

**ECONOMIC COMMISSION FOR EUROPE**

EXECUTIVE COMMITTEE

129th meeting

Geneva, 6 July 2023

Item 4 of the provisional agenda

Informal Document no. 2023/29

**Extrabudgetary project**

**Strengthening national capacities to reduce coal mine methane emissions  
from active (CMM) and abandoned (AMM) coal mines and  
to measure and manage methane emissions across the natural gas value chain**

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

<b>Project title and project number:</b> Strengthening national capacities to reduce coal mine methane emissions from active (CMM) and abandoned (AMM) coal mines and to measure and manage methane emissions across the natural gas value chain		
<b>Expected timing/ duration:</b> August 2023 – December 2024		
<b>Objective and brief summary of the project:</b> The objective of the project is to develop and disseminate technical resources on best practices in monitoring, reporting, verifying, (MRV) and mitigating methane emissions from coal mines and natural gas systems. It aims to increase capacity of member States and the private sector to apply best practices in methane management (MRV and mitigation) from the above-mentioned sectors. These goals are to be achieved by raising awareness of the potential for methane emissions reductions in the targeted industries, highlighting the importance of methane mitigation, providing support to activities undertaken by the UNECE Group of Experts (GoE) on CMM and Just Transition’s Taskforce on Methane Emission Reduction, organizing meetings and/or workshops on methane monitoring and mitigation, promoting methane-oriented activities of UNECE and the Global Methane Initiative (GMI) and disseminating resources on that matter that the two organization have jointly developed over the years. The objective of the project will be achieved by implementing the following activities: A1.1. Organizational support of activities of the Taskforce on Methane Emissions Mitigation, as identified by its work plan; A1.2. Outreach to promote good practices on monitoring and mitigation of methane emissions from coal mines, as identified by the UNECE Best Practice Guidance documents on CMM, AMM, and MRV; A2.1. Engagement with the private sector, through a set of dedicated onsite or online meetings targeting selected emitters, to increase its interest in, and capacity to reduce methane emissions from coal mines and to encourage its participation in international methane dialogues; A2.2. Two or three capacity building events on applying best practices in monitoring and mitigation of methane emissions from coal mines; A3.1. Conducting review of the existing methane MRV and mitigation resources in the gas sector; A4.1. Organization of capacity building workshop on applying best practices for methane management; cross-promote and encourage ECE member states’ participation in similar methane mitigation-related events.		
<b>Link to the SDG targets:</b> 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).		
<b>Expected results of the project:</b> EA1. Increased awareness of policymakers and practitioners of available resources on, and best practices in monitoring, reporting, verifying, and mitigating methane emissions from coal mining; EA2. Increased capacity of the selected countries to apply best practices in monitoring, abatement, recovery, and use of methane from coal mines; EA3. Increased awareness of policymakers and practitioners of available resources on, and best practices in monitoring, reporting, verifying, and mitigating methane emissions from natural gas systems; EA4. Increased capacity of the selected countries to apply best practices in monitoring, abatement, recovery, and use of methane from the gas sector.		
<b>Target group and beneficiaries of the project:</b> Target group: policymakers, as well as coal and gas sector practitioners. Beneficiary countries: UNECE member States with the existing coal mining and/or gas sector (Azerbaijan, Kazakhstan, Serbia, Turkey and others) and selected UN Member States.		
<b>Justification of project and its relationship to the programme of work:</b> 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.		
<b>Estimated UN regular budget resources (work months of RB staff/level of Staff):</b> 0.5 months of P5		
<b>Estimated extra budgetary resources:</b>		
<b>Donor</b>	<b>Amount (US\$)</b>	
US Environmental Protection Agency (US EPA)	249,500	
<b>Project Manager:</b> Michal Drabik	05.06.2023	<b>Section/Division:</b> Energy Systems Section/Sustainable Energy Division
<b>Cleared by Programme Management Unit:</b> Nicolas Dath-Baron	05.06.2023	<b>Approved by EXCOM<sup>1</sup>:</b>  <b>06.07.2023</b>

<sup>1</sup> 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 awareness of policymakers and practitioners of available resources on, and best practices in monitoring, reporting, verifying, and mitigating methane emissions from coal mining	A1.1. Organizational support of activities of the Taskforce on Methane Emissions Mitigation, as identified by its work plan. Staff support x P4 level x 1 month x \$16,400 per month (including office and IT equipment x \$550)	16,950 16,950
	A1.2. Outreach to promote good practices on monitoring and mitigation of methane emissions from coal mines, as identified by the UNECE Best Practice Guidance documents on CMM, AMM, and MRV. Staff support x P4 level x 1 month x \$16,400 per month (including office and IT equipment x \$550) 1 consultant x 2 months x \$5,000 per month 1 mission of 1 staff x \$2,770 1 mission of 1 consultant x \$3,000 1 mission of 1 expert x \$3,000	35,720 16,950 10,000 2,770 3,000 3,000
EA2. Increased capacity of the selected countries to apply best practices in monitoring, abatement, recovery, and use of methane from coal mines	A2.1. Engagement with the private sector, through a set of dedicated onsite or online meetings targeting selected emitters, to increase its interest in, and capacity to reduce methane emissions from coal mines and to encourage its participation in international methane dialogues. Staff support x P4 level x 1 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 mission of 1 staff x \$2,770	25,490 16,950 3,000 5,540
	A2.2. Two or three capacity building events on applying best practices in monitoring and mitigation of methane emissions from coal mines Staff support x P4 level x 1 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 \$2,770 1 mission of 12 expert x \$3,000	58,720 16,950 3,000 2,770 36,000
EA3. Increased awareness of policymakers and practitioners of available resources on, and best practices in monitoring, reporting, verifying, and mitigating methane emissions from natural gas systems	A3.1 Conduct review of the existing methane MRV and mitigation resources in the gas sector. Staff support x P4 level x 1.5 month x \$16,400 per month (including office and IT equipment x \$550)	25,150 25,150
EA4. Increased capacity of selected countries to apply best practices in monitoring, abatement, recovery, and use of methane from the gas sector	4.1. Organize capacity building workshop on applying best practices for methane management; cross-promote and encourage ECE member states' participation in similar methane mitigation-related events Staff support x P4 level x 1 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 \$2,770 1 mission of 12 expert x \$3,000	58,720 16,950 3,000 2,770 36,000
Budget summary		220,750
13% of Programme Support Costs		28,750
<b>Total</b>		<b>249,500</b>