

ECONOMIC COMMISSION FOR EUROPE

EXECUTIVE COMMITTEE

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Item 5 of the provisional agenda

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Extrabudgetary project

Supporting UNECE member States in the development and implementation of the United Nations Framework Classification for Resources (UNFC) and the United Nations Resource Management System (UNRMS) – Phase II

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

Project title: Supporting UNECE member States in the development and implementation of the United Nations Framework Classification for Resources (UNFC) and the United Nations Resource Management System (UNRMS) – Phase II		
Expected timing/ duration: January 2024 – December 2027		
<p>Objective and brief summary of the project: The objective of the project is to build capacities in UNECE member States for sustainable management of resources through the application of UNFC and UNRMS. This project is a continuation of project E357 “Supporting UNECE member States in the development and implementation of the United Nations Framework Classification for Resources and the United Nations Resource Management System – Phase I” (2020-2024). Attainment of the Sustainable Development Goals (SDGs) requires energy and raw materials, but there is a need to make resource production and use more efficient and carbon neutral. Due to the exponential growth in the quantities of resources consumed by society, progress towards a carbon-neutral society, including a shift toward a circular economy paradigm, has become necessary. Such energy transition needs secure supply chains for critical raw materials, required as well for diverse social and economic sectors, including health and agriculture. UNFC and UNRMS provide a unified, comparable, interoperable and harmonized approach to resource assessment and management adapt for governmental, statistical, corporate and financial purposes. The Expert Group on Resource Management (EGRM) is mandated to develop and support the implementation of UNFC, an internationally applicable classification scheme for energy and mineral resources. In its recent work, EGRM has developed UNFC for resources including solar, geothermal, wind and bioenergy, as well as anthropogenic resources, and work is underway on hydro and marine energy, groundwater and hydrogen. EGRM is also mandated to develop UNRMS as a dynamic system for sustainable resource management based on information structured through UNFC. The United Nations Economic and Social Council (ECOSOC) has endorsed UNFC and UNRMS (Decision 2004/233 and Resolution E/RES/2023/19 respectively) for global application. UNFC and UNRMS represent an integrated toolkit to assist countries in managing their natural resources sustainably and in alignment with the 2030 Agenda for Sustainable Development. UNFC- and UNRMS-based classification and management provide the basis for reliable and coherent information on the natural resource base, which can be used for policymaking and directing capital investments. The objective of the project will be achieved by implementing the following activities:</p> <p>Supporting further development and maintenance of UNFC</p> <p>A1.1. Further develop and maintain UNFC specifications for a unified, comparable, interoperable and harmonized system for resource assessment;</p> <p>A1.2. Develop and maintain UNFC application guidelines for classification of multiple resources;</p> <p>A1.3. Develop and maintain UNFC best practices for resource classification;</p> <p>A1.4. Develop UNFC case studies at country and corporate levels;</p> <p>Supporting the development and maintenance of UNRMS</p> <p>A2.1. Develop and maintain the fundamental principles of sustainable resource management;</p> <p>A2.2. Develop and maintain the concepts and terminology for sustainable resource management;</p> <p>A2.3. Develop and maintain the structure and specifications of UNRMS;</p> <p>A2.4. Develop and maintain data, information and knowledge standards and guidelines for UNRMS;</p> <p>Supporting the implementation of UNFC for sustainable resource management, including UNRMS</p> <p>A3.1. Facilitate UNFC deployment activities across the UNECE region for administrative, statistical, corporate and financial purposes;</p> <p>A3.2. Coordinate, monitor, review, assess and evaluate UNFC implementation efforts across the UNECE region;</p> <p>A3.3. Facilitate the creation of networks of UNFC experts through webinars, virtual and in-person workshops and training courses, conduct awareness raising and capacity-building workshops on UNFC/UNRMS in the UNECE region for local administrations and expert communities and facilitate the participation of experts in EGRM-related activities and events;</p> <p>A3.4. Develop and disseminate training materials, UNFC- and UNRMS-based toolkits to support the establishment of capacity and knowledge foundations for different stakeholders (governments, experts, financial sector, industry);</p> <p>Fostering the application of UNFC and UNRMS to support energy resilient systems and the energy transition</p> <p>A4.1. Facilitate the application of UNFC in relation to critical raw materials value chains in the UNECE region and beyond. Development of training materials to support the establishment of capacity and knowledge foundations for UNFC and UNRMS;</p> <p>A4.2. Develop and disseminate UNFC- and UNRMS-based toolkits for sustainable management of resources to support the energy transition;</p> <p>A4.3. Support the coordination by EGRM of International Centres of Excellence on Sustainable Resource Management (ICE-SRM), aimed at facilitating the dissemination of policy tools and reporting codes to relevant national and regional stakeholders;</p> <p>A4.4. Communication to relevant stakeholders through different dissemination channels (website, social media, workshops, training courses) in the UNECE region and beyond.</p>		
Link to the SDG targets: 1.4, 5.1, 5.A, 6.6, 7.2, 9.4, 11.6,12.2, 12.5, 13.2, 13.3, 17.9		
<p>Expected results of the project:</p> <p>EA1. Improved globally harmonized classification of natural resources using UNFC to aid sustainable development;</p> <p>EA2. Improved understanding and capabilities of UNECE member States for sustainable management of natural resources through application of UNRMS and the environment in which UNRMS should be used;</p> <p>EA3. Strengthened mechanisms for harmonized and uniform UNFC and UNRMS implementation at national and regional levels, including by the financial sector and industry, in UNECE member States;</p> <p>EA4. Improved understanding by UNECE member States and other countries of the application of UNFC and UNRMS to support resilient energy systems and the energy transition.</p>		
Target group and beneficiaries of the project: All UNECE member States are beneficiaries of the project. The target audience is senior officials from ministries of natural resources, geological surveys, experts and senior professionals from the mining, energy and water sectors, industry and financial institutions.		
Justification of project and its relationship to the programme of work: The project is directly linked to the objectives of Subprogramme 5 “Sustainable Energy” “to ensure access to affordable and clean energy for all and reduce greenhouse gas emissions and the carbon footprint of the energy sector in the region” of the UNECE programme budget for 2023.		
Estimated UN regular budget resources (work months of RB staff/level of Staff): P5/5 months		
Estimated extra budgetary resources:		Amount (Euro):
Donors: European Commission		3,000,000
Project Manager: Charlotte Griffiths	Section/Division: Resources Management Section/Sustainable Energy Division	
06.09.2023		
Cleared by Programme Management Unit: Nicolas Dath-Baron	Approved by EXCOM¹	09.10.2023
06.09.2023		

