
Past year’s achievements: Results

- Adoption of a set of amendments to ADR that entered into force on 1 January 2019
  - e.g. new provisions on vehicles powered by cleaner fuels (such as liquefied or compressed natural gas);
- New ADR Edition (2019);
- Accession of Nigeria to ADR;
- Accession of Tunisia to the Protocol amending Article 1 (a), Article 14 (1) and Article 14 (3) of the ADR.

Working Party on the Transport of Dangerous Goods
Contribution to ITC Strategy until 2030

- Enhancing the role of ITC as the UN Platform for inland transport conventions, by strengthening promotion of accession by non-ECE member States to the United Nations legal instruments on inland transport administered by ECE
  - COP to amend the title of the Agreement to facilitate accession from non-ECE countries.
- Special priority of global interest: Further promotion of ADR as one of the main UNECE legal instruments contributing to the improvement of road safety, as a follow up to Resolution ARES(72)271 of the General Assembly on improving global road safety;
  - Continue to support Contracting Parties in developing, improving and sustaining their national road safety systems;
- Continue to promote accession and effective implementation of the ADR;
- Sharing of experience/information among Contracting Parties.
- Continue to develop provisions to ensure high level of safety during road transport of dangerous goods;
- Ensure that the ADR provisions are keeping pace with cutting-edge technologies driving transport innovations (e.g. considering use of electric and hybrid electric vehicles for the transport of dangerous goods).

Achievements 2018

- Adoption of a new set of harmonized provisions to be implemented worldwide by 2021, addressing e.g.:
  - Safe transport of explosives, lithium batteries, infectious substances or chemicals under pressure, etc
  - Use of non-animal testing methods for classification of chemicals
- Worldwide harmonised regulations
  - Same level of protection of people/environment
  - Transport and trade facilitation
  - No duplication of work at national level
  - Consistency of national legislation with international standards

ECOSOC Committee of experts on the
TDG and on the GHS

Work of the ECOSOC Committee of Experts on
TDG and GHS
Geographical impact GHS

- More than 70 countries worldwide
Activities related to the ATP agreement and the work of WP.11:

- Organisation of a round table during the 2018 session of WP.11 (8 October 2018) to discuss ways to improving the work of WP.11
- Resulted in sharp increase of amendments to ATP to be notified to Contracting Parties for final acceptance
- Among them, a **key milestone**: provisions adopted for replacement of fluorinated gases (F-gases) for other refrigerants with lower Global Warming Potential (GWP)
ITC – the UN Platform for Inland Transport
Regulatory centre: Rail transport

• The Group of Experts on Unified Railway Law during 2018 continued to (i) discuss rail issues which would be best addressed through unified railway law, (ii) test the provisions developed under the unified railway law, as well as (ii) work on converting the agreed provisions into a legally-binding instrument.

• The Working Party on Rail Transport organised a Workshop on Rail Security in collaboration with ITF and UIC with participants from around the world and a Workshop on Innovation in the railways attended by more than 70 participants.
Great success in promoting digitization of consignment notes

a. Many recent accessions to eCMR
b. SC.1 the main platform for multilateral dialogue and exchange of best/emerging practices by contracting parties implementing e-CMR
c. Special SC.1 session in April 2018 to operationalize e-CMR

Digital tachograph: work ongoing to amend the AETR Agreement

- Proposals for changes to AETR Agreement (Arts. 14, 22, 22bis, Appendix 1C, Appendix 4) to incorporate EU legislation
- Challenge: Compulsory smart tachograph in EU from 15 June 2019
- Next AETR Group of Experts meeting on 17 June 2019
- Interest of Governments of Lebanon and Egypt to accede
ITC – the UN Platform for Inland Transport
Regulatory centre: Inland Water Transport

International Ministerial Conference
"Connecting by Inland Navigation"
Wrocław, Poland, 18-19 April 2018

- Organized jointly by UNECE and the Ministry of Maritime Economy and Inland Navigation of Poland
- More than 400 participants from 24 countries
- European Commission, River Commissions, International associations and organizations, basin authorities and other key players
- Ministerial plenary session and six thematic panel discussions
- Signing the Ministerial Declaration and a poster

Development of IWT infrastructure

- European Agreement on Main Inland Waterways of International Importance (AGN) Revision 4
- Updated map of the European Inland Waterway Network
- Addendum No. 1 to the third revision of the Inventory of Main Standards and Parameters of E Waterway Network (the Blue Book)
- Ongoing work on harmonizing the GIS database of the Blue Book with TEN-T transport corridors

