



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

INLAND TRANSPORT COMMITTEE



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

GRPE inputs

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GRPE inputs to climate mitigation discussion at ITC



- GRPE submitted GRPE-86-47, which was annexed to ECE/TRANS/2023/21 (Annex III)
- As part of decision 44, ITC :
 - (f) expressed its strong and active support towards the task initiated by the Working Party on Pollution and Energy (WP.29/GRPE) to develop a globally harmonized methodology to determine the life-cycle carbon footprint of road vehicles;
- All working parties now requested to provide inputs and feedback on the outline by 29 September 2023
- Any role for GRPE to support ITC's climate mitigation strategy?

GRPE existing contribution to GHG



- More info in ECE/TRANS/2023/21, Annex III
- GRPE mainly active on development of harmonized measurement procedure of GHG emissions from vehicles
 - Valuable contribution needed globally
 - UN Regulation No. 101, 49, 154, UN GTRs Nos. 2, 4, 15
 - Carbon footprint methodology from A-LCA forthcoming deliverable
- GRPE / Other GRs supports the deployment of alternative fuels/powertrain (lower carbon), by ensuring performance requirements for the safe/sustainable introduction of alternative technologies
 - GRPE : UN GTR No. 22, ...
 - GRSP : UN Reg No. 100 / UN GTR No. 20, UN Reg. No. 134 / GTR No. 13
 - ...

GRPE future activities related to GHG emissions



- GHG related topics in GRPE's list of priorities (GRPE-87-54-Rev.1)
 - LCA
 - Electrification : Battery durability for light and heavy

Consumer Information	Long term	GRPE	Consumer information about energy consumption / GHG and pollutants, range.
Heavy Duty Hybrids	Medium term	GRPE	Introduction of approval provisions in UNR 49 and possible Amendments to UN GTR No. 4
Connected, automated and autonomous vehicles and the environment	Long term	GRPE / GRVA	Using vehicle connectivity, automation and self-driving capabilities to minimize environmental impact of vehicles and associated activity.
Geo-Fencing	Short/ Medium	GRPE / EVE	Putting in place automatic location recognition system to force electric mode of OVC-HEV in certain geographical areas, eg. city centers

Draft Strategy outline

GRPE contribution to the outline – further discussion on Friday



- 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



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Thank you!