

Transport Statistics – an important tool for policy development and measuring achievements in the implementation of the SDGs

SPECA Workshop on Road Transport and Road Safety Statistics
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Section

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UNECE

Introduction

- UNECE
- UNECE and transport statistics
- The role of transport statistics and the 2030 Sustainable Development Agenda

The visible signs of UNECE transport



Transport Statistics is fundamental for all our work

UNECE and transport statistics (1)

- Working Party 6 on Transport Statistics
 - Collection of data
 - Common methodologies
- Development and renewal of statistics database
- Preparation of a Glossary of transport statistics
- Development of a common questionnaire
- Dissemination of data through website and a number of publications

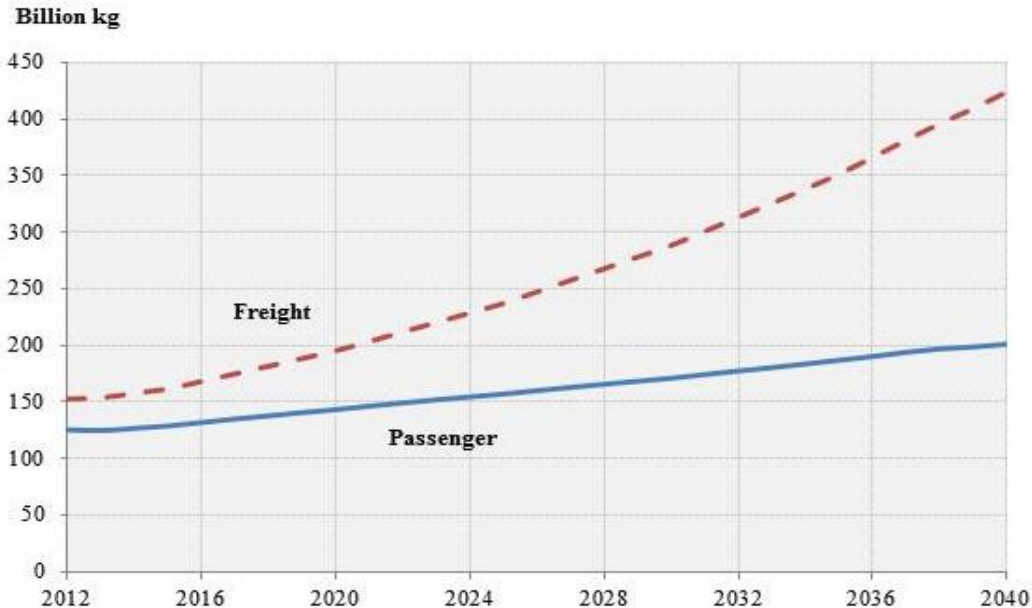
All done in cooperation with the International Transport Forum (OECD) and Eurostat (European Union)

UNECE and transport statistics (2)

