



Actions of the inland transport sector to
join the global fight against climate change

85th Session

INLAND TRANSPORT COMMITTEE



UNECE

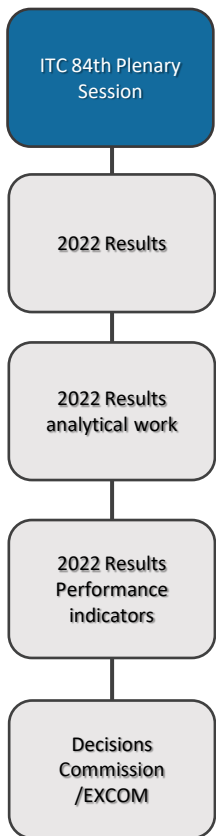
Inland Transport Committee Report

127th meeting

UNECE Executive Committee

Geneva, 16 March 2023

85th Annual Session of the ITC



Extensive high-level participation:

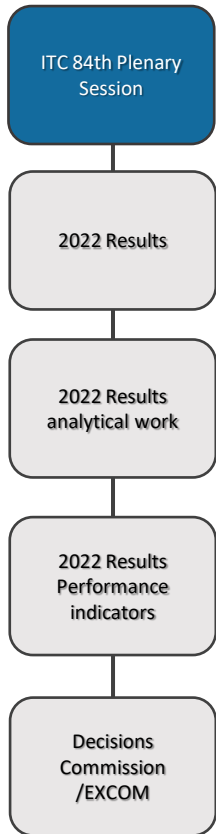
- Engagement from Africa, Asia, Europe, Latin America and Middle East
- 438 registered participants from 84 countries (39 non-ECE)
- Keynote speeches by H.E. Mr. Pete Buttigieg (United States of America); H.E. Mr. Andreas Carlson (Sweden); and Hon. General (Dr.) V.K. Singh (India); H.E. Mr. Petteri Taalas (World Meteorological Organization)

Highlights:

- Ministerial Declaration “Harnessing the full potential of inland transport solutions in the global fight against climate change”
- High-level side event on the ITC Forum for Road Safety
- Side event on “Enhancing connectivity and accelerating the transition to climate resilient, low-carbon transport systems in land-locked developing countries”
- Side event on “Electric Vehicle Charging Infrastructure”
- ITC Roundtable “Inland transport connectivity and the 2030 Sustainable Development Agenda – Challenges and opportunities for global economic prosperity and development”



85th Annual Session of the ITC



Ministerial Declaration:

- Acknowledges the unique role of the ITC as the centre of the United Nations conventions
- Endorsed by 29 Member States from around the world
- Commitment to support the achievement of sustainable inland transport and the implementation of the SDGs

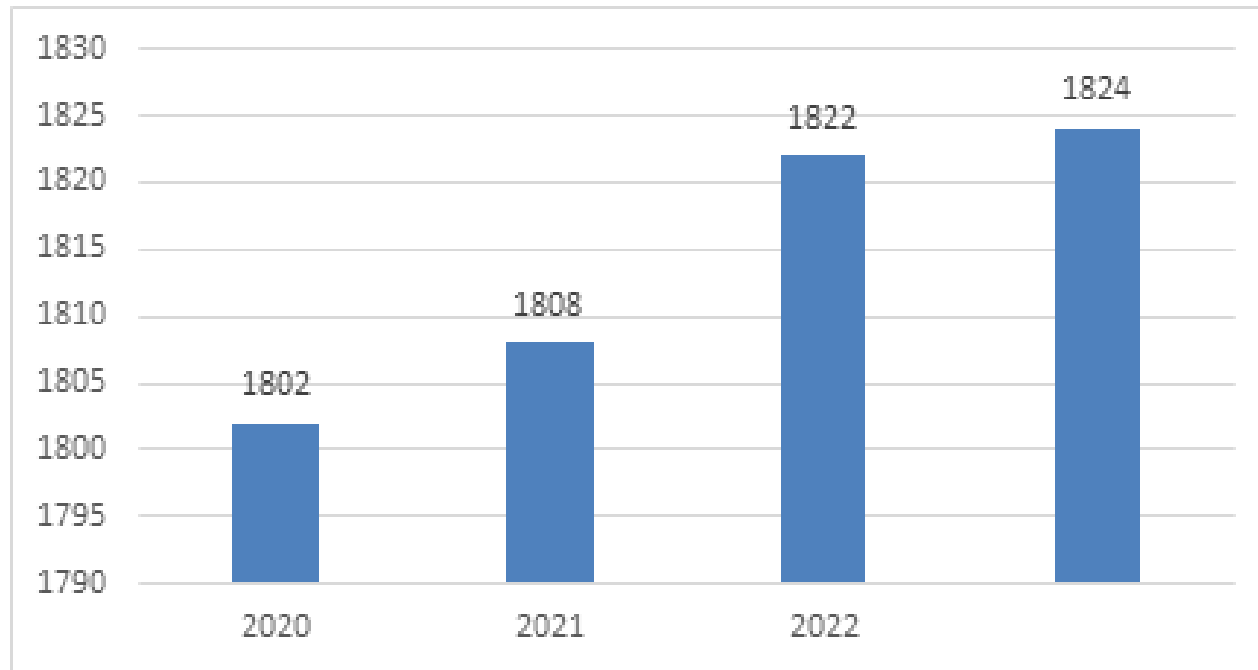
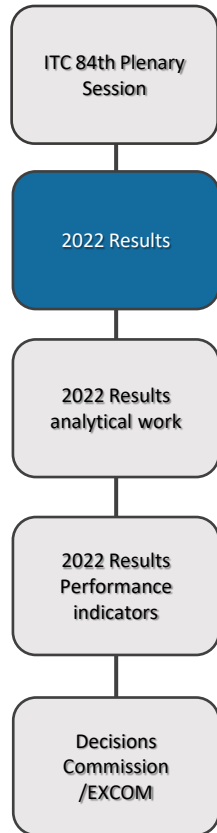
Key ITC decisions:

