

ECONOMIC COMMISSION FOR EUROPE

EXECUTIVE COMMITTEE

111th meeting
Geneva, 5 October 2020

Item 6

Informal Document No. 2020/45

Extrabudgetary project

Enhanced adaptation of transport systems to climate change

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

Project title: Enhanced adaptation of transport systems to climate change		
Expected timing/ duration: October 2020 – December 2025		
Objective and brief summary of the project: <p>The objective of the project is to enhance adaptation of transport systems to climate change by supporting activities of the Group of Experts on assessment of climate change impacts and adaptation for inland transport. The establishment of the Group was approved by EXCOM at its meeting on 20 May 2020 (decision No.11) and endorsed by EXCOM at its meeting on 10th of July. The Group of Experts is tasked to: (i) raise awareness, build capacity and integrate knowledge from countries and the scientific community on climate change impact assessment and adaptation for inland transport, and (ii) advance the state of knowledge on, and the analysis of climate change impacts on inland transport, and the identification of suitable and cost-effective adaptation measures. Mandate and the terms of reference can be consulted at http://www.unece.org/fileadmin/DAM/trans/doc/2020/itc/ECE-TRANS-2020-6e.pdf. The objective will be achieved by implementing the following activities:</p> <p>A1.1. Participation of experts from developing countries and countries with economies in transition in meetings of the group of experts between 2020 and 2025;</p> <p>A1.2. Conducting vulnerability assessments of a specific transport asset to climate change and extreme weather events (for example, assessment of natural and anthropogenic factors modifying the risks to transport assets, evaluation of individual characteristics of the asset, impact modelling and assessment of cause-effect relationships between climate parameters and impacts on the infrastructure, cross-sectors and intermodal analysis).</p> <p>A.2.1. Participation of UNECE staff in international conferences on the topics of transport and adaptation to climate change.</p> <p>The vulnerability assessments will support, at a later stage, the creation of a knowledge database of characteristics of vulnerable transport infrastructure and dedicated cost-effective adaptation measures as well as elaboration of guidance material for integration of climate change considerations in transport planning and operational processes.</p>		
Expected results of the project: <p>EA1. Increased understanding of experts from developing countries and countries with economies in transition on the urgency for adapting transport systems to climate change and improvement of their knowledge on the ways for assessing transport assets vulnerabilities to climate change;</p> <p>EA2. Raised awareness of the broader audience of the work of UNECE on transport and climate change adaptation.</p>		
Target group and beneficiaries of the project: <p>Beneficiary countries are countries of Eastern Europe, Caucasus, Central Asia and South Eastern Europe as well as all concerned UN member States. The project targets transport experts from ministries of transport in charge of transport infrastructure management.</p>		
Justification of project and its relationship to the programme of work: <p>The project is directly linked to the objective of the Subprogramme 2 “Transport” “to improve sustainable inland transport by making it safer, cleaner, more efficient and more affordable, for both freight transport and personal mobility” of the UNECE programme budget for 2020 and proposed programme budget for 2021. This project contributes to achieving a result of a climate resilient transport infrastructure and to an overall goal of making inland transport connectivity and mobility sustainable of the Strategy until 2030 of the UNECE Inland Transport Committee.</p>		
Estimated UN regular budget resources (work months of RB staff/level of Staff): <p>1 month of P4/ RB</p>		
Estimated extra budgetary resources:		
Donor	Amount (US\$)	
The Netherlands	74,000	
<small>(includes remainder of funding from E343 project “Raising awareness on adaptation of transport infrastructure to changing climate and design and implementation of effective adaptation measures” funded by Netherlands)</small>		
Project Manager: Lukasz Wyrowski	Section/Division: Sustainable Transport Division	
15.09.2020		
Cleared by Programme Management Unit: Nicolas Dath-Baron	Approved by EXCOM¹	05.10.2020
Officer-in-Charge		
15.09.2020		

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 developing countries and countries with economies in transition on the urgency for adapting transport systems to climate change and improvement of their knowledge on the ways for assessing transport assets vulnerabilities to climate change;	A1.1. Participation of experts from developing countries and countries with economies in transition in meetings of the group of experts between 2020 and 2025 Travel of 20 experts x \$2,000	40,000
	A1.2. Conducting vulnerability assessments of a specific transport asset to climate change and extreme weather events 2 international consultant x 1-month x \$5,000 3 national consultants x 1-month x \$2,500	17,500 10,000 7,500
EA2. Raised awareness of the broader audience of the work of UNECE on transport and climate change adaptation.	A2.1. Participation of UNECE staff in international conferences on the topics of transport and adaptation to climate change \$2,000 x 4 missions	8 000
Budget summary		65,500
13% of Programme Support Costs		8,500
Total		74,000