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## Economic Commission for Europe

### Inland Transport Committee

#### Working Party on Transport Trends and Economics

##### Thirty-second session

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Item 11 (a) of the provisional agenda

##### Review of the transport situation, transport trends and economics in ECE region:

**Transport Trends and Economics 2018–2019:**

**Mobility as a Service**

## Work of the Economic Commission for Europe Inland Transport Committee and its Working Parties in assisting member States in achieving the inland transport-related Sustainable Development Goals

### Note by the secretariat

#### Introduction

This document has been prepared by the secretariat at the request of the Inland Transport Committee (ECE/TRANS/288, para. 25) and in the Annex provides an overview of the United Nations Economic Commission for Europe (ECE) Inland Transport Committee and its Working Parties activities towards assisting the ECE member States in achieving the inland transport-related Sustainable Development Goals. WP.5 is invited to consider this document and discuss how to further work in this field, in particular in line with the ITC Strategy until 2030.



## Annex

Sustainable Development Goals	ECE Body	Regulatory Work	Capacity Building	Analytical Work	Contributions
 <p>1 NO POVERTY</p>	WP.5		✓	✓	Serves as a pan-European Forum for exchange of information about the main inland transport trends and developments in the ECE region. It analyses latest trends, develops knowledge products, explores new approaches and promotes good practices from across the ECE member States. Produces knowledge materials on inter-linkages between transport and sustainable development, with a specific focus on the inland transport sector. Among others, it produces knowledge material on how to improve transport accessibility, and hence ensure that citizens can have an improved access to markets, including to labour or education markets.
 <p>2 ZERO HUNGER</p>	WP.5		✓	✓	Produces knowledge material on improving access to markets by citizens and freight, hence, ensuring that food products can be transported and be accessible.
	WP.11	✓	✓	✓	Develops and updates the Agreement concerning the <i>International Carriage of Perishable Foodstuffs and on the Special Equipment to be Used for such Carriage</i> (ATP) and promotes facilitation of international transport of perishable foodstuffs by harmonizing the relevant regulations and rules and the administrative procedures and documentation requirements to which this refrigerated transport is subject. In doing so, it prevents food from perishing.
 <p>3 GOOD HEALTH AND WELL-BEING</p>	WP.1	✓	✓	✓	Operates as permanent global UN body focusing on road safety and serves as guardian of several UN Road Safety Conventions aimed at harmonizing traffic rules, road signs and signals as well as other road safety legal instruments. It develops and updates the Conventions under its purview, elaborates policy assessment tools and provides capacity building and policy development support and thereby contributes to strengthening national road safety systems and reducing road traffic fatalities.

<i>Sustainable Development Goals</i>	<i>ECE Body</i>	<i>Regulatory Work</i>	<i>Capacity Building</i>	<i>Analytical Work</i>	<i>Contributions</i>
	UN Special Envoy for Road Safety/ UN Road Safety Trust Fund		✓	✓	Awareness-raising, capacity building and technical support on road safety.
	WP.29	✓		✓	Serves as global regulatory forum to prepare and/or update vehicle regulations, among them on safety of vehicles.  Manages the ForFITS Model, a tool that provides guidance and assists stakeholders to quantify the policy impact on air quality of the transport sector's activity and to anticipate future needs by offering a forward-looking analysis.
	ECOSOC Committee of Experts  ST/SG/AC.10 <sup>1</sup>  And WP.15	✓	✓	✓	Develops mechanisms addressing the harmonization of classification and labelling criteria (GHS) and the transport conditions for land, air and sea transport (Model Regulations).  Implementation of transport of dangerous goods regulations based on the Model Regulations, such as those developed by WP.15 (i.e. ADR for road transport, ADN for inland waterways transport) and classification and labelling of chemicals in accordance with the GHS, ensures the safe transport, handling and use of hazardous chemicals. Due to these harmonization mechanisms companies, countries, workers and consumers have consistent and appropriate information on the chemicals they import, produce, handle, transport or use, as well as information about their physical, health and environmental hazards through their life cycle. This in turn reduces the number of deaths from hazardous chemicals exposure.

