

Climate Change Impacts and Adaptation for Transport Networks and Nodes



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UNITED NATIONS

Geneva, 2020

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This report is a product of work of the Group of Experts on Climate Change Impacts and Adaptation for Transport Networks and Nodes during its 2015-2019 mandate. This work as well as preparation of the report was coordinated by Mr. Konstantinos Alexopoulos and Mr. Lukasz Wyrowski (United Nations Economic Commission for Europe). The Group was chaired by Mr. Jerzy Kleniewski (Poland) and Mr. Piet de Wildt (Netherlands). Invaluable inputs to the Group's work and to developing the report were provided, in particular, by Mr. Paul Bowyer (Climate Service Center Germany), Ms. Stephanie Hänsel (Deutscher Wetterdienst, Germany), Ms. Elizabeth Smalley (Transport Canada), Mr. Adonis Velegrakis (University of the Aegean, Greece) and Mr. Martin Dagan (United Nations Economic Commission for Europe). A more detailed list of acknowledgments is provided on page 5.

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United Nations publication issued by the United Nations Economic Commission for Europe.

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ECE/TRANS/283
UNITED NATIONS PUBLICATION
Sales No. E.20.II.E.23
ISBN 978-92-1-117237-9
eISBN 978-92-1-004779-1

United Nations Economic Commission for Europe (ECE)

The United Nations Economic Commission for Europe (ECE) is one of the five United Nations regional commissions, administered by the Economic and Social Council (ECOSOC). It was established in 1947 with the mandate to help rebuild post-war Europe, develop economic activity and strengthen economic relations among European countries, and between Europe and the rest of the world. During the Cold War, ECE served as a unique forum for economic dialogue and cooperation between East and West. Despite the complexity of this period, significant achievements were made, with consensus reached on numerous harmonization and standardization agreements.

In the post-Cold War era, ECE acquired not only many new member States, but also new functions. Since the early 1990s the organization has focused on analyses of the transition process, using its harmonization experience to facilitate the integration of central and eastern European countries into global markets. ECE is the forum where the countries of western, central and eastern Europe, Central Asia and North America – 56 countries in all – come together to forge the tools of their cooperation. That cooperation concerns economic cooperation and integration, statistics, environment, transport, trade, sustainable energy, forestry and timber, housing and land management and population. The Commission offers a regional framework for the elaboration and harmonization of conventions, norms and standards. The Commission's experts provide technical assistance to the countries of South-East Europe and the Commonwealth of Independent States. This assistance takes the form of advisory services, training seminars and workshops where countries can share their experiences and best practices.

Inland Transport Committee (ITC) – Centre of United Nations Transport Convention

Transport in Economic Commission for Europe

The ECE Sustainable Transport Division is the secretariat of the Inland Transport Committee (ITC) and the ECOSOC Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals. The ITC and its 17 working parties, as well as the ECOSOC Committee and its sub-committees are intergovernmental decision-making bodies that work to improve the daily lives of people and businesses around the world, in measurable ways and with concrete actions, to enhance traffic safety, environmental performance, energy efficiency and the competitiveness of the transport sector.

The ECOSOC Committee was set up in 1953 by the Secretary-General of the United Nations at the request of the Economic and Social Council to elaborate recommendations on the transport of dangerous goods. Its mandate was extended to the global (multi-sectoral) harmonization of systems of classification and labelling of chemicals in 1999. It is composed of experts from countries which possess the relevant expertise and experience in the international trade and transport of dangerous goods and chemicals. Its membership is restricted to reflect a proper geographical balance between all regions of the world and to ensure adequate participation of developing countries. Although the Committee is a subsidiary body of ECOSOC, the Secretary-General decided in 1963 that the secretariat services would be provided by the ECE Sustainable Transport Division.

ITC is a unique intergovernmental forum that was set up in 1947 to support the reconstruction of transport connections in post-war Europe. Over the years, it has specialized in facilitating the harmonized and sustainable development of inland modes of transport. The main results of this persevering and ongoing work are reflected, among other things, (i) in 59 United Nations conventions and many more technical regulations, which are updated on a regular basis and provide an international legal framework for the sustainable development of national and international road, rail, inland water and intermodal transport, including the transport of dangerous goods, as well as the construction and inspection of road motor vehicles; (ii) in the Trans-European North-south Motorway, Trans-European Railway and the Euro-Asia Transport Links projects, that facilitate multi-country coordination of transport infrastructure investment programmes; (iii) in the TIR system, which is a global customs transit facilitation solution; (iv) in the tool called For Future Inland Transport Systems (ForFITS), which can assist national and local governments to monitor carbon dioxide (CO₂) emissions coming from inland transport modes and to select and design climate change mitigation policies, based on their impact and adapted to local conditions; (v) in transport statistics – methods and data – that are internationally agreed on; (vi) in studies and reports that help transport policy development by addressing timely issues, based on cutting-edge research and analysis. ITC also devotes special attention to Intelligent Transport Services (ITS), sustainable urban mobility and city logistics, as well as to increasing the resilience of transport networks and services in response to climate change adaptation and security challenges.

In addition, the ECE Sustainable Transport and Environment Divisions, together with the World Health Organization (WHO) – Europe, co-service the Transport Health and Environment Pan-European Programme (THE PEP). Finally, as of 2015, the ECE Sustainable Transport Division is providing the secretariat services for the Secretary-General’s Special Envoy for Road Safety, Mr. Jean Todt, and as of 2018 the secretariat services for the United Nations Road Safety Fund.

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