

ECONOMIC COMMISSION FOR EUROPE

EXECUTIVE COMMITTEE

119th meeting
Geneva, 16 December 2021

Item 13

Informal Document No. **2021/45**

Extrabudgetary project
Building resilient, climate adaptive
and economically viable transport infrastructure networks

**UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE
TECHNICAL COOPERATION PROJECT FORM**

Project title: Building resilient, climate adaptive and economically viable transport infrastructure networks		
Expected timing/ duration: January 2022 – December 2024		
Objective and brief summary of the project: The objective of the project is to strengthen the capacities of national experts from Eastern Europe, the Caucasus, Central Asia, and South Eastern Europe to adapt their transport systems to climate change challenges and increase their resilience towards external contingencies as well as contribute towards the creation of more economically viable inland transport corridors. In doing so, the project will support the UNECE Working Party on Transport Trends and Economics (WP.5) in fulfilling its mandate to assume the unique role of a transport “think tank” in the framework of ITC. The objective of the Working Party is to enhance the understanding of the main inland transport trends and developments and strengthen international cooperation to develop sustainable Euro-Asian transport links. In particular, the six clusters of work of the Working Party are: (i) development of transport networks and/or links; (ii) transport infrastructure data; (iii) transport and climate change; (iv) inland transport security; (v) sustainable urban mobility, cycling and public transport; and (vi) Review and monitoring of emerging issues and sustainable development goals. The project is designed to provide support for the further operationalization of the UNECE established International Transport Infrastructure Observatory (ITIO) and the work on transport resilience (i.e. thematic clusters i., ii. and iii). The ITIO is a multi-stakeholder, web based Geographic Information System (GIS) platform which hosts data on a large variety of transport infrastructure networks and nodes across different modes including road, rail, inland waterways, ports, airports, intermodal terminals, logistics centres and border crossing points. It offers a digital environment that provides access to and visualizes data to support transport decision makers across the UNECE region to develop the transport sector so that it is sustainable, seamless but also resilient to the many challenges at hand, among others such as those caused by climate change, pandemics and other types of external shocks. The objective will be achieved by implementing the following activities: A1.1. Conduct vulnerability assessments of a specific transport asset to climate change and extreme weather events in selected countries of Eastern Europe, South Caucasus, and Central Asia and integrate the collected data into the ITIO; A.2.1. Develop and pilot a concept for international contingency management aimed at building resilience of transport systems in case of emergencies, including for rail, road, and inland waterway sectors; A.2.2. Support countries on Euro-Asian inland transport corridors in setting up coordination and performance review mechanisms inter alia through developing a concept for transport data inter-operability and dematerialization of transport documents and organizing UNECE region wide workshops (4) to discuss these proposals and initiate pilot studies.		
Expected results of the project: EA1. Increased understanding of experts from Eastern Europe, the Caucasus, Central Asia, and South Eastern Europe on adapting transport systems to climate change and increasing resilience towards external contingency situations; EA2. Increased knowledge of experts from Eastern Europe, Caucasus, Central Asia, and South Eastern Europe on how to build economically viable transport corridors.		
Target group and beneficiaries of the project: Beneficiary countries are countries of Eastern Europe, the Caucasus, Central Asia, and South Eastern Europe. The project targets transport experts from ministries of transport in charge of transport infrastructure management as well as other relevant stakeholders both public and private dealing with corridor management and operationalization.		
Justification of project and its relationship to the programme of work: The proposed project directly contributes to the objective of the Subprogramme 2 "Transport" “to advance a regionally and globally sustainable inland transport (road, rail, inland waterway and intermodality) system by making it safer, cleaner, more efficient and more affordable, both for freight transport and people’s mobility” of the UNECE proposed programme budget for 2022.		
Estimated UN regular budget resources (work months of RB staff/level of Staff): 1 month of RB/ P4, 1 month of RB/P3		
Estimated extra budgetary resources:		
Donor	Amount (US\$)	
The Netherlands	225,292	
Project Manager: Roel Janssens 22.11.2021	Section/Division: Transport Facilitation and Economics Section Sustainable Transport Division	
Cleared by Programme Management Unit: Nicolas Dath-Baron Chief, ai 22.11.2021	Approved by EXCOM¹	16.12.2021

¹ See paragraph 31 (a) of Commission decision A(65).

Annex
Results-based budget for the extra-budgetary project

Expected Accomplishments	Planned activities	Estimated costs (US\$)
EA1. Increased understanding of experts from Eastern Europe, Caucasus, Central Asia, and South Eastern Europe on adapting transport systems to climate change and increasing resilience towards external contingency situations.	A1.1 Conduct vulnerability assessments of a specific transport asset to climate change and extreme weather events in selected countries of Eastern Europe, South Caucasus, and Central Asia and integrate the collected data into the ITIO International consultant x 3 months x \$9,000 GIS/ IT expert x 1 month x \$10,000 National consultants x 4 months x \$3,000 Contractual services (GIS/ IT licenses) x \$3,000 Contractual services (2 meetings, requiring rental of room and equipment, interpretation services) x \$3,000 x 2 Travel of 15 experts x 1 mission x \$ 800 Travel of 2 staff x 2 missions x \$1,250	75,000 27,000 10,000 12,000 3,000 6,000 12,000 5,000
	A2.1. Develop and pilot a concept for international contingency management aimed at building resilience of transport systems in case of emergencies, including for rail, road, and inland waterway sectors International consultant x 2 months x \$9,000 National consultants x 2 months x \$3,000 Contractual services (2 meetings, requiring rental of room and equipment, interpretation services) x \$ 3,000 x 2 Travel of 15 experts x 1 mission x \$800 Travel of 2 staff x 2 missions x \$1,250	47,000 18,000 6,000 6,000 12,000 5,000
	A2.2. Support countries on Euro-Asian inland transport corridors in setting up coordination and performance review mechanisms inter alia through developing a concept for transport data inter-operability and dematerialization of transport documents and organizing UNECE region wide workshops (4) to discuss these proposals and initiate pilot studies International consultant x 2 months x \$8,000 GIS/ IT expert x 1,5-month x \$15,000 National consultants x 3 months x \$4,000 Contractual services (coordination meeting, requiring rental of room and equipment, interpretation services) x 4 x \$2,000 Travel of 18 experts x \$800 Travel of 2 staff x 4 missions x \$1,250	75,400 16,000 15,000 12,000 8,000 14,400 10,000
Budget summary		197,400
13% of Programme Support Costs		25,662
1% levy		2,230
Total		225,292