<sup>1</sup> ECOSOC body serviced by UNECE (Sustainable Transport Division)

<i>Sustainable Development Goals</i>	<i>ECE Body</i>	<i>Regulatory Work</i>	<i>Capacity Building</i>	<i>Analytical Work</i>	<i>Contributions</i>
	WP.6	✓	✓	✓	Monitors (through data collection and statistical analysis) ECE member States transition to sustainable transport, including on monitoring of road safety data.
	WP.24	✓	✓	✓	Co-manages, and updates as appropriate <i>IMO/ILO/UNECE Code of Practice for Packing of Cargo Transport Units (CTU Code)</i> , whose implementation is important to prevent workers accidents during loading and unloading of cargo, as well as accidents during transport.
	SC.1	✓	✓	✓	Promotes the development and facilitation of international road transport by harmonizing and simplifying the rules and requirements. Draws up, manages and updates international legal instruments such as the <i>European Agreement concerning the Work of Crews of Vehicles Engaged in International Road Transport (AETR)</i> and the <i>European Agreement on Main International Traffic Arteries (AGR)</i> . The AETR establishes a framework to prevent drivers of commercial vehicles from working excessive hours, thereby preventing driver fatigue and reducing road accidents. The AGR provides guidelines for the construction, maintenance and signage of roads forming the E-road network. SC.1 also promotes the third-party motor liability insurance law (Green card system).
	SC.2	✓	✓	✓	Manages the AGC Agreement, whose aim is, among others to harmonize rail infrastructure standards resulting in increased levels of safety of railway operations. It also considers issues relating to rail tunnel safety and rail transport security.
	ITC		✓	✓	The secretariat operates the SafeFITS Model, a global reference tool enabling national policy-makers to develop effective and robust road safety policies. Upon request of countries, the Regional Adviser coordinates preparation of the national Road Safety Performance Reviews and the provision of targeted capacity-building activities.

<i>Sustainable Development Goals</i>	<i>ECE Body</i>	<i>Regulatory Work</i>	<i>Capacity Building</i>	<i>Analytical Work</i>	<i>Contributions</i>
	WP.5		✓	✓	Produces knowledge material on improving access to markets by citizens, including to education - access to schools, vocational training, etc.
	All WPs administering UN Conventions/ ITC	✓	✓	✓	All ECE Bodies take into consideration a gender balanced perspective in the conduct of their work. WP.6 in particular monitors transport trends with gender disaggregation, for example splitting road traffic casualties by gender.
	ECOSOC Committee of Experts ST/SG/AC.10 <sup>2</sup> and WP.15	✓	✓	✓	Develops mechanisms addressing identification of chemicals hazardous to the aquatic environment as well as the conditions to ensure their safe transport and handling. These are the Model Regulations for the transport of Dangerous Goods, the GHS, and the European Agreements concerning the International Carriage of Dangerous Goods by Road (ADR) and by Inland Waterways (ADN). Their implementation contributes to minimise the risks of release into the environment thus preventing water contamination.
	WP.29	✓	✓	✓	Develops, adopts and promotes United Nations vehicle regulations, aimed at improving vehicle environmental performance, thereby promoting marketing of more efficient vehicles. Manages the ForFITS Model, a tool that provides guidance and assists stakeholders to quantify the policy impact on air quality of the transport sector's activity and to anticipate future needs by offering a forward-looking analysis.
	WP.5		✓	✓	Develops knowledge material on transition to sustainable transport and mobility, among others, by providing guidance for greening transport

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					and mobility, thus making it possible for trips to become more energy efficient.
	WP.24	✓	✓	✓	Provides regulatory support regarding pan-European networks and service standards for combined transport (AGTC) as well as promotes use of energy efficient and less polluting transport modes for transport of freight.
	WP.24	✓	✓	✓	Protects labour rights and safe and secure working conditions through administering standards such as the Code of Practice on the Packing of Cargo Transport Units (CTU Code).
	SC.1	✓	✓	✓	Provides standards and tools aimed at protecting the labour rights of crews of vehicles engaged in international road transport (i.e. use of AETR). Provides standards and tools aimed at protecting the labour rights of crews of vehicles engaged in international road transport (i.e. use of AETR). The <i>Convention on the Contract for the International Carriage of Goods by Road (CMR)</i> facilitates international road freight transport by standardizing the conditions governing the contract for the international carriage of goods by road, particularly with respect to the documents used for such carriage and to the carrier's liability in the case of a delay or the partial loss of the goods. The <i>Additional Protocol to the CMR concerning the electronic consignment note (e-CMR)</i> , under purview of SC.1 provides CMR contracting parties with the option of computerizing the current system of paper consignment notes to electronic ones. The latter has the potential for reducing costs and time, and hence contributing to economic growth.
	WP.29	✓	✓	✓	Develops, adopts and promotes United Nations vehicle regulations, aimed at improving vehicle safety, including technical provisions relevant for drivers of commercial vehicles, buses and coaches improving their driving conditions and safety.
	SC.3	✓	✓	✓	Supports efforts aimed at mutual recognition of boat master's certificates and harmonization of professional requirements in inland navigation.