- Review process of the mandates of ITC Working Parties in the course of 2023
- Alignment of ITC Working Parties continues unabated:
 - adoption of the updated Terms of Reference of SC. 2,
 - Adoption of the revised Rules of Procedure of SC.2, SC.3, WP.15/AC.2, and WP.24
- **60th Legal Instrument under the purview of ITC:** Adoption of the Model Rules on the Permanent Identification of Railway Rolling Stock
- Establishment of new standing body (Revisions Committee) for the 60th legal instrument
- Approval the extension of the mandates of two Groups of Experts (LIAV and AETR)
- Adoption of 2023 Programme of Work of Transport subprogramme
- Accelerating work on Climate Change by the Committee and its WPs
- Development in the course of 2023 of an ambitious strategy document for reducing Green House Gas (GHG) emissions in inland transport for adoption by the Committee at its 86th session (



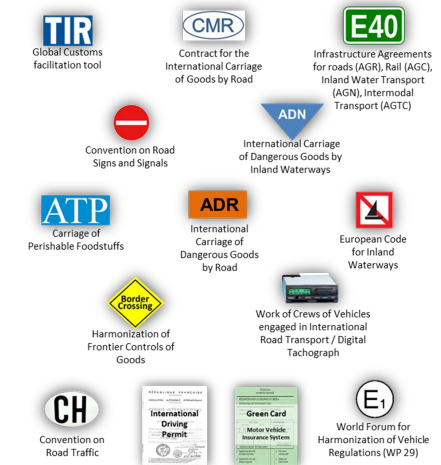
ITC – the UN Platform for Inland Transport

Implementing the ITC Strategy



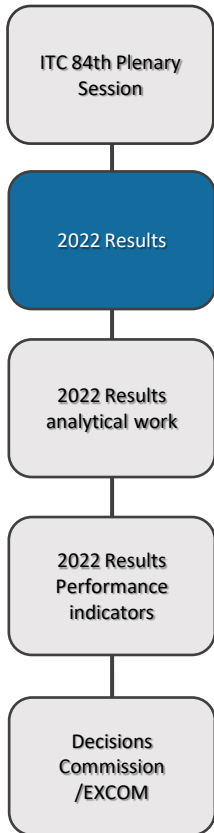
Number of Contracting Parties to the United Nations Inland Transport Conventions under the purview of ECE

59 UN conventions on inland transport
 1824 Contracting Parties - 152 UN Member States
 Our Goal: a universally harmonized inland transport system



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ITC highlights in 2023

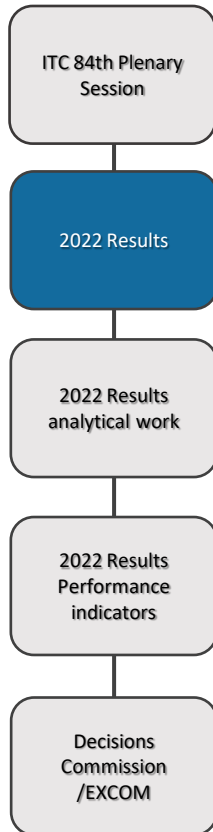


2023 Highlights:

- The number of contracting parties increased to 1,824
- Maldives became the 152nd UN Member State to become contracting party to at least one of the legal instruments under the purview of ITC
- ITC organized its first session fully under the now in force Revised Terms of Reference endorsed by ECOSOC (E/RES/2022/2)
- The TIR secretariat continued its activities to assist countries to start interconnection projects between their national customs Information Technology (IT) systems and the eTIR international system

