



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

85<sup>th</sup> Session

INLAND TRANSPORT COMMITTEE



UNECE

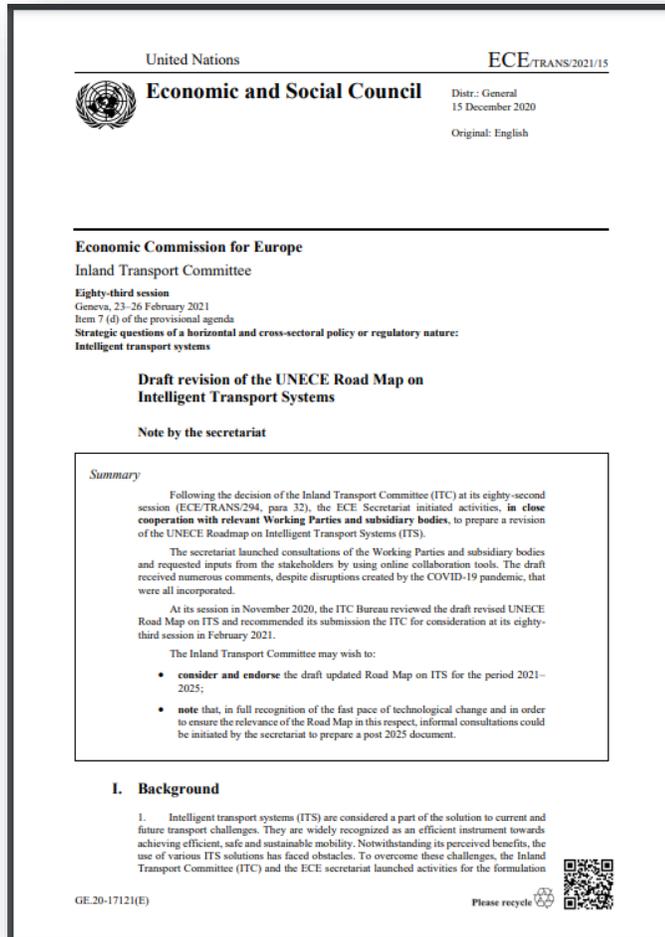
# Intelligent Transport Systems

Developments in 2022-2023

(Introducing ECE/TRANS/2023/19/Rev.1)

# Framework

## Revised UNECE Roadmap on ITS from 2021



- Adopted in February 2021
- 18 Actions
  - Across transport modes
    - Rail
    - Road
    - Inland waterways
    - Multi-modal transport
  - Covering specialized areas e.g.
    - Transport of Dangerous Goods
    - Ensuring data security
  - Looking at digitalization and emerging technologies



### 16 June 2022 – 4<sup>th</sup> session

- Review of the ITS roadmap implementation
- Keynote presentations to keep abreast on developments related to vehicle corridors and connected services looking at international, regional and local perspectives

### 17 January 2023 – 5<sup>th</sup> session (special)

- Session organized on request by WP.29 to explore the role of WP.29 regarding Vehicular Communication.
- The group worked on preparatory activities on vehicle communications, supported by presentations from China, ERTICO (ITS Europe), ITU-T, Automotive industry.
- The group received information (liaison statements) from Standard Developing Organizations that developed standards on vehicular communication for two decades.
- The group will advise WP.29 in March 2023

# Highlights from 2022-2023

## Working Parties activities



- SC.3 (RIS, automation & smart shipping)
- WP.15 (Telematics)
- WP.1 (adopted a Resolution on [...] activities other than driving [...])
- WP.29 (Adopted a significant update to UN Regulation No. 157-ALKS)
- GRVA (2 technical WS on A.I., China proposed to address vehicular communication, 8 WS on the implementation of cyber security requirements)
- WP.24 (WS on information and document digitalization in intermodal transport, WS on Automation)
- WP.5 (Seminar on cyber security threats to electrical vehicle charging stations)
- SC.2 (Creation of a new innovation platform to identify key ITS areas for competitiveness)

# Recurrent activities

## ITU/UNECE annual symposium on the Future Networked Car



- The 2022 annual symposium was organized as a virtual event.
  - Duration: four days
  - Up to 200 participants
  
- Four sessions:
  1. Government Authorities' Coordination for Automated Driving and their Intelligent Transport – highlighting the necessary integration efforts at international, regional and local levels
  2. Artificial General Intelligence Applied to Vehicle Safety, Services, and Transport Management – highlighting the poor ADAS performance in some markets
  3. Automated Driving Systems for Consumer and Other Vehicles (Trucks, Delivery, Shuttles, Robotaxis, Etc.) – looked at commercial opportunities in the field of automated vehicles
  4. Wireless Communications Applied to Vehicle Safety, Services, and Transport Management – Looked at the current status and future directions

# Request to ITC



- ITC is kindly invited to encourage:
  - WP.1 to continue its consideration and exchange of views on ADS
  - WP.29 and GRVA to continue its work on the ADS safety assessment to deliver a worldwide certification for such technologies
  - SC.3 to continue its activities on RIS, automation and smart shipping
  - WP.15 to continue its activities on telematics
  - WP.24 to continue its activities related to action 12 of the UNECE roadmap on ITS



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**Thank you!**

Francois Guichard (Engineer)

ITS/AD focal point

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Date 22 | 02 | 2023, Geneva