<i>Sustainable Development Goals</i>	<i>ECE Body</i>	<i>Regulatory Work</i>	<i>Capacity Building</i>	<i>Analytical Work</i>	<i>Contributions</i>
					Also promotes recreational navigation through administering the international certificate for operators of pleasure craft (ICC).
	WP.15	✓	✓	✓	Administer ADR and ADN which ensure mutual recognitions of certificates for vehicles, vessels, drivers, etc, and provide a framework for information exchange among Contracting Parties thus contributing to reduce the number of checks and the overall waiting time at the border of vehicles and vessels transporting dangerous goods.
	ECOSOC Sub-Committee of Experts on GHS ST/SG/AC.10/C.4 <sup>3</sup>	✓	✓	✓	Defines a worldwide harmonized set of criteria for identification of hazards posed by chemicals and standardizing the hazard communication tools, thus protecting labour rights and ensuring safe working conditions. Workers in countries implementing them have access to the same level of protection and information regarding the hazards and protective measures to be taken depending on the hazardous chemicals they use at the workplace.
	WP.30	✓	✓	✓	Prepares, reviews, modifies and administers various United Nations conventions and agreements in the field of border crossing and transit facilitation, including, most notably, the TIR and Harmonization Conventions. It manages the “eTIR Project”, aimed at providing an exchange platform for all actors (Customs authorities, holders and guarantee chains) involved in the TIR system and aimed at boosting, trade and economic development across the countries using it. The Harmonization Convention provides guidelines for the development of appropriate facilities in a number of border controls and sets up minimum requirements for border crossing points for road and rail, as well as road vehicles weighing stations.
	WP.6	✓	✓	✓	Holds traffic censuses (E-Road and E-Rail) aimed at collecting data on traffic movements and producing interactive maps. The censuses enable inter alia to map the economic performance and attractiveness of the respective networks. Provides methodological guidance for compilation of indicator 9.1.2 on passenger and freight volumes.

<sup>3</sup> ECOSOC body serviced by UNECE (Sustainable Transport Division)

<i>Sustainable Development Goals</i>	<i>ECE Body</i>	<i>Regulatory Work</i>	<i>Capacity Building</i>	<i>Analytical Work</i>	<i>Contributions</i>
	SC.1	✓	✓	✓	Administers the European Agreement on Main International Traffic Arteries (or E-road network) to ensure formation of a grid system of reference roads to facilitate international travel.
	SC.2	✓	✓	✓	Supports rail industry and transport policy makers in areas such as: Pan-European rail infrastructure standards (AGC Agreement); the development of a trans-European railway network (TER project); Facilitation of border crossing in international rail transport; Operational aspects of international rail transport (infrastructure capacity, productivity, interoperability, new transport technologies). In doing so promotes sound railway infrastructure development and innovation in the railway sector. The Working Party also supports ongoing efforts to introduce a Unified Railway Law aimed at facilitating cargo transportation between Europe and Asia.
	SC.3	✓	✓	✓	Administers the European Agreement on Main Inland Waterways of International Importance (AGN) and through the ECE Inventory of Main Standards and Parameters of the Waterway Network (Blue Book) offers a continuously updated inventory of existing and envisaged standards and parameters of E-waterways and ports in Europe. It also maintains a Map of the European Inland Waterway Network.
	WP.24	✓	✓	✓	Assists Government policy makers in areas such as: Pan-European networks and service standards for combined transport (AGTC).
	WP.5/ ITC		✓	✓	Serves as a parent body to several of the ECE ITC transport infrastructure projects and master plans, including the Euro-Asian Transport Links Project (Phases I-II-III) and the Trans-European North-South Motorway (TEM) and Trans-European Railway (TER) projects. The TEM Project constitutes a forum for cooperation between the governments of TEM member States, creating standards, good practices and guidelines related to road infrastructure management. The secretariat is the Executing Agency for TEM and TER projects, supported by the Regional Adviser. WP.5 also manages the ECE-led International Transport Infrastructure Observatory.