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Regulatory centre: Priorities



Priorities

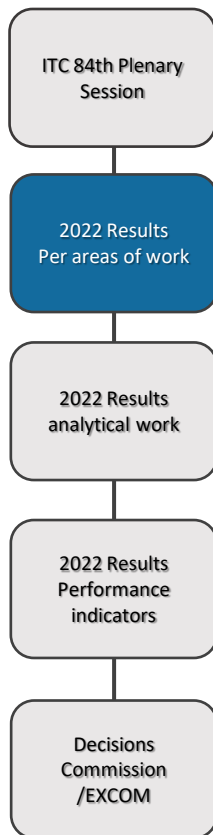
- The highest priority for the Committee is the continued operationalization of the Committee's revised Terms of Reference and Rules of Procedure that entered into force on 16 February 2022, the continued implementation of the ITC Strategy until 2030 and the continued modernization and geographical expansion of its normative work.
- Supporting Member States efforts to:
 - Enhance Road Safety nationally, regionally and globally
 - Strengthen climate change mitigation and environmental performance of inland transport
 - Enhance transport connectivity

Regulatory priorities

- Accelerated development of ITC Strategy on Reducing Greenhouse Gas Emissions from Inland Transport for adoption by the Committee at its 86th session (2024)
- Automated driving and amendments of key conventions to accelerate safe introduction of autonomous vehicles in traffic
- Accelerated digitalization of inland transport and operationalization of relevant key legal instruments

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Analytical work on transport

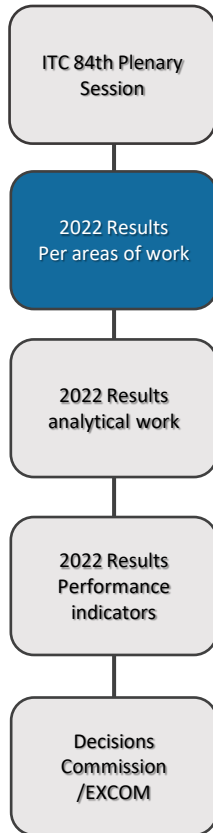


Highlights

- **Development of transport networks and/ or links**
 - Ongoing EATL operationalization efforts
 - Establishment of a Corridor Coordination Committee on the Trans-Caspian and Almaty-Istanbul Corridors
- **Sustainable urban mobility**
 - Progress report on Group of Experts on Cycling Infrastructure Module
 - WP.5 workshop on electrification of mobility
- **Transport infrastructure data**
 - WP.5/GE.4 Group of Experts on benchmarking transport infrastructure construction costs – FINAL REPORT ADOPTED
 - International Transport Infrastructure Observatory (ITIO) – next steps
- **Review and monitoring of emerging issues and sustainable development goals**
 - Sustainable Inland Transport Connectivity Indicators (SITCIN) user dashboard – next steps
 - Electric vehicle charging infrastructure – next steps by the Committee and its subsidiary bodies
- **Inland transport security**
 - Protection of transport infrastructure at the stages of design, construction and operation

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Regulatory centre: Road traffic safety

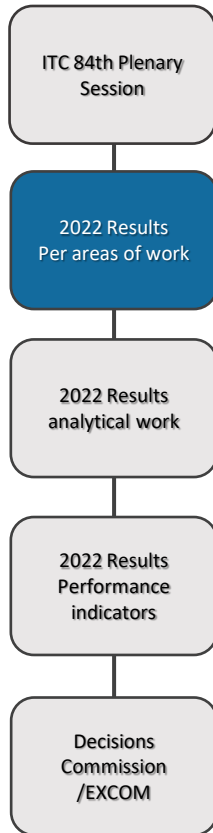


Highlights

- Ensuring that new in-vehicle technology is – when deemed necessary – accompanied by new traffic rules.
- Adopted an important amendment proposal which, when it enters into force, is expected to facilitate automated driving for contracting parties to the 1968 Convention on Road Traffic.
- Close to finalizing the amendment proposals to incorporate technical progress in the area of lighting and light signalling devices
- Exploring digital driving permits
- Adopted “Global Forum for Road Traffic Safety (WP.1) resolution on safety considerations for activities other than driving undertaken by drivers when automated driving systems issuing transition demands exercise dynamic control
- Intends to continue considering policy challenges of remote driving.
- Will continue exploring the definition and role of the driver, driver education and training, and the possibility of contributing to developing a glossary of terminology for automated vehicles.