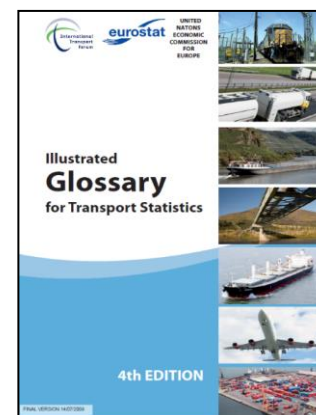
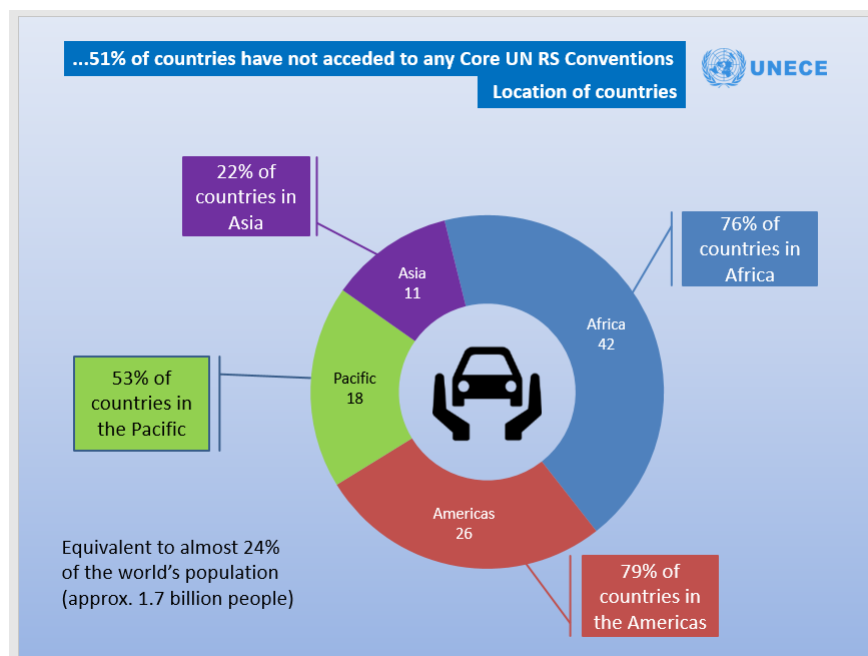
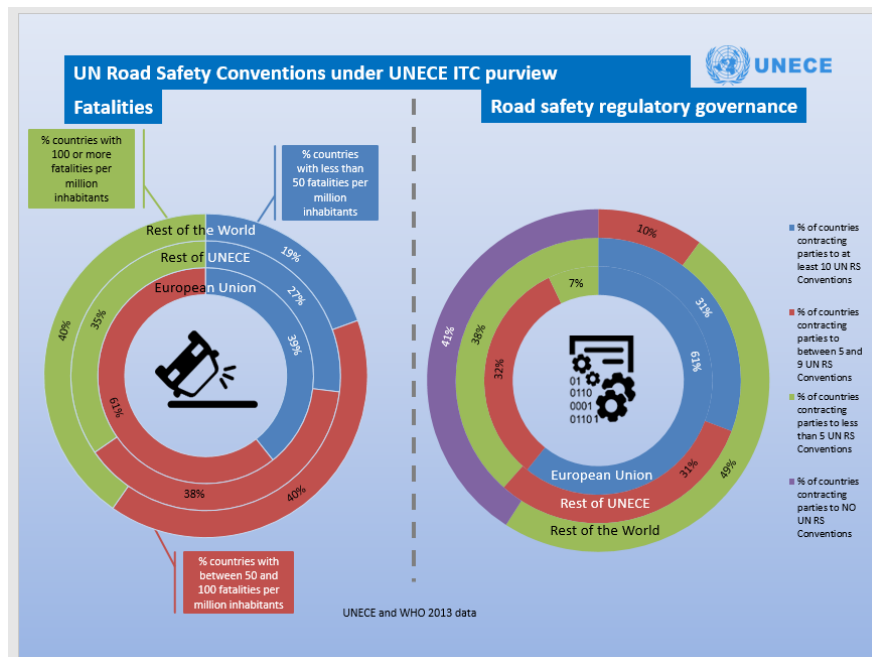
We support **regulatory push** combined with awareness for the environment and climate

- UNECE region success: decoupling of CO₂ and motorization growth
- But still significant emitter
- **UNECE MICs CO₂ emissions from inland transport will more than triple by 2030 if no powerful intervention**

Well-to-wheel CO₂ emissions from freight and passenger inland transport in selected UNECE member States in middle-income countries: 2012–2040 / ForFITS model



Examples of UNECE publications



Transport statistics and the SDGs (1)