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 (Euro)
EA1. Improved globally harmonized classification of natural resources using UNFC to aid sustainable development	A1.1. Further develop and maintain UNFC specifications for a unified, comparable, interoperable and harmonized system for resource assessment P4 staff for senior technical expertise and coordination 4 months x 18,300 Euro G3/4 staff for administrative and coordination support 1 month x 12,600 Euro International consultants to develop background papers and draft UNFC specifications 3 months x 10,000 Euro Travel of experts 2 x 2,000 Euro Staff travel 3 x 3,000 Euro	128,800 73,200 12,600 30,000 4,000 9,000
	A1.2. Develop and maintain UNFC application guidelines for classification of multiple resources P4 staff for senior technical expertise and coordination 4 months x 18,300 Euro G3/4 staff for administrative and coordination support 1 month x 12,600 Euro International consultants to develop background papers and draft UNFC application guidelines 2 months x 10,000 Euro Travel of experts 2 x 2000 Euro Staff travel 3 x 3,000 Euro Operating costs 20,000 Euro	138,800 73,200 12,600 20,000 4,000 9,000 20,000
	A1.3. Develop and maintain UNFC best practices for resource classification P4 staff for senior technical expertise and coordination 4 months x 18,300 Euro G3/4 staff for administrative and coordination support 1 month x 12,600 Euro International consultants to develop background papers on UNFC best practices 2 months x 10,000 Euro Travel of experts 2 x 2,000 Euro Staff travel 3 x 3,000 Euro	118,800 73,200 12,600 20,000 4,000 9,000
	A1.4. Develop UNFC case studies at country and corporate levels P4 staff for senior technical expertise and coordination 4 months x 18,300 Euro G3/4 staff for administrative and coordination support 1 month x 12,600 Euro International consultant to develop hybrid resource reference case studies 2 months x 10,000 Euro Travel of experts 4 x 2,000 Euro Staff travel 3 x 3,000 Euro Operating costs 20,000 Euro	142,800 73,200 12,600 20,000 8,000 9,000 20,000
	EA2. Improved understanding and capabilities of UNECE member States for sustainable management of natural resources through application of UNRMS and the environment in which UNRMS should be used	A2.1. Develop and maintain the fundamental principles of sustainable resource management P4 staff for senior technical expertise and coordination 4 months x 18,300 Euro G3/4 staff for administrative and coordination support 1 month x 12,600 Euro International consultant to develop background data and analysis of fundamental principles of sustainable resource management 3 months x 10,000 Euro Travel of experts 2 x 2,000 Euro Staff travel 3 x 3,000 Euro
	A2.2. Develop and maintain the concepts and terminology for sustainable resource management P4 staff for senior technical expertise and coordination 4 months x 18,300 Euro G3/4 staff for administrative and coordination support 1 month x 12,600 Euro International consultant to provide technical inputs for the development of concepts and terminology for sustainable resource management 2 months x 10,000 Euro Travel of experts 2 x 2,000 Euro	138,800 73,200 12,600 20,000 4,000

