Intelligent Transport Systems
Developments in 2022-2023
(Introducing ECE/TRANS/2023/19/Rev.1)

Actions of the inland transport sector to join the global fight against climate change
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 – 4th 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 – 5th 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)
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
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
Actions of the inland transport sector to join the global fight against climate change

Thank you!

Francois Guichard (Engineer)
ITS/AD focal point
UNECE
Date 22 I 02 I 2023, Geneva