SDGs Targets		Sustainable Transport Division			
		Analytical work	Capacity Building	Regulatory Work	
1 NO POVERTY	1.4. ...ensure that all men and women...have access to basic services 1.5. ...reduce their exposure and vulnerability to climate-related extreme events	1	Transport for Sustainable Development: The case of inland transport		WP.5
2 ZERO HUNGER	2.1. ...access to food all year round 2.a. ...Increase investment...in rural infrastructure...	2	Benchmarking transport infrastructure construction costs	☑ Perishable Foodstuffs (ATP)	WP.5, WP.11
3 GOOD HEALTH AND WELL-BEING	3.6. ...halve the number of global deaths and injuries from road traffic accidents 3.9.... reduce the number of deaths from...hazardous chemicals and air pollution...	3	☑ a. Diesel Engine Exhausts ☑ b. Intelligent Transport Systems Strategy ☑ c. THE PEP ☑ d. R.S. papers	☑ a. Support to Special Envoy on Road Safety ☑ b. Promoting R.S. ☑ c. R.S. films ☑ d. SAFEFITS ☑ e. UNDA Road Safety Mgt Project	WP.1, WP.29, WP.5, WP.15, WP.6, WP.24, SC.1
4 QUALITY EDUCATION	4.3. ...ensure equal access for all women and men to ...education	4	☑ a. Transport for Sustainable Development ☑ b. Sustainable Urban Mobility and Public Transport		WP.5
6 CLEAN WATER AND SANITATION	6.1. ... achieve universal and equitable access to safe and affordable drinking water for all	6			WP.5
7 AFFORDABLE AND CLEAN ENERGY	7.3. ...improvement in energy efficiency...	7	☑ a. Diesel Engine Exhausts	☑ a. Promoting Vehicles Regulations ☑ b. Periodical technical inspections	WP.29, WP.5, WP.24
8 DECENT WORK AND ECONOMIC GROWTH	8.8. Protect labour rights and promote safe and secure working environments for all workers	8	a. Mutual recognition of boat masters certificates b. Work of Crews of Vehicles Engaged in Intl Road Transport	Harmonization of professional requirements in inland navigation	WP.24, SC.3, SC.1
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	9.1. Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure	9	☑ a. ITS Strategy ☑ b. Border Crossing Facilitation Papers ☑ c. C.C. Adaptation	☑ a. Financing Infrastructure ☑ b. TEM & TER and EATL projects ☑ c. B/C Facilitation	WP.30, WP.6 SC.1, SC.2, SC.3, WP.24, WP.5, WP.29
11 SUSTAINABLE CITIES AND COMMUNITIES	11.2. Provide access to safe, affordable, accessible and sustainable transport systems for all	11	☑ a. Sustainable Urban Mobility and Public Transport ☑ b. Transport for Sustainable Development ☑ c. ITS Strategy	☑ a. Urban Mobility and Public Transport ☑ b. FoRFITS ☑ c. SAFEFITS ☑ d. THE PEP	WP.29, WP.15, WP.1 WP.5, SC.1, SC.2, WP.24
12 RESPONSIBLE CONSUMPTION AND PRODUCTION	12.3. ...reduce food losses along production and supply chains... 12.c. ...fuel subsidies 12.4. ...achieve the environmentally sound management of chemicals ...	12	a. EATL, TEM, TER projects b. ATP Roadmap c. Border Crossing Facilitation Papers	☑ a. Transport Corridors ☑ b. promoting Vehicles Regulations	WP.29, WP.5, WP.15, WP.11, WP.1 WP.30
13 CLIMATE ACTION	13.1. Strengthen resilience and adaptive capacity to climate-related hazards 13.3. / 13.a Climate Change Mitigation	13	☑ a. C.C. Adaptation ☑ b. C.C. adaptation & Transport	☑ a. ForFITS ☑ b. Non road mobile machinery project	WP.29, WP.5, WP.24
14 LIFE BELOW WATER	14.1. ...prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities.....	14	☑ a. Ports Hinterland Connections	☑ a. Inland Waterways and coastal shipping	SC.3, WP.15, ECOSOC, WP.5
17 PARTNERSHIPS FOR THE GOALS	17.5 Adopt and implement investment promotion regimes; 17.11 Significantly increase the exports of developing countries 17.17 Encourage and promote public-private partnerships	17	☑ a. EATL, TEM, TER projects ☑ b. Transport for Sustainable Development	☑ a. Innovative ways to finance Transport infrastructure ☑ b. PPPs and Rail	SC.1, SC.2, SC.3, WP.24, WP.5, WP.30

Transport statistics and the SDGs (2)



SAFE, CLEAN, SECURE AND EFFICIENT MOBILITY FOR PEOPLE AND FREIGHT



Inclusive International Legal Architecture



Effective Public Administration



International Cooperation



Innovative Financing



New Technologies



Social Responsibility

enablers

objectives

Seamless B / C

Facilitated international transport

Reduced GHG emissions

Reduced air / noise pollution

Increased P.T. Mobility Choices

Zero traffic fatalities and injuries

Efficient transport services

Enjoyable walking and cycling

The future
Inland Transport
WE WANT!

Sustainable Development Goals (SDGs)



The goals directly related to transport

SDG targets and indicators related to transport



3.6 By 2020, halve the number of global deaths and injuries from road traffic accidents

- 3.6.1 Death rate due to road traffic injuries

9.1 Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all

- 9.1.1 Proportion of the rural population who live within 2 km of an all-season road
- 9.1.2 Passenger and freight volumes, by mode of transport

11.2 By 2030, provide access to safe, affordable, accessible and sustainable transport systems for all, improving road safety, notably by expanding public transport, with special attention to the needs of those in vulnerable situations, women, children, persons with disabilities and older persons

- 11.2.1 Proportion of the population that has convenient access to public transport, disaggregated by age group, sex and persons with disabilities

SDGs and statistics – Next steps

- Still early days for the monitoring of the SDGs
- Data availability needs to be checked
- Sources need to be defined
- Roles and responsibilities need to be assigned

BUT:

- You already have a significant amount of data on this
- We already gather much of it from you

Thank you for your attention

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