	Staff travel 3 x 3,000 Euro Operating costs 20,000 Euro	9,000 20,000	
	A2.3. Develop and maintain the structure and specifications of UNRMS P4 staff for senior technical expertise and coordination 4 months x 18,300 Euro G3/4 staff for administrative and coordination support 1 month x 12,600 Euro International consultant to develop background information and undertake analysis for development of structure and specification of UNRMS 2 months x 10,000 Euro Travel of Experts 2 x 2,000 Euro Staff travel 2 x 3,000 Euros	73,200 12,600 20,000 4,000 9,000	118,800
	A2.4. Develop and maintain data, information and knowledge standards and guidelines for UNRMS P4 staff for senior technical expertise and coordination 4 months x 18,300 Euro G3/4 staff for administrative and coordination support 1 month x 12,600 Euro International consultant to develop the background paper for the development of data, information and data standards 2 months x 10,000 Euro Travel of experts 4 x 2,000 Euro Staff travel 3 x 3,000 Euro Operating costs 20,000 Euro	73,200 12,600 20,000 8,000 9,000 20,000	142,800
EA3. Strengthened mechanisms for harmonized and uniform UNFC and UNRMS implementation at national and regional levels, including by the financial sector and industry, in UNECE member States	A3.1. Facilitate UNFC deployment activities across UNECE region for administrative, statistical, corporate and financial purposes P4 staff for senior technical expertise and coordination 9 months x 18,300 Euro G3/4 staff for administrative and coordination support 2 months x 12,600 Euro International consultant to develop a report on the synthesis of available information on natural resources required for sustainable development and economic recovery from COVID-19 and other impacts 5 months x 10,000 Euro Staff travel 6 x 3,000 Euro Travel of experts 4 x 2,000 Euro Operating costs 20,000 Euro	164,700 25,200 50,000 18,000 8,000 20,000	285,900
	A3.2. Coordinate, monitor, review, assess and evaluate UNFC implementation efforts across the UNECE region P4 staff for senior technical expertise and coordination 9 months x 18,300 Euro G3/4 staff for administrative and coordination support 2 months x 12,600 Euro International consultant to prepare report on countries' UNFC implementation progress 5 months x 10,000 Euro Staff travel 6 x 3,000 Euro Travel of experts 6 x 2,000 Euro Operating costs 20,000 Euro	164,700 25,200 50,000 18,000 12,000 20,000	289,900
	A3.3. Facilitate the creation of networks of UNFC experts through webinars, virtual and in-person workshops and training courses, conduct awareness raising and capacity-building workshops on UNFC/UNRMS in the UNECE region for local administrations and expert communities and facilitate the participation of experts in EGRM-related activities and events P4 staff for senior technical expertise and coordination 9 months x 18,300 Euro G3/4 staff for administrative and coordination support 2 months x 12,600 Euro International consultant to support communications, communication materials, webinars, workshops, .../ 5 months x 10,000 Euro Staff travel 6 x 3,000 Euro Travel of experts 6 x 2,000 Euro Operating costs 20,000 Euro	164,700 25,200 50,000 18,000 12,000 20,000	289,900
	A3.4. Develop and disseminate training materials, UNFC- and UNRMS-based toolkits to support the establishment of capacity and knowledge foundations for different stakeholders (governments, experts, financial sector, industry) P4 staff for senior technical expertise and coordination 9 months x 18,300 Euro G3/4 staff for administrative and coordination support 3 months x 12,600 Euro International consultant to develop training materials and to support workshops and training courses 5 months x 10,000 Euro Staff travel 6 x 3,000 Euro	164,700 37,800 50,000 18,000	298,994

