

ECONOMIC COMMISSION FOR EUROPE

EXECUTIVE COMMITTEE

Ninety-first meeting
Geneva, 24 March 2017

Item 11(a)

Informal Document No. **2017/23**

Extrabudgetary project

Dissemination of best practices in the abatement, recovery, and use of methane. Phase II

UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE

TECHNICAL COOPERATION PROJECT FORM

PART I. Planning

1. Project title and project number: Dissemination of best practices in the abatement, recovery, and use of methane. Phase II	
2. Expected timing/ duration: January 2018 – 31 December 2019 (two years)	
3. Objective and brief summary of the project: <p>The objective of the project is to disseminate best practices in the abatement, recovery, and use of methane through targeted, demand-driven capacity-building activities. Depending on the selected topics, these activities will be held either close to coal mining areas, or, when appropriate, at and/or in close collaboration with the United Nations International Centres of Excellence on Coal Mine Methane (CMM). The project will build upon the results of previously organized best practice dissemination workshops held in Kazakhstan, Ukraine, China and India over the past seven years. It will also build upon the activities and results of the first phase of the project (January 2016 – December 2017) as approved by EXCOM in June 2015.</p> <p>The objective of the project will be achieved through the following activities:</p> <p>A1.1. Conducting two fact-finding missions to the critical coal mining regions (active and abandoned mines);</p> <p>A1.2. Preparing a report and recommendations from the fact-finding missions;</p> <p>A1.3. Development of best practices (or recommendations) on sustainable management of abandoned coal mines in the UNECE region and beyond;</p> <p>A2.1. Three demand-driven capacity-building workshops, including on methane from abandoned mines (AMM), at a location close to coal mining areas in the inviting country;</p> <p>A2.2. Development of standard training module on best practices in abatement, recovery, and use of methane from coal mines;</p> <p>A2.3. Organisation of three capacity-building seminars, organized in cooperation with the International Centres of Excellence, in Geneva, or at other centrally-located location in the UNECE region and beyond;</p> <p>A2.4. Dissemination of case studies and best practices (including printing);</p> <p>A2.5. Translation of case studies and best practices into additional languages, which may include Turkish, Mongolian, and/or Indonesian.</p> <p>The project will be implemented in selected Global Methane Partner (GMI) countries of the UNECE region and beyond, in collaboration with the regional commissions and other partners according to ECOSOC Decision 222/2011 “to invite States Members of the United Nations, international organizations and the regional commissions to consider the possibility of taking appropriate measures to ensure the application of the Best Practice Guidance [for Effective Methane Drainage and Use in Coal Mines (ECE Energy Series No. 47)] in countries worldwide.” The beneficiary countries will be selected according to the scale of underground coal mine operations and abandoned mines and the severity of challenges faced in the abatement, recovery, and use of CMM and abandoned mine methane.</p>	
Expected results of the project: <p>EA1. Improved understanding of the initial conditions, opportunities and challenges in methane management from active and abandoned coal mines in targeted regions;</p> <p>EA2. Increased capacity to apply internationally recognized best practices in the abatement, recovery, and use of CMM and abandoned mine methane.</p>	
Target group and beneficiaries of the project: <p>Target group: coal mining professionals and policymakers dealing with sustainable use of coal mine and coalbed methane. Beneficiary countries: UNECE and selected United Nations member States (tentative list of countries: Poland, Turkey, China, Colombia, Mongolia and Vietnam).</p>	
Justification of project and its relationship to the programme of work: <p>The project is linked to the expected accomplishment (a) “Improved policy dialogue and cooperation among all stakeholders on sustainable energy issues, in particular energy efficiency, cleaner electricity production from fossil fuels, renewable energy, coal mine methane, mineral resources classification, natural gas and energy security” of Subprogramme 5 “Sustainable Energy” of the UNECE Strategic Framework for 2018-2019. The Group of Experts on Coal Mine Methane is mandated by the Committee on Sustainable Energy to carry out concrete, result-oriented activities that promote the reduction of greenhouse gas emissions from coal mines through recovery and use of methane, in order to reduce the risks of explosions in coal mines (ECE/EX/7). The principal area of work of the Group of Experts is best practice guidance for effective drainage, recovery and usage of CMM, which is achieved including through collaboration with key stakeholders such as GMI. This project will supplement electronic dissemination of best practices through concrete, hands-on seminars tailored to the specific mining conditions in the principal coal mining regions of the world. The project is part of the Programme of Work of the Group of Experts (Annex to ECE/ENERGY/GE.4/2014/1) as approved by the Executive Committee on 30 April 2014 (EXCOM/CONCLU/68).</p>	
Estimated UN regular budget resources (work months of RB staff/level of Staff): 6 months of P3 staff time	
Estimated extra budgetary resources:	
Donor The United States of America (<i>Environmental Protection Agency</i>)	Amount (US\$) US\$200,000
9. Project Manager: Charlotte Griffiths 9.03.2017	10. Section/Division: Energy Industry Section/Sustainable Energy Division
11. Cleared by Programme Management Unit: Catherine Haswell OiC of PMU 9.03.2017	12. Approved by EXCOM¹: Date:

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

Annex
Results-based budget for the extra-budgetary project

Expected accomplishments	Part I. Planning (to be filled in before submission to EXCOM)		Part II. Implementation (to be used for reporting on progress in the implementation of the project in real time) ^{1,2}	
	Planned activities	Estimated costs (US\$)	Implemented activities ³	Actual expenditures ⁴ (US\$)
E.A.1. Improved understanding of the initial conditions, opportunities and challenges in methane management from active and abandoned coal mines in targeted regions	A.1.1. Two fact-finding missions to the critical coal mining regions (active and abandoned mines) 2 missions of consultant x \$3,000 2 missions of 2 experts x \$2,500	\$16,000 \$6,000 \$10,000		
	A.1.2. Report and recommendations from the fact-finding missions 1 consultant x 2 work months x \$5,000	\$10,000		
	A.1.3. Development of best practices (or recommendations) on sustainable management of abandoned coal mines Staff support (P2/P3 level) x 3 months x \$10,000 per month 1 consultant x 2 work months x \$3,000	\$36,000 \$30,000 \$6,000		
E.A.2. Increased capacity to apply internationally recognized best practices in the abatement, recovery, and use of CMM and abandoned mine methane	A.2.1. Three demand-driven capacity-building workshops 3 missions of 1 staff x \$2,000 9 missions of experts x \$3,000 3 missions of participants x \$3,000	\$42,000 \$6,000 \$27,000 \$9,000		
	A.2.2. Development of a standard training module on best practices in the abatement, recovery, and use of methane from coal mines Staff support (P2/P3 level) x 2 months x \$10,000 per month	\$20,000		
	A.2.3. Three capacity-building seminars to disseminate training module 3 missions of 1 staff x \$2,000 6 missions of experts x \$3,000 12 missions of participants x \$1,000	\$36,000 \$6,000 \$18,000 \$12,000		
	A.2.4. Dissemination of case studies and best practices Printing & related contractual services	\$9,000		
	A.2.5. Translation of case studies and best practices into additional languages 2 consultants x 1 work month x \$4,000	\$8,000		
Budget summary		\$177,000		
13% of Programme Support Costs		\$23,000		
Total		\$200,000	Total:	

¹ The secretariat shall inform EXCOM in case of unexpected developments or serious problems of any kind in the project implementation.

² Questions from member States on project implementation will be forwarded to the secretariat.

³ Relevant information should be uploaded by the project manager on the Project Monitoring Tool within one month from the end of the activity and include the following:

(a) For an advisory service (including at a workshop/seminar/training organized by other organizations): title; venue; dates; project expenditures; and hyperlink(s) to presentation(s) and other relevant documents;

(b) For a workshop/conference/training organized by UNECE: title; venue; dates; project expenditures; and hyperlinks to the meeting agenda, list of participants, presentation(s) made by UNECE, conference documents, training materials and reports;

(c) For a consultancy: project expenditures; hyperlinks to the consultancy ToR and main outputs (study, report, training material, presentation, etc.) produced by the consultant/s;

(d) For other outputs not included under bullet points above: hyperlink to relevant documents.

⁴ Relevant financial information – certified by the Executive Office - should be uploaded by the project manager on the Project Monitoring Tool within one month from the end of the activity.