

ECONOMIC COMMISSION FOR EUROPE

EXECUTIVE COMMITTEE

119th meeting
Geneva, 16 December 2021

Item 13

Informal Document No. **2021/42**

Extrabudgetary project

**Safe helmets for Rwanda:
building institutional capacity to support local manufacturing of helmets**

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

Project title: Safe helmets for Rwanda: building institutional capacity to support local manufacturing of helmets		
Expected timing/ duration: December 2021 - October 2023		
Objective and brief summary of the project: The objective of the project is to build institutional national capacity to support local manufacturing of helmets beginning with installation of necessary equipment for helmet testing in the Rwanda Standards Board (RSB). The project will illustrate the potential benefits of achieving proof of concept of a motorcycle helmet 'Made in Rwanda' solution that will build academic capacity, generate a new revenue source, promote African independence from foreign imports while saving lives and preventing injuries. Currently no helmet standard is required by the RSB because it lacks the equipment and expertise needed to perform impact testing of helmets sold in the country. Independent lab impact testing of various helmets purchased in Kigali found them to fail catastrophically, unable to mitigate forces that have been shown to induce serious head injuries. Powered two-wheeler (PTW) crashes cause 28% of global Road Traffic Injuries (World Health Organization, Global Status Report on Road Safety, 2018). They make up over half of the registered vehicle fleet in Rwanda and they are involved in road deaths three times more often than any other vehicle. Properly used, certified motorcycle helmets reduce the risk of severe head injury by 69% and death by 42% (UN Regulation No. 22, 05 series of amendments (UN R.22.05) Annexed to the 1958 Agreement). The objective of the project will be achieved by implementing the following activities: A1.1. Draft PTW helmet standards legislation, regulatory and enforcement frameworks; A1.2. Deliver training on UN R22.05 helmet testing equipment and installation ordered, hiring, training and verification of staff competencies at the RSB; A2.1. Install RSB helmet testing equipment including training (co-finance); A2.2. Organise awareness raising events to sensitize of academia and the public to the new resource & purpose; A3.1. Identify local stakeholders to be trained in PTW helmet UN R.22.05 identification, use and benefits; A3.2. Perform baseline evaluation of UN R.22.05 helmets knowledge, attitudes and practices; A3.3. Deliver seven training sessions for the selected private companies and government institutions; A3.4. Conduct assessment on post-training and longitudinal knowledge, attitudes and practices relative to UN R.22.05 PTW helmet's use impact on road.		
Expected results of the project: EA1. Improved national capacities of RSB, governmental officials and road users on UN R.22.05 certified PTW helmets; EA2. Improved knowledge of RSB, governmental officials and public on newly established road safety innovation and research hub for the helmet application; EA3. Increased national capacity on road safety management to maximize impact of new helmet standards.		
Target group and beneficiaries of the project: Target group: RSB, enforcement authorities (e.g. police departments) and road users. Beneficiary country: Rwanda.		
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. The project "Tuwurinde-Safe helmets for Rwanda: building institutional capacity to support local manufacturing of helmets", where UNECE is the implementing partner, responds to the 2021 Call for proposal from the UN Road Safety Fund (UNRSF), submitted by UNECE, UNECA, WHO, FIA. The global role of the UNRSF is defined in its Terms of References (November 2021 - October 2023) (http://mptf.undp.org/document/download/20961).		
Estimated UN regular budget resources (work months of RB staff/level of Staff): 1 month of P5/RB; 1 month of P3/RB.		
Estimated extra budgetary resources:		
Donors	Amount (US\$)	
UN Road Safety Fund	88,275	
Project Manager: Walter Nissler 22.11.2021	Section/Division: Vehicle Regulations and Transport Innovations 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. Improved national capacities of RSB, governmental officials and road users on UN R.22.05 certified PTW helmets	A1.1. Draft PTW helmet standards legislation, regulatory and enforcement frameworks P3 staff x 1 month \$11,000 1 staff mission x \$1,600 General operating costs	13,600 11,000 1,600 1,000
	A1.2. Deliver training on UN R22.05 helmet testing equipment and installation ordered, hiring, training and verification of staff competencies at the RSB International consultant(s) 5,000 \$/month and other personal costs Consultant mission x \$1,600 General operating costs	7,600 5,000 1,600 1,000
EA2. Improved knowledge of RSB, governmental officials and public on newly established road safety innovation and research hub for the helmet application	A2.1. Install RSB helmet testing equipment including training (co-finance); P3 x per ½ month \$6,000 1 staff mission x \$2,900 General operating costs	9,900 6,000 2,900 1,000
	A2.2. Organise awareness raising events to sensitize of academia and the public to the new resource & purpose P3 staff x per 1 month \$11,000 1 staff mission x \$1,600 General operating costs	13,600 11,000 1,600 1,000
EA.3. Increased national capacity on road safety management to maximize impact of new helmet standards	A3.1. Identify local stakeholders to be trained in PTW helmet UN R.22.05 identification, use and benefits P3 staff x \$11,000 1 staff mission \$1,600 General operating costs	13,600 11,000 1,600 1,000
	A3.2. Perform baseline evaluation of UN R.22.05 helmets knowledge, attitudes and practices P3 staff x \$11,000 1 staff mission x \$1,600 General operating costs	13,100 11,000 1,600 500
	A3.3. Deliver seven training sessions for the selected private companies and government institutions P3 staff x \$9,000 1 staff mission x \$1,600 General operating costs	11,000 9,000 1,600 400
	A3.4. Conduct assessment on post-training and longitudinal knowledge, attitudes and practices relative to UN R.22.05 PTW helmet's use impact on road (covered by ECA)	no-cost
Budget summary		82,500
7%of Programme Support Costs		5,575
Total		88,275