

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)

Expected timing/ duration: June 2020 – May 2024

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 application of UNFC and UNRMS. These systems provide a unified, comparable, interoperable and harmonized approach to resource assessment and management usable for governmental, statistical, corporate and financial purposes. Sustainable management of natural resources underpins socio-economic development. The Expert Group on Resource Management (EGRM) is mandated to develop UNFC, a universally accepted and 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 and groundwater. UNFC has been endorsed by ECOSOC (Decision 2004/233) for global application. EGRM is also mandated to develop UNRMS as a dynamic system for sustainable management of resources building on UNFC. UNFC and UNRMS represent an integrating toolkit to assist countries to manage their natural resources sustainably 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. Attainment of the 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 circular economy paradigm has become a necessity. The COVID-19 pandemic has demonstrated the need for secure supply chains for critical raw materials required for diverse social and economic sectors including health, agriculture and low or zero-carbon energy. Near- and long-term implications of countries recovering from the impacts of COVID-19 emphasise the need for resiliency in resource management which will also be a focus of this project. The objective of the project will be achieved by implementing the following activities:

Supporting further development and maintenance of UNFC

A1.1. Development and maintenance of UNFC specifications for a unified, comparable, interoperable and harmonized system for resource assessment;

A1.2. Development and maintenance of UNFC application guidelines for resource classification;

A1.3. Development and maintenance of UNFC best practices for resource classification;

A1.4. Support development of UNFC reference case studies at country and corporate levels;

Supporting the development and maintenance of UNRMS

A2.1. Development and maintenance of the fundamental principles of sustainable resource management;

A2.2. Development and maintenance of concepts and terminology for sustainable resource management;

A2.3. Development and maintenance of the structure and specifications of UNRMS;

A2.4. Development and maintenance of data, information and knowledge standards and guidelines;

Support implementation of UNFC and UNRMS for sustainable development, including in economic recovery from COVID-19 impacts

A3.1. Synthesize, review, assess and critically evaluate relevant information and knowledge on resource management;

A3.2. Organize four outreach and coordination meetings with investment banks, development banks, financial and other key institutions;

A3.3. Conduct regular online communications such as webinars, virtual workshops and training courses for engaging experts and facilitating their participation in EGRM-related activities and events;

A3.4. Conduct four capacity-building workshops on sustainable management of resources in the UNECE region;

Communication of activities, deliverables and findings of EGRM

A4.1. Development of training materials to support the capacity and knowledge foundations for UNFC and UNRMS;

A4.2. Dissemination of UNFC and UNRMS based toolkit for sustainable management of resources by governments;

A4.3. Communication of policy tools and reporting codes to relevant national and regional stakeholders;

A4.4. Organizing four multi-stakeholder workshops and training courses in the UNECE region.

The project contributes to the attainment of SDGs 2, 3, 6, 7, 9, 12 and 13.

Expected results of the project:

EA1. Improved globally harmonized classification of natural resources using UNFC to aid sustainable development in the UNECE region;

EA2. Improved capabilities of UNECE member States for sustainable management of natural resources using UNRMS;

EA3. Strengthened mechanisms for sustainability and resiliency in natural resource management in UNECE member States to aid economic recovery and growth;

EA4. Improved understanding by UNECE member States and other countries of the opportunities and challenges

presented by sustainable natural resources production and consumption.

Target group and beneficiaries of the project: All UNECE member States are beneficiaries of the project. The target audience for this project is senior officials from ministries of natural resources, mining, energy, water and industry, EU geological surveys, national experts 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 2020. The project also directly relates to the work plan of the Expert Group on Resource Management for 2020-2021 approved by the Committee on Sustainable Energy in September 2019 (ECE/ENERGY/2019/11).

