

ECONOMIC COMMISSION FOR EUROPE

EXECUTIVE COMMITTEE

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Extrabudgetary project

Dissemination of best practices in coal mine methane monitoring, reporting, capture, abatement, and use for the purpose of strengthening national capacities for safe and environmentally responsible management of methane from state owned coal mines

UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE
TECHNICAL COOPERATION PROJECT FORM

Project title and project number: Dissemination of best practices in coal mine methane monitoring, reporting, capture, abatement, and use for the purpose of strengthening national capacities for safe and environmentally responsible management of methane from state owned coal mines		
Expected timing/ duration: August 2023 – May 2024		
Objective and brief summary of the project: The objective of the project is to disseminate among policymakers, state owned mine operators and coal mine workers, best practices in designing and implementing effective policies for monitoring, reporting, abatement, recovery, and use of methane emissions through targeted capacity-building and training activities. The UNECE Group of Experts on Coal Mine Methane and Just Transition (GoE-CMMJT) and the International Centres of Excellence on Coal Mine Methane (ICE-CMMs) operating under the auspices of the Group will work to develop and organize a series of activities and deliverables to further coal mine methane abatement in selected coal mining regions, through the introduction of international best practices, applicable policies, technologies, and mechanisms for monitoring, reporting, verification (MRV), and mitigation of CMM emissions. The project will also strengthen the institutional capacity of the ICE-CMMs, improve their capacity to deliver CMM monitoring and abatement trainings in support of the mandated activities of the Group of Experts, and further build an international coalition of stakeholders working on promoting effective CMM methane mitigation practices and policies. The objective of the project will be achieved through the following activities: A1.1. Develop an assessment of barriers to and opportunities for national/regional level coal mine methane (CMM) abatement including understanding and analysing available technologies, current policies and practices, available financing, and the role of emissions trading systems in methane mitigation; A1.2. Conduct a series of 2-3 high-level meetings with coal enterprises with the aim of sharing international best practices on coal mine methane (CMM) mitigation technologies, and related policies in at least 2 selected coal mining regions; A2.1. Organize two three-day training workshops with state-owned coal enterprises, centred on international best practices and policies, latest monitoring, reporting and verification (MRV) measures, and developing clearly and comprehensive emissions inventories; A2.2. Organize a summary workshop to share results of international CMM emissions mitigation best practices, including lessons learned and future plans for international collaboration.		
Link to the SDG targets: The project will contribute to the attainment of the following sustainable goals: 7 (targets: 7.1, 7.A), 13 (13.2, 13.3), 3 (3.9), 8 (8.3, 8.4), 9 (9.1, 9.4), 11 (11.6), and 12 (12.2, 12.4, 12.5).		
Expected results of the project: EA1. Improved understanding on the local conditions, opportunities and challenges in methane management from state owned coal mines and policymakers in selected regions; EA2. Increased capacity to apply internationally recognized best practices in monitoring, reporting, abatement, recovery, and use of coal mine methane (CMM).		
Target group and beneficiaries of the project: Target group: high-level coal mining decision makers (management of state own enterprises, local central and local governmental agencies responsible for coal mining, public mining regulatory entities, etc.), professionals and policymakers dealing with the sustainable use of coal mine methane with large scale coal mining industries; global members/beneficiaries of the work of the Group of Experts on Coal Mine Methane and Just Transition, and the International Centres of Excellence on CMM. Beneficiary countries: UNECE member States and selected UN Member States.		
Justification of project and its relationship to the programme of work: The project directly contributes to the objective of the Subprogramme 5 “Sustainable Energy” “to ensure secure access to affordable, reliable, sustainable and modern energy for all and to reduce greenhouse gas emissions and the carbon footprint of the energy sector in the region” of the UNECE programme budget for 2023. The proposed project will be carried out in accordance with the 2022-2023 (ECE/ENERGY/GE.4/2021/3) and the 2024-2025 (ECE/ENERGY/GE.4/2023/3) Work Plans of the Group of Experts on Coal Mine Methane and Just Transition.		
Estimated UN regular budget resources (work months of RB staff/level of Staff): 0.5 months of P5		
Estimated extra budgetary resources:		
Donor	Amount (US\$)	
Clean Air Task Force (CATF)	80,000	
Project Manager: Michal Drabik	Section/Division: Resource Management Section/Sustainable Energy Division	
07.06.2023	Approved by EXCOM¹:	06.07.2023
Cleared by Programme Management Unit: Nicolas Dath-Baron		
07.06.2023		

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 understanding of the local conditions, opportunities and challenges in methane management from state owned coal mines and policymakers in the selected regions	A1.1. Develop an assessment of barriers to and opportunities for national/regional level coal mine methane (CMM) abatement including understanding and analysing of available technologies, current policies and practices, available financing, and the role of emissions trading systems in methane mitigation Staff support x P4 level x 0.5 month x \$16,400 per month (including office and IT equipment x \$550) 1 international consultant x 1 work months x \$5,000	13,750 8,750 5,000
	A1.2. Conduct and participate in a series of high-level meetings (i.e., decision-maker level) with coal enterprises with the aim of sharing of coal mine methane (CMM) international best practices on mitigation technologies, and related policies in 2 selected coal mining regions Staff support x P4 level x 0.5 month x \$16,400 per month (including office and IT equipment x \$550) 1 mission of 1 staff x \$2,200 1 mission of 1 consultant x \$1,000 1 mission of 1 expert x \$2,000	13,950 8,750 2,200 1,000 2,000
EA2. Increased capacity to apply internationally recognized best practices in monitoring, reporting, abatement, recovery, and use of coal mine methane (CMM)	A2.1. Develop, conduct, and participate in two, three-day training workshops with state-owned coal enterprises, cantered on international best practices and policies, the latest monitoring, reporting and verification (MRV) measures, and developing clearly and comprehensive emissions inventories, in 2 selected coal mining regions Staff support x P4 level x 0.5 month x \$16,400 per month (including office and IT equipment x \$550) Administrative support (individual contractor) x 0.5 month x \$6,000 per month 2 missions of 1 staff x \$2,200 2 missions of 1 consultant x \$1,000 2 missions of 2 experts x \$2,000	26,150 8,750 3,000 4,400 2,000 8,000
	A2.2. Organize a summary workshop to share results of international CMM emission best practices, including lessons learned and future plans of international collaboration Staff support x P4 level x 0.5 month x \$16,400 per month (including office and IT equipment x \$550) Administrative support (individual contractor) x 0.5 month x \$6,000 per month 1 mission of 1 staff x \$2,200 1 mission of 1 consultant x \$1,000 1 mission of 1 expert x \$2,000	16,950 8,750 3,000 2,200 1,000 2,000
Budget summary		70,800
13% of Programme Support Costs		9,200
Total		80,000