

ECONOMIC COMMISSION FOR EUROPE

EXECUTIVE COMMITTEE

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Item 9

Informal Document No. **2018/38**

Extrabudgetary projects

Improved understanding of the UNECE member States on the role of natural gas in achieving 2030 Agenda for Sustainable Development and the Paris Climate Agreement

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

Project title and project number: Improved understanding of the UNECE member States on the role of natural gas in achieving 2030 Agenda for Sustainable Development and the Paris Climate Agreement		
Expected timing/ duration: 1 January– 31 December 2019		
Objective and brief summary of the project: The objective of the project is to improve the understanding of UNECE member States on the role of natural gas in achieving 2030 Agenda for Sustainable Development and the Paris Climate Agreement. The project will complement the project “Strengthening capacity of the ECE member States to achieve the energy-related Sustainable Development Goals” (September 2018 – October 2019, “Pathways to Sustainable Energy”) to explore in-depth the role that natural gas can play in the strategic options that countries will consider meeting their commitments. The exploration will consider: i) natural gas displacing competing higher carbon-intensity fuels in power generation, transport, heating, and other end-use markets; ii) the possibility of natural gas enhancing the uptake of renewables by compensating their intermittency (balancing markets); and iii) penetration of new markets through small-scale liquified natural gas (LNG) and compressed natural gas (CNG). An important part of the exploration will involve addressing environmental issues associated with natural gas use including both methane management and CO2 emissions. The objective of the project will be achieved by implementing the following activities: A1.1. Prepare analyses of the market potential for natural gas to displace competing fuels, to support uptake of renewables, and to penetrate new markets; A1.2. Organize one workshop to validate the analysis and prepare summary report; A1.3. Introduce revisions to the pathways modelling based on gas market analyses; A1.4. Organize one workshop to consider signposts for the gas market development under the various scenarios. A2.1. Prepare an assessment of the degree to which environmental challenges of methane and CO2 can be addressed. A2.2. Organize one workshop and summary report on the role of natural gas can play in support of the 2030 Agenda for Sustainable Development and the Paris Climate Agreement. The project contributes to achievement of SDGs 6, 7, 8, 9, 11, 12.		
Expected results of the project: EA1. Improved understanding of the UNECE member States of the potential for natural gas to displace competing fuels, to increase uptake of renewables, and to penetrate new markets. EA2. Improved understanding of UNECE member States of the environmental performance of natural gas and opportunities for improvement.		
Target group and beneficiaries of the project: All UNECE member States are the beneficiary countries of the project. The target audience for this project are senior officials from ministries of energy and industry, and national experts and financial institutions.		
Justification of project and its relationship to the programme of work: The project is directly linked to the Subprogramme 5 “Sustainable Energy” of the UNECE Strategic Framework for 2018-2019, in particular the Expected Accomplishments (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 resource classification, natural gas and energy security” and (b) “Increased awareness of the role of energy efficiency and renewable energy in achieving sustainable energy development”.		
Estimated UN regular budget resources (work months of RB staff/level of Staff): The project will be implemented by extrabudgetary P3 staff.		
Estimated extra budgetary resources:		
Donors	Amount (US\$)	
Companies that were members of the UNECE Gas Centre	\$261,000	
Project Manager: Scott Foster	21.11.2018	Section/Division: Sustainable Energy
Cleared by Programme Management Unit: Catherine Haswell		Approved by EXCOM¹
Chief	21.11.2018	14.12.2018

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 UNECE member States of opportunities to use natural gas in the range of applications in the UNECE region	A1.1. Prepare analyses of the market potential for natural gas to displace competing fuels, to support uptake of renewables, and to penetrate new markets P3/ project management x \$13,500 per months x 2 months 3 international consultants to prepare the following papers: How natural gas can displace competing fuels (3months x \$5,000 per month) How natural gas can support the uptake of renewable energy (3 months x \$5,000 per month) The potential for natural gas to penetrate new markets (3 months \$5,000 per month) Operating costs	73,000 27,000 15,000 15,000 15,000 1,000
	A.1.2. Organise one workshop on market potential and prepare summary report P3/ project management x 13,500\$ per months x 1 month Travel of 4 experts x \$2,000 Operating costs	22,500 13,500 8,000 1,000
	A1.3. Introduce revisions to the pathways modelling based on gas market analyses; Contractual services for pathway project modelling based on revised gas market analyses	45,000
	A1.4. Organize one workshop to consider signposts for the gas market development under the various scenarios; P3/ project management x \$13,500 per months x 1 month Travel of 4 experts x \$2,000 Operating costs	22,500 13,500 8,000 1,000
EA2. Improved understanding of UNECE member States of environmental performance of natural gas and opportunities for improvement	A2.1. Prepare an assessment of the degree to which environmental challenges of methane and CO2 can be addressed. P3/ project management x \$13,500 per months x 1 month 1 consultant to prepare an assessment x 5 month \$5000 per month Operating costs	40,000 13,500 25,000 2,000
	A2.2. Organize one workshop and summary report on the role of natural gas can play in support of the 2030 Agenda for Sustainable Development and the Paris Climate Agreement. P3/ project management x \$13,500\$ per months x 1 month Travel of 4 experts x \$2,000 Operating costs	22,500 13,500 8,000 1,000
Project evaluation		5,000
Budget summary		230,500
13% of Programme Support Costs		29,965
Total (rounded)		261,000