<i>Sustainable Development Goals</i>	<i>ECE Body</i>	<i>Regulatory Work</i>	<i>Capacity Building</i>	<i>Analytical Work</i>	<i>Contributions</i>
	WP.29	✓	✓	✓	Shapes the legal framework and ensures the safe introduction of Intelligent Transport Systems and other innovative technologies applicable to the inland transport sector.
	WP.5		✓	✓	Produces knowledge material on improving access to markets by citizens.
	WP.29	✓	✓	✓	Shapes the legal framework and ensures the safe introduction of Intelligent Transport Systems and other innovative technologies applicable to the inland transport sector, contributing to safe and sustainable urban mobility.
	WP.15	✓	✓	✓	Shapes the legal framework related to transport of dangerous goods to prevent accidents to persons, property or the environment, to other goods or to the means of transport employed, including in urban environments.
	WP.1	✓	✓	✓	Serves as guardian of several Road Safety Conventions and provides capacity building thereby increasing road safety and reducing traffic fatalities, including in urban environments.
	WP.5		✓	✓	Produces studies on urban mobility issues, including in the framework of THE PEP and formulates recommendations to overcome challenges in transport and mobility in urban context.
	WP.6	✓	✓	✓	Enables evidence-based decisions around city transport policies by collecting urban public transport statistics.
	ITC		✓	✓	Through the work of the secretariat, an innovative road safety decision-making tool, SafeFITS is provided. The Road Safety Performance Reviews includes s separate chapter on urban transport safety.

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	WP.29	✓	✓	✓	Develops, adopts and promotes UN vehicle regulations, aimed at improving vehicle environmental performance and creation of clean and safe vehicles for all.
	WP.5/ ITC		✓	✓	Serves a parent body to several of the ECE transport infrastructure projects and master plans, including the Euro-Asian Transport Links Project (Phases I-II-III) and the Trans-European Motorway (TEM) and Trans-European Railway (TER) projects. The TEM and TER projects are managed by the Regional Adviser.
	ECOSOC Committee of Experts on TDG and GHS  ST/SG/AC.10 <sup>4</sup>	✓	✓	✓	Develops and updates the <i>Model Regulations on the Transport of Dangerous Goods</i> and the <i>Globally Harmonized System of Classification and Labelling of Chemicals</i> (GHS) thereby contributes to achieving the environmentally sound management of chemicals.
	WP.11	✓	✓	✓	Develops and updates the <i>Agreement concerning the International Carriage of Perishable Foodstuffs</i> and on the <i>Special Equipment to be Used for such Carriage (ATP)</i> and promotes facilitation of international transport of perishable foodstuffs by harmonizing the relevant regulations and rules and the administrative procedures and documentation requirements to which this refrigerated transport is subject.
	WP.30	✓	✓	✓	Oversees the TIR Convention, which improves the distribution of food by ensuring that cargo is transported across borders in a faster and more secured manner. In addition, it also allows the transit of food to be safer and more reliable by making simplified border procedures using internationally recognized transit documents and guarantees. The issue of food supply chain is also covered by the Harmonization Convention which improves efficiency and reliability in the distribution of food by incorporating several provisions aimed at encouraging contracting

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					parties to reduce physical controls and promoting cooperation at the border to expedite the passage of perishable goods.
	WP.29	✓	✓	✓	<p>Conducts research and analysis to develop emission and energy requirements and regulations for vehicles, thereby strengthening resilience and adaptive capacity to climate related hazards</p> <p>Manages the ForFITS Model, a tool that provides guidance and assists stakeholders to quantify the policy impact on air quality of the transport sector's activity and to anticipate future needs by offering a forward-looking analysis.</p>
	WP.5		✓	✓	Hosts a Group of Experts on Climate Change impacts and adaptation for transport networks and nodes (WP.5/GE.3) which raises awareness about the important challenges that climate change impacts and adaptation requirements present for international transport networks.
	WP.24	✓	✓	✓	Manages harmonized networks and service standards for combined transport (AGTC) to enhance efficiency and environmental sustainability of the inter-modal sector.
	SC.3	✓	✓	✓	Administers the <i>European Agreement on Main Inland Waterways of International Importance (AGN)</i> and through the <i>UNECE Inventory of Main Standards and Parameters of the Waterway Network (Blue Book)</i> offers a continuously updated inventory of existing and envisaged standards and parameters of E-waterways and ports in Europe. It also maintains a <i>Map of the European Inland Waterway Network</i> . Also administers resolutions aimed at preventing water pollution from inland vessels.
	WP.15	✓	✓	✓	Shapes the legal framework related to transport of dangerous goods to prevent accidents involving persons, property or the environment (incl. inland waterways or coastal areas).