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Regulatory centre: Harmonization of vehicle regulations

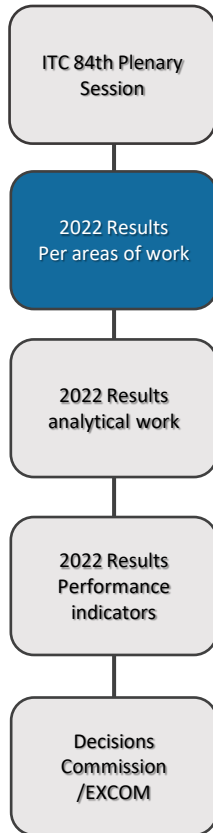


Highlights

- **Vehicle automation**
 - First iteration of the New Assessment/Test Method for Automated Driving (NATM) – Master Document
 - Amendment to UN Regulation No. 157 on Automated Lane Keeping System increased the maximal speed of operation to 130 km/h as well as included lane change provisions full automated driving on motorways (allowing drivers to engage in other tasks than driving but drivers need to stay available to take over when requested by the system)
- **1958 Agreement**
 - new UN Regulation No. 164 on studded tyres
 - Work on protection of vulnerable road users continued
 - 120 amendments to existing UN Regulations and related Resolutions
- **1997 Agreement**
 - Draft framework document on vehicle whole-life compliance, which provides for a compliance regime for vehicles from type-approval via periodic technical inspections, roadside technical inspections until its end-of-life and scrapping.
- **1998 Agreement**
 - New UN GTR No. 22 on in-vehicle durability for electrified vehicles, and
 - New UN GTR No. 23 on durability of pollution-control devices.
 - Amendment to UN Global Technical Regulation No. 2 (Worldwide Motorcycle Emissions Test Cycle) and
 - M.R.1 on “test dummies”.
- Development of Life Cycle Assessment (LCA), of e.g. energy consumption and carbon emissions to support decarbonization of road transport
- New Informal Working Group on Safer and Cleaner Used and New Vehicles for low- and middle-income markets.
- urged the Member States to request that adequate budget be made available for the continuation of full interpretation services for hybrid meetings, to continue giving delegations from low- and middle-income countries the possibility to participate either in person or remotely in WP.29.

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Regulatory centre: Transport of dangerous goods

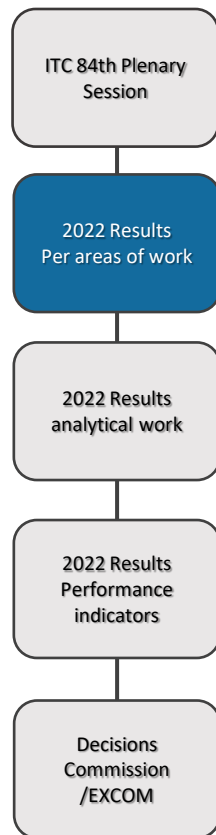


Highlights

- ensured alignment with those in the twenty-second revised edition of the Model Regulations
- The ADN Safety and Administrative Committees adopted, at their thirty-ninth and twenty-seventh sessions in January 2022, respectively, as well as at their fortieth and twenty-eighth sessions in August 2022, respectively, a set of amendments for entry into force on 1 January 2023 including amendments intended to harmonize ADN provisions with those of ADR and RID.
- the secretariat prepared, for worldwide implementation and use, new consolidated revised editions of the Model Regulations (Rev.23) and the GHS (Rev.10) as well as the 8th revised edition of the Manual of Tests and Criteria.

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Regulatory centre: Strengthening border crossing facilitation (TIR Convention, eTIR project, Harmonization Convention and other cross-border and customs transit facilitation measures)

