Development of the ITC Strategy on reducing greenhouse gas emissions in inland transport

Draft ambition from the World Forum on Harmonization of Vehicle Regulation (WP.29)

Introduction to GRVA-17-15
WP.29 contribution to ITC climate change mitigation strategy

- Approach, mandate, timeline introduced during the last GRVA session (See GRVA-16-46)
- WP.29, as a subsidiary body to ITC, was requested to provide feedback and input to the ITC climate change mitigation (CCM) strategy outline and welcomed the initiative from ITC.
- The Working Party on Pollution and Energy (WP.29/GRPE) tasked “to coordinate and gather input received from all GRs” (ECE/TRANS/WP.29/1173, para. 156)
- GRPE has set up a task force to draft the contribution from WP.29/GRPE; all stakeholders from WP.29 and subsidiary bodies invited to participate.
  - Three meeting already held, written consultation (GRPE-89-40)
  - Call for all GRs to participate / provide input via communication to the Chairs/ Sec.
- Brief overview on some key elements in the draft contribution prepared (GRVA-17-15) still under consultation, to be endorsed by contracting parties
First, What can WP.29/GRPE do to ensure a successful strategy?

- WP.29 to make sure that low carbon technologies are safe to be deployed (GRSG, GRSP contributions)
- WP.29 to accelerate the pace of development / maintenance of regulatory proposals that contribute to GHG emission mitigation
- WP.29 working to facilitate the transition to alternative, low carbon fuels, low energy consumption components (GPF, GRBP contributions)
- WP.29 to support the acceleration of electrification in some regions, through dedicated technical regulatory development where needed.
- WP.29 to accelerate the development of a regulatory framework for digitalization of the sector, and integration of innovations and new technologies. Digitalization of the certification process to be also valued to potentially lower GHG emissions
- WP.29 to provide more information on the GHG impact of its proposals
First, What can WP.29/GRPE do to ensure a successful strategy?

- WP.29/GRPE to remain the main body under ITC to work on “Improve” component of the Avoid/Shift/improve strategy
- WP.29/GRPE develop harmonized methodologies to be able to quantify and monitor the carbon footprint of vehicle (harmonization of ZEV meaning and definition)
- WP.29/GRPE to maintain frequent exchanges with relevant initiatives working on inland transport decarbonization
Second, WP.29/GRPE recommendations to ITC to ensure a successful strategy? (1/2)

WP.29/GRPE recommends ITC to:

- Develop a data-driven ITC CCM strategy; objectives, targets, milestone to be quantifiable so progress monitoring can be factual
- Request Top->Down guidance from countries:
  - => detailed inland transport decarbonization action plan:
    - Help define work priorities of the WPs
    - Complimentary to NDCs, for inland transport sector, in line with UNFCCC submission cycle
- Make sure working parties follow the Avoid/Shift/Improve framework, and provide clear mandate to act on the element of the framework
  - GRPE to be the “Improve” focal point
  - WP.24 (freight), WP.5 (passenger) on “Shift”
  - Provide further clarity on the WP/body looking at “Avoid”
Second, WP.29/GRPE recommendations to ITC to ensure a successful strategy? (2/2)

- ITC to collect GHG emissions data from inland transport
  - using existing data sources, linking to UNFCCC National communications
  - WP.6 probably most appropriate WP

- ITC to closely collaborate with / compliment UNFCCC secretariat activities
  - No need to reinvent already existing submissions/contributions from contracting parties
  - More detailed / specialized approach for inland transport
The WP.29/GRPE task force aims to meet until the end of October, until it has received and compiled all the contributions from the GRs

- Deadline for GRs contribution set on 11 October
- Specific contribution from NGOs to be included in annexes

Some preliminary elements are expected to be shared for the ITC Bureau meeting early November

Final endorsement of the WP.29 contribution proposed for endorsement at the Nov session of WP.29, taking place from 14 to 16 Nov 2023.

Looking forward to seeing the ITC final strategy and to having it adopted at the next ITC session
Actions of the inland transport sector to join the global fight against climate change
Avoid Shift Improve framework to sustainable clean mobility

Avoid and reduce the need for motorised travel
- Transit-Oriented Development
- Circular Economy
- Digital Services

Shift to more sustainable modes
- Home-based Services
- Access to Primary Services
- Parking Management
- Intermodal Freight Transport
- Shared Economy

Improve transport modes
- Public Transport
- Fair Pricing
- Active Mobility
- Access Regulation
- Renewable Energy
- Vehicle Design
- Operational Efficiency

*The A-S-I diagramme presents a non-exhaustive list of measures for illustrative purposes only.*