



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

INLAND TRANSPORT COMMITTEE



UNECE

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)

GRE-89-27

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Decisions of ITC at its 85th annual session (Geneva, 21-24 February 2023, see report *ECE/TRANS/328*, para. 60):

On the basis of ECE/TRANS/2023/21, the Committee

- requested the secretariat, in close cooperation with the Committee's Bureau and relevant subsidiary bodies, **to develop an ambitious strategy document** for reducing Green House Gas (GHG) emissions in inland transport based on international United Nations legal instruments under the Committee's purview with priority actions for the Inland Transport Committee (ITC) and all its relevant subsidiary bodies, supported by a strong action plan with milestones, for consideration and possible adoption by the Committee at its 86th plenary session (2024)
- requested the secretariat to **report biennially through in-depth reports to the Committee on climate change and inland transport**, starting at the Committee's 86th session in 2024.

Strategy outline



- I. Inland transport and climate
- II. ITC vision and mission on climate action
- III. Strategic objectives
- IV. ITC-administered instruments to assist in mitigating climate change
- V. ITC Climate Action Plan with milestones – ITC to help deliver on climate goals
- VI. List of priorities
- VII. Resource mobilization for the delivery of the strategy
- VIII. Strategic partnerships for the delivery of this Strategy

Coordination of WP.29 contribution to ITC climate change mitigation strategy



- 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.
 - Four meetings held, written consultation underway (WP29-191-XX)
- All GRs contributed (except GRSP, mainly because of meeting schedules)
- Brief overview on some key elements in the draft contribution prepared still under consultation, to be endorsed by contracting parties, during November 2023 session of WP.29

First, What can WP.29/GRPE do to ensure a successful strategy ?



Three main pillars to WP.29 activities to contribute to GHG emissions reduction

(a) Looking at the carbon footprint of vehicles over the lifetime, from cradle to grave , for example

- GRPE to accelerate the pace of development / maintenance of regulatory proposals that contribute to GHG emission mitigation
- GRPE develop harmonized methodologies to be able to quantify and monitor the carbon footprint of vehicle (harmonization of ZEV meaning and definition)
- GRPE to maintain frequent exchanges with relevant initiatives working on inland transport decarbonization

(b) Robustly measure and lower the GHG emissions and energy consumption of vehicles and their components during their use phase, for example

- GRE on more energy efficient lighting
- GRBP on low rolling resistance tyres
- GRSG on rear view cameras

First, What can WP.29/GRPE do to ensure a successful strategy ?



(c) Ensure the safe deployment of carbon neutral technologies powertrain, and modes of transport , for example

- GRVA/GRSG on e-axes
- GRSG on bus accessibility and child restraint systems in buses
- [GRSP] on EV / hydrogen vehicle safety

Generally

- 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

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
- All WPs to provide more information on the GHG impact of its proposals/decisions

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

DRAFT TO BE ENDORSED BY CONTRACTING PARTIES

Next Steps - Timeline



- The WP.29/GRPE task force finalized its work
 - Final document under written review by TF members
 - 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.
- ITC GHG emission reduction from inland transport considered at the next ITC session, Feb 2024



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Thank you!