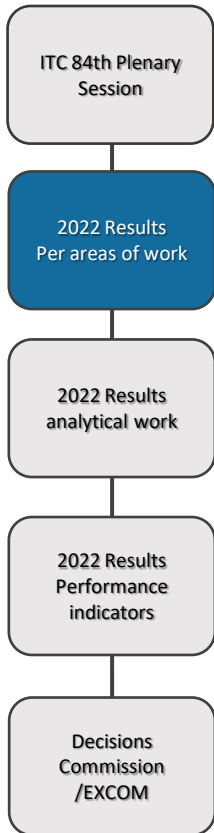


Highlights

- **Dedicated effort to enabling the first eTIR transport to be conducted**
 - The newly established Technical Implementation Body (TIB) and the TIR Administrative Committee, respectively, adopted version 4.3 of the eTIR specifications
 - Workshop on conformance tests with countries ready to start implementing eTIR without further delay (Azerbaijan, Georgia, Pakistan, Türkiye and Uzbekistan) as well as with IRU
- **The first session of the Technical Implementation Body (TIB) took place from 18–21 January 2022**
 - Adopted version 4.3 of the eTIR technical specifications
 - Confirmed their alignment with version 4.3 of the eTIR concepts
 - Adopted its Rules of Procedure
- **the TIR secretariat continued its activities to assist countries to start interconnection projects between their national customs Information Technology (IT) systems and the eTIR international system**
 - In the course of 2022, the following six countries already started an interconnection project: Azerbaijan, Georgia, Pakistan, Tunisia, Türkiye and Uzbekistan.
 - These countries have started conformance tests, in order to have their national customs system fully aligned with the eTIR specifications, and a first actual eTIR transport is expected to be conducted in early 2023.
- **the electronic submission of data to the International TIR Data Bank (ITDB), containing the data of 33,000 authorized TIR Carnet holders has become obligatory with respect to all parties to the Convention**
- **a joint workshop (with FIA) dedicated to the digitalization of the temporary importation conventions of 1954 (private vehicles) and 1956 (commercial vehicles)**

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Regulatory centre: Transport of perishable foodstuffs

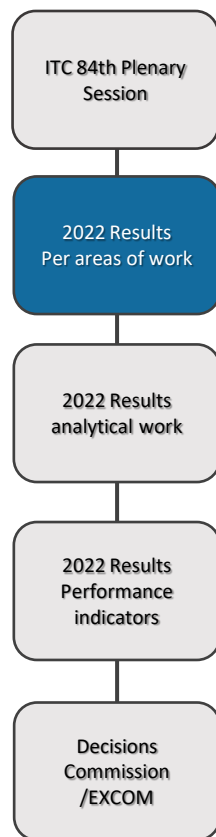


Highlights

- Proposed amendments to the Agreement on the International Carriage of Perishable Foodstuffs and on the Special Equipment to be Used for such Carriage (ATP)
 - Definition of the independence of a unit, in order to cope with decarbonization trends as new energy source technologies are becoming available.
 - Adopted provisions for airflow circulation in the body of the equipment, improving transport conditions for perishable foodstuffs.
 - Miscellaneous proposals improving the criteria for testing and certification of ATP equipment.
- A liaison between the Working Party and a new ISO committee developing standards for cold chain logistics was established in 2022.
- The Committee noted that at its seventy-ninth session the Working Party decided to return to its usual cycle of one meeting per year and to increase the number of informal working groups, when relevant, to facilitate intersessional work.

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Regulatory centre: Road transport

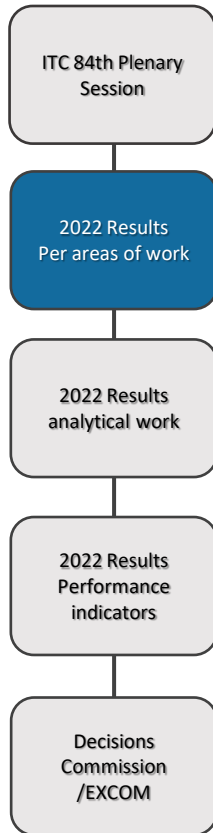


Highlights

- Established a formal group of experts on the operationalization of the eCMR procedure, commencing in 2022 for two years.
 - the group met three times to discuss the requirements of article 5 of the Additional Protocol to CMR.
 - preparing the objective/scope,
 - the high-level architecture,
 - the conceptual specifications for a future environment that would support the conclusion and exchange of electronic consignment notes in accordance with the provisions of CMR and its Additional Protocol.
- 117th session in October 2022
 - a workshop on cross-border insurance of motor vehicles
 - Recommendations to introduce compulsory minimum third party insurance for all motor vehicles as part of road safety programs;
 - the recommendation that another workshop should be organized in 2023 for the further exchange of experiences; and the identification of potential solutions to common challenges for enhanced cooperation among the various card organizations.
- continued work on reconciliation of the AETR regime in European Union and non- European Union AETR contracting parties
- the introduction of the smart tachograph, following its application in the European Union as of June 2019

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Regulatory centre: Rail transport