	Travel of experts 4 x 2,000 Euro Operating costs 20,494 Euro	8,000 20,494	
EA4. Improved understanding by UNECE member States and other countries of the application of UNFC and UNRMS to support resilient energy systems and the energy transition	A4.1. Facilitate the application of UNFC in relation to the critical raw materials value chains in UNECE region and beyond. Development of training materials to support the establishment of capacity and knowledge foundations for UNFC and UNRMS P4 staff for senior technical expertise and coordination 4 months x 18,300 Euro G3/4 staff for administrative and coordination support 1 month x 12,600 Euro International consultant to assist developing training materials 3 months x 10,000 Euro Staff travel 3 x 3,000 Euro Travel of experts 2 x 2,000 Euro	73,200 12,600 30,000 9,000 4,000	128,800
	A4.2. Develop and disseminate UNFC- and UNRMS-based toolkits for sustainable management of resources to support the energy transition P4 staff for senior technical expertise and coordination 4 months x 18,300 Euro G3/4 staff for administrative and coordination support 1 month x 12,600 Euro International consultant to assist developing UNFC toolkit for governments 2 months x 10,000 Euro Staff travel 3 x 3,000 Euro Travel of experts 2 x 2,000 Euro Operating costs 20,000 Euro	73,200 12,600 20,000 9,000 4,000 20,000	138,800
	A4.3. Support the coordination by EGRM of International Centres of Excellence on Sustainable Resource Management (ICE-SRM) (ICE-SRM), aimed at facilitating the dissemination of policy tools and reporting codes to relevant national and regional stakeholders P4 staff for senior technical expertise and coordination 4 months x 18,300 Euro G3/4 staff for administrative and coordination support 1 month x 12,600 Euro International consultant to support developing coordination and prepare communication materials 2 months x 10,000 Euro Staff travel 3 x 3,000 Euro Travel of experts 2 x 2,000 Euro	73,200 12,600 20,000 9,000 4,000	118,800
	A4.4. Communication to relevant stakeholders through different dissemination channels (website, social media, workshops, training courses) in the UNECE region and beyond P4 staff for senior technical expertise and coordination 4 months x 18,300 Euro G3/4 staff for administrative and coordination support 1 month x 12,600 Euro International consultant to develop UNFC and UNRMS training materials and support the workshops and training courses 2 months x 10,000 Euro Staff travel 3 x 3,000 Euro Travel of experts 4 x 2,000 Euro Operating costs 20,000 Euro	73,200 12,600 20,000 9,000 8,000 20,000	142,800
Budget summary			2,752,294
Project evaluation			55,046
7% of Programme Support Costs			192,660
Total (rounded)			3,000,000