Digitalization and automation in inland navigation

- Autonomous shipping and Inland Navigation
  (14 February 2018, organized jointly by UNECE and De Vlaamse Waterweg nv)
  - progress in the maritime sector and examples of autonomous ships
  - automation levels developed by CCNR
  - smart shipping project and test area by De Vlaamse Waterweg nv
  - education and training
- Digitalization in Inland Water Transport
  (4 October 2018)
  - Policy initiatives in digital transport and logistics
  - Computerization of work and transport documents
  - Development of digitalization and RIS technologies
  - Strategies for inland waterways and river-sea shipping

Standardization of technical and safety requirements in inland navigation

- European Code for Signs and Signals on Inland Waterways (resolution No. 90)
- European Code for Inland Waterways (CEVNI): Amendment No. 2
  - Publication "Implementation of CEVNI Revision 5" (ECE/TRANS/288)
- Resolution No. 61, second revision (resolution No. 91)
ITC – the UN Platform for Inland Transport Regu latory centre: Intermodal transport

a. Workshop on “Operational challenges of regional intermodal transport and innovative solutions”;

b. Publication on “Railways role in Intermodality and the digitalization of transport documents”;

c. Preparation of a study on “Intermodal transport terminals”;

d. Preparation of a handbook on “National Master Plans on freight transport and logistics”;

e. Enhancement to the use of CTU Code. Group for Experts ToRs provisionally approved by ITC – subject to approval by IMO and ILO

f. Decision to organize during 2019 a workshop on “Intermodal transport and logistics’ role in making cities and human settlements inclusive, safe, resilient and sustainable”;

g. Work towards intermodal issues along Euro-Asian Transport Links
• Workshop on inland waterway statistics
• UNECE official statistics being used to measure SDG 9.1.2 in 2019
• Series of Papers on how UNECE existing data collection can measure the SDGs:
  ▪ Paper 1: Road safety statistics and the SDGs
  ▪ Paper 2: Bus statistics and the SDGs
  ▪ Paper 3: tonne-km statistics and the SDGs
• 5th Edition of Glossary for Transport Statistics Finalised
• 2020 E-Road and E-Rail Censuses: Resolutions approved by ITC
ITC – the UN Platform for Inland Transport Policy dialogue: Intelligent Transport Systems (ITS)

Events in 2018

ITC Working Parties ITS activities
(examples)

The 2018 Future Networked Car symposium

- 1 Day symposium co-organized by ITU and UNECE
- Bringing the telecommunication and the Automotive industries together
- Focus on connectivity and standardization issues
- Policy dialogue on:
  - ITS/ITS/G2C and ITS and the automotive applications
  - Connected and Automated vehicles
  - Cyber security
  - Artificial Intelligence etc.

The 2018 annual ITS Flagship event

- 1 Day symposium co-organized by WIP and UNECE
- Bringing Mobility Providers, Road Operators, Authorities and the Automotive industries together
- Focus on technology and standardization issues
- Policy dialogue on:
  - Connected infrastructure for connected and automated vehicles
  - ITS conformance testing and verification
  - ITS deployment and enforcement: challenges and opportunities
  - Getting the ITS governance right

ITC Working Parties ITS activities
(examples)

The 2018 Global Forum for Road Traffic Safety (WP I)

- Adoption of a WP "Roadmap for the safe Behaviour of highly and fully automated vehicles in road traffic
- Thematic emergency traffic management using the Safe Interaction Behaviour (SIB) data
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The 81st Plenary Session/EXCOM

- Joint Meeting: "Transport: education and training" - INLAND TRANSPORT COMMITTEE
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2018 Results per area of work

2018 Policy dialogue

2018 Results analytical work

2018 Results Performance indicators

Decisions Commission/EXCOM
Policy tools, analytical work, technical assistance and outreach
Performance indicators

No week without a transport meeting

Stretched or efficient?

Outputs and RB resources 2018-2020 (est)

Convening Power 2014-2018 (CDB - participants by year)
EXCOM Decisions

• EXCOM is requested to:

Renew the mandates of the mandates of:
• the Group of Experts on Benchmarking Transport Infrastructure Construction Costs,
• the Group of Experts on Road Signs and Signals and
• the Group of Experts on the European Agreement concerning the Work of Crews of Vehicles Engaged in International Road Transport (AETR)
SAFE, CLEAN, SECURE AND EFFICIENT MOBILITY FOR PEOPLE AND FREIGHT

- Inclusive International Legal Architecture
- Effective Public Administration
- International Cooperation
- Innovative Financing
- New Technologies
- Social Responsibility

The future
Inland Transport
WE WANT!