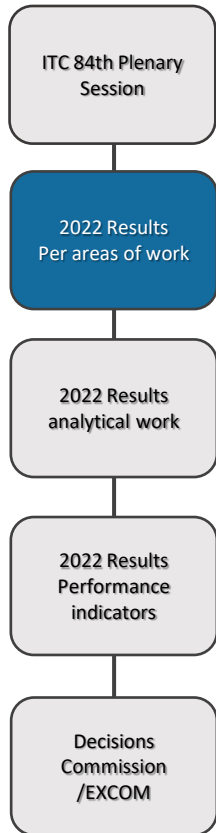


Highlights

- The Working Party on Rail Transport (SC.2) agreed to the creation of the Model Rules on the Permanent Identification of Railway Rolling Stock
- Finalized the text of the Convention on the Contract for the International Carriage of Goods by Rail following “Approach A” as a first step towards the creation of System of Conventions on Unified Railway Law.
- Modernization of the European Agreement on Main and International Railway Lines (AGC) has this year taken a significant leap forward with the introduction of a GIS based tool
 - Provides the sector with a tool to identify minimum infrastructure parameters requirements for railways across the ECE region.
- The Group of Experts on International Railway Passenger Hubs has agreed that an internationally recognised set of hubs need to be defined and included in the AGC going forward.
- Significant progress was made in the work of the Trans European Railway Project (TER).

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Regulatory centre: Intermodal transport and logistics

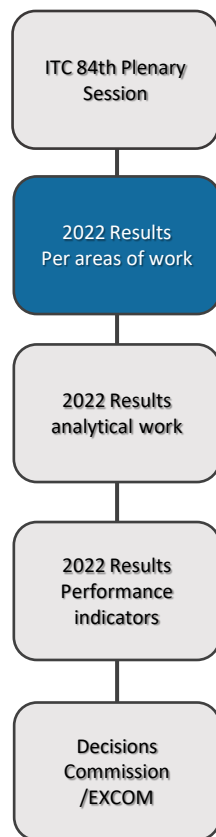


Highlights

- Continued work to update the European Agreement on Important International Combined Transport Lines and Related Installations (AGTC) and the Protocol to the AGTC
 - WP.24 continued its work to set up the monitoring mechanism for the AGTC lines and related installations vis-à-vis their technical parameters by creating the AGTC inventory in GIS environment.
 - WP.24 collaborated with the Working Party on Inland Water Transport (SC.3) on the challenges faced with the Protocol to the AGTC.
 - Both Working Parties prepared a draft resolution on facilitating the development of container transport on inland waterways.
 - ITC adopted this resolution and requested WP.24 and SC.3 to implement it.
- WP.24 further progressed on the implementation of the resolution on strengthening intermodal freight transport.
- WP.24 also informed about progress achieved in proposing updates to the Code of Practice for Packing of Cargo Transport Units done in an informal prework due to the absence of the Group of Experts on CTU Code.

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Regulatory centre: Inland water transport

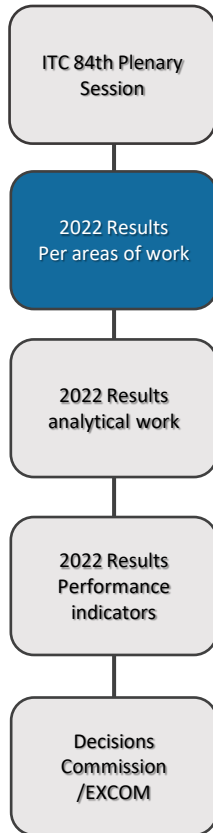


Highlights

- The Working Party on Inland Water Transport (SC.3) and its subsidiary body, the Working Party on the Standardization of Technical and Safety Requirements in Inland Navigation (SC.3/WP.3) continued its work on monitoring the implementation of the European Agreement on Main Inland Waterways of International.
 - approved amendment No. 5 to the third revision of the Inventory of Main Standards and Parameters of the E Waterway Network (“Blue Book”)
 - further amendments to resolution No. 49, the Inventory of Most Important Bottlenecks and Missing Links in the E Waterway Network.
- In terms of technical prescriptions to inland navigation vessels and Vessel Traffic Services, SC.3 approved:
 - Amendment No. 4 to the second revision of resolution No. 61 “Recommendations on Harmonized Europe-Wide Technical Requirements for Inland Navigation Vessels” as resolution No. 104
 - Definitions and the structure of the revised annex to the annex to resolution No. 58 “Guidelines and Criteria for Vessel Traffic Services on Inland Waterways” with a view to finalize the revision in 2023.
- SC.3 finalized and approved the Glossary for Inland Water Transport as a part of the work by the ECE Sustainable Transport Division on the terminology and definitions for inland transport.