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	WP.29	✓	✓	✓	Shapes the legal framework and ensures the safe introduction of Intelligent Transport Systems and other innovative technologies applicable to the inland transport sector, having impact on land use e.g. when considering parkings or when working on introducing Automated and Connected Vehicles.
	All WPs administering UN Conventions	✓	✓	✓	Create and assist in implementing international law, thereby contribute to enhancing institutions and their capacities.
	SC.1	✓	✓	✓	Promotes the development and facilitation of international road transport by harmonizing and simplifying the rules and requirements. Draws up, manages and updates international legal instruments such as the <i>Convention on the Contract for the International Carriage of Goods by Road (CMR)</i> and as of 2008, the eCMR. SC.1 also functions as a parent body to technical expert groups such as those concerning the digital tachograph rules for transport of passengers by coach and bus. It also promotes the third-party motor liability insurance law (Green card system). SC.1 also administers the European Agreement on Main International Traffic Arteries (or E-road network). In doing so it helps strengthen investment promotion regimes and encourages public-private partnerships.
	SC.2	✓	✓	✓	Supports rail industry and transport policy makers in areas such as: Pan-European rail infrastructure standards (AGC Agreement); the development of a trans-European railway network (TER project); Facilitation of border crossing in international rail transport; Operational aspects of international rail transport (infrastructure capacity, productivity, interoperability, new transport technologies).
	SC.3	✓	✓	✓	Administers the <i>European Agreement on Main Inland Waterways of International Importance (AGN)</i> and through the <i>UNECE Inventory of Main Standards and Parameters of the Waterway Network (Blue Book)</i>

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					offers a continuously updated inventory of existing and envisaged standards and parameters of E-waterways and ports in Europe. It also maintains a <i>Map of the European Inland Waterway Network</i> .
	WP.5/ ITC	✓	✓	✓	Serves a parent body to several of the ECE transport infrastructure projects and master plans, including the Euro-Asian Transport Links Project (Phases I-II-III) and the Trans-European Motorway (TEM) and Trans-European Railway (TER) projects. The TEM and TER projects are managed by the Regional Adviser. WP.5 also hosts a designated Expert Group on Benchmarking of Transport Infrastructure Costs and provides resource materials on innovative ways to finance transport infrastructure, including through public-private partnerships.
	WP.30	✓	✓	✓	Oversees the TIR Convention, which sets up a system aimed at ensuring that customs duties and taxes during transit operations are covered by an internationally recognized guarantee which is currently fixed at 100,000 Euros per TIR Carnet. The TIR Convention, through its guarantee system, allows for improved security in the collection of duties and taxes by its contracting parties.

## List of ECE ITC Working Parties

- Global Forum for Road Traffic Safety (WP.1)
- Working Party on Road Transport (SC.1)
- Working Party on Rail Transport (SC.2)
- Working Party on Inland Water Transport (SC.3)
- Working Party on Transport Trends and Economics (WP.5)
- Working Party on Transport Statistics (WP.6)
- Working Party on Transport of Perishable Foodstuffs (WP.11)
- Working Party on Transport of Dangerous Goods (WP.15)

ECOSOC Committee of Experts on Transport of Dangerous Goods (TDG) and on the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) and its two subsidiary bodies (TDG Sub-Committee and GHS Sub-Committee)

ECOSOC Sub-Committee of Experts

Working Party on Intermodal Transport and Logistics (WP.24)

World Forum for Harmonization of Vehicle Regulations (WP.29)

Working Party on Customs Questions Affecting Transport (WP.30)

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