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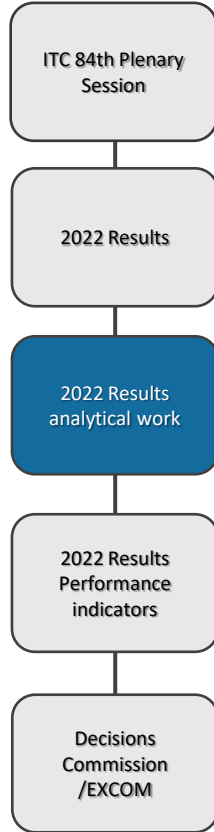
Regulatory centre: Transport statistics and data



Highlights

- A publication, “Inland Transport Statistics in Europe and North America” was developed for release in early 2023.
 - The publication compiles data on road, rail and inland water transport across infrastructure, transport equipment, traffic and transport measurement.
 - This data is vital in monitoring transport-related Sustainable Development Goal targets 9.1 and 11.2, and for benchmarking progress on road safety (target 3.6)
- The Working Party on Transport Statistics continued work on innovation in both transport statistics production and dissemination.
 - The session of the Working Party in June 2022 included discussions around using mobile phone data for transport statistics, and the secretariat has produced two data stories on transport statistics that include interactive graphs using a “scrollytelling” approach, which aim to engage policy makers with key statistical messages.

Policy tools, analytical work, technical assistance, outreach



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European Agreement on Important International Combined Transport Lines and related Installations (AGTC)
Revision 7

UNITED NATIONS

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2022 Inland Transport Statistics
FOR EUROPE AND NORTH AMERICA

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Glossary for Inland Water Transport
Glossaire des transports par voie navigable
Глоссарий по внутреннему водному транспорту
Including River Information Services
y compris les services d'information fluviale
включая сервисы информации по рекам

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UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE

European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ADN
2023
Volume I

UNITED NATIONS

UNECE

Global Forum for Road Traffic Safety (WP.1)
Resolution on safety considerations for activities other than driving undertaken by drivers when automated driving systems issuing transition demands exercise dynamic control

I. Preamble

- The Global Forum for Road Traffic Safety (WP.1) of the United Nations Economic Commission for Europe...
- Noting that the advent of automated driving systems enables the road to be safely, continuously, continuously, the consequences of an accident... (text truncated)

II. Scope & Definitions

- The Resolution applies to vehicles equipped with automated driving systems that can operate through all the responses for the driver... (text truncated)

UNITED NATIONS

COMMISSION ECONOMIQUE DES NATIONS UNIES POUR L'EUROPE

Accord relatif au transport international des marchandises dangereuses par route

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ADR
2023
Volume I

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Railways at the centre of a post-pandemic recovery
Measures to support international rail carriers

UNITED NATIONS

UNECE

Road Map for Accession to and Implementation of the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)

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Sustainable Inland Transport Connectivity Indicators
Understanding the performance of road, rail, inland waterway, and inter-modal transport systems

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River Information Services in the region of the Economic Commission for Europe

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World Forum For Harmonization of Vehicle Regulations (WP.29)
How it works - How to join it
Revised Fourth Edition

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ATP as amended on 1 June 2022

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UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE

75 Years of Inland Transport Committee
75 Documents that Changed the World of Transport

75th INLAND TRANSPORT COMMITTEE

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Inland Transport Committee
World Forum for Harmonization of Vehicle Regulations
Framework document on automated/autonomous vehicles!

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Performance indicators



ITC 84th Plenary Session

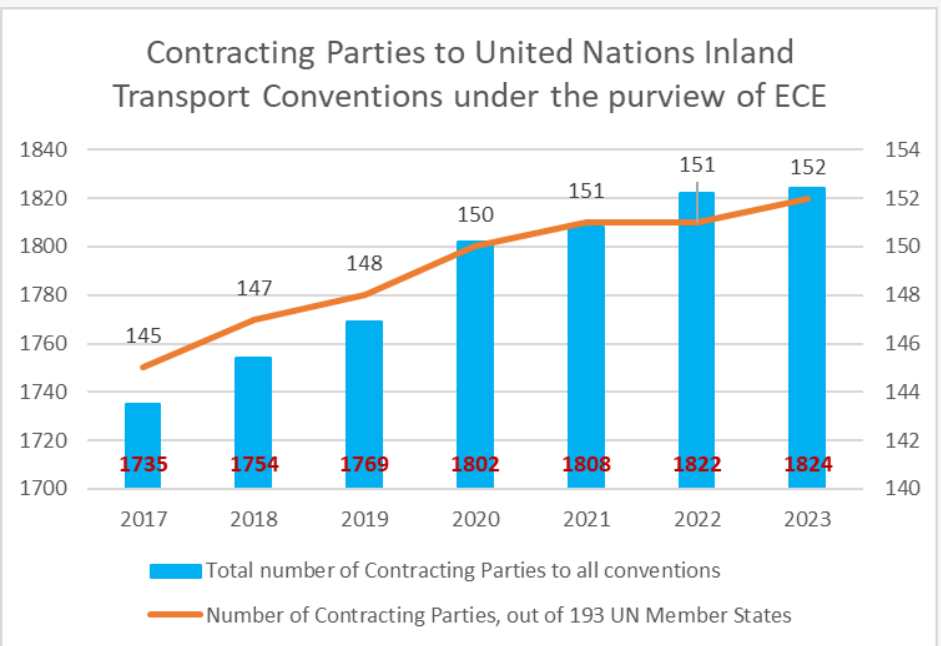
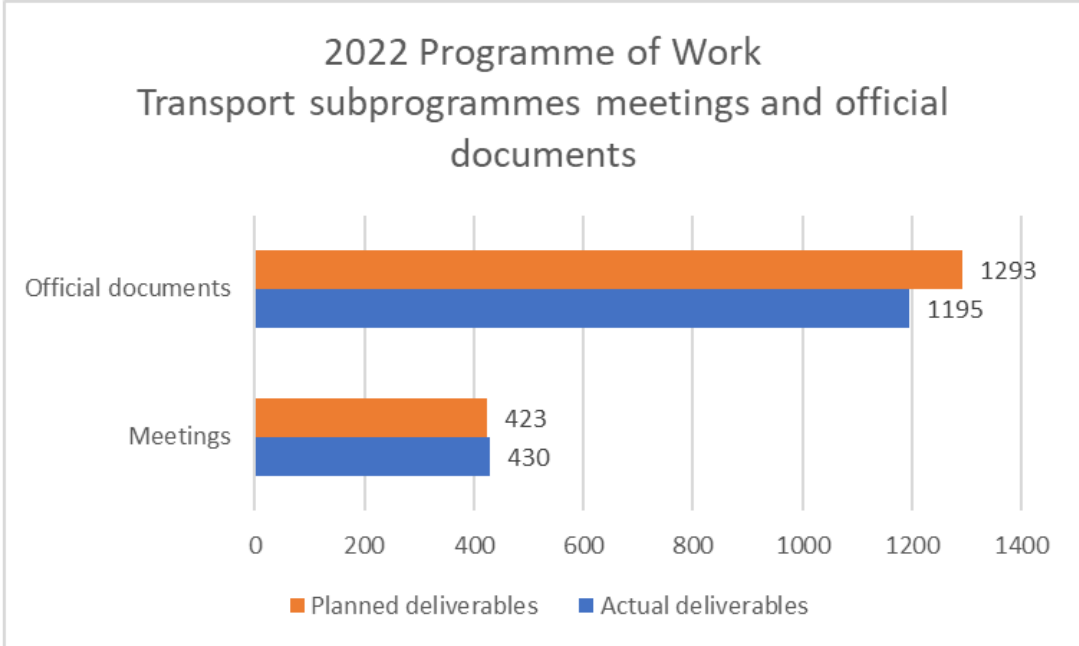
2022 Results

2022 Results analytical work

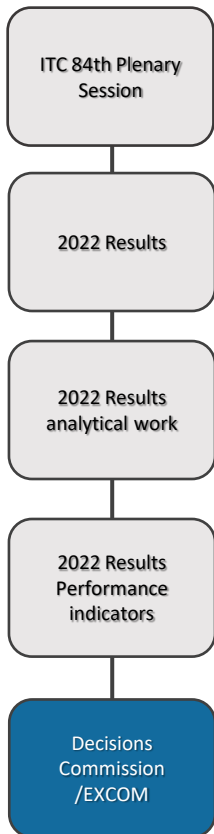
2022 Results Performance indicators

Decisions Commission /EXCOM

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EXCOM Decisions



EXCOM is invited to approve:

- The extension of the mandates of the following bodies:
 - the Group of Experts on LIAV until 31 December 2025;
 - the Group of Experts on AETR until 30 June 2025;
- The adoption of the Terms of Reference and the establishment of the Revisions Committee of the Model Rules on the Permanent Identification of Railway Rolling Stock
- The adoption of the updated Terms of Reference of SC.2
- The programme of work of the Transport subprogramme for 2023, as contained in [ECE/TRANS/328](#)



**Actions of the inland transport sector to
join the global fight against climate change**

85th Session

INLAND TRANSPORT COMMITTEE



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Thank you!

Ms. Hannie Meesters

Chair

UNECE

Date 16 | 03 | 2023, Geneva