Estimated UN regular budget resources (work months of RB staff/level of Staff):
6 months of P5/RB

Estimated extra budgetary resources:

Donors:	Amount (Euro):
European Commission	2,000,000

Project Manager:
Charlotte Griffiths *C. Griffiths*
04.05.2020

Section/Division:
Energy Industry Section/Sustainable Energy

Cleared by Programme Management Unit:
Nicolas Dath-Baron, Officer-in-charge
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02.06.2020

Approved by EXCOM¹ 29.05.2020

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

Results-based budget for the extrabudgetary project

Expected accomplishments	Planned activities	Estimated cost (Euro)
EA1. Improved globally harmonized classification of natural resources using UNFC to aid sustainable development in the UNECE region	A1.1. Development and maintenance of UNFC specifications for a unified, comparable, interoperable and harmonized system for resource assessment P4 staff for senior technical expertise and coordination 3 months x 18,000 Euro P3 staff for technical expertise and coordination support 2 months x 15,000 Euro International consultants to develop background papers and draft UNFC specifications 4 months x 5,000 Euro Travel of experts 4 x 2,000 Euro Staff travel 2 x 3,000 Euro Operating costs 5,000 Euro	123,000 54,000 30,000 20,000 8,000 6,000 5,000
	A1.2. Development and maintenance of UNFC application guidelines for resource classification P4 staff for senior technical expertise and coordination 3 months x 18,000 Euro P3 staff for technical expertise and coordination support 2 months x 15,000 Euro International consultants to develop background papers and draft UNFC application guidelines 4 months x 5,000 Euro Travel of experts 4 x 2000 Euro Staff travel 2 x 3,000 Euro Operating costs 5,000 Euro	123,000 54,000 30,000 20,000 8,000 6,000 5,000
	A1.3. Development and maintenance of UNFC best practices for resource classification P4 staff for senior technical expertise and coordination 3 months x 18,000 Euro P3 staff for technical expertise and coordination support 1 month x 15,000 Euro International consultants to develop background papers on UNFC best practices 4 months x 5,000 Euro Travel of experts 4 x 2,000 Euro Staff travel 2 x 3,000 Euro Operating costs 5,000 Euro	108,000 54,000 15,000 20,000 8,000 6,000 5,000
	A1.4. Development and maintenance of UNFC reference case studies at country and corporate levels P4 staff for senior technical expertise and coordination 3 months x 18,000 Euro P3 staff for technical expertise and coordination support 1 month x 15,000 Euro International consultant to develop hybrid resource reference case studies 8 months x 5,000 Euro Travel of experts 4 x 2,000 Euro Staff travel 2 x 3,000 Euro	123,000 54,000 15,000 40,000 8,000 6,000
	EA2. Improved capabilities of UNECE member States for sustainable management of natural resources using UNRMS	A2.1. Development and maintenance of fundamental principles of sustainable resource management P4 staff for senior technical expertise and coordination 3 months x 18,000 Euro P3 staff for technical expertise and coordination support 2 months x 15,000 Euro International consultant to develop background data and analysis of fundamental principles of sustainable resource management x 4 months x 5,000 Euro Travel of experts 4 x 2,000 Euro Staff travel 2 x 3,000 Euros Operating costs 5,000 Euro
A2.2. Development and maintenance of concepts and terminology for sustainable resource management P4 staff for senior technical expertise and coordination 3 months x 18,000 Euro P3 staff for technical expertise and coordination support 2 months x 15,000 Euro International Consultant to provide technical inputs for the development of concepts and terminology for sustainable resource management x 4 months x 5,000 Euro Travel of experts 4 x 2,000 Euro		123,000 54,000 30,000 20,000 8,000 6,000

	Staff travel 2 x 3,000 Euros Operating costs 5,000 Euro	5,000
	A2.3. Development and maintenance of the structure and specifications of UNRMS P4 staff for senior technical expertise and coordination 3 months x 18,000 Euro P3 staff for technical expertise and coordination support 1 month x 15,000 Euro International consultant to develop background information and undertake analysis for development of structure and specification of UNRMS 4 months x 5,000 Euro Travel of Experts 4 x 2,000 Euro Staff travel 2 x 3,000 Euros Operating costs 5,000 Euro	108,000 54,000 15,000 20,000 8,000 6,000 5,000
	A2.4 Development and maintenance of data, information and knowledge standards and guidelines P4 staff for senior technical expertise and coordination 3 months x 18,000 Euro P3 staff for technical expertise and coordination support 1 month x 15,000 Euro International consultant to develop the background paper for the development of data, information and data standards 8 months x 5,000 Euro Travel of experts 4 x 2,000 Euro Staff travel 2 x 3,000 Euros	123xx,000 54,000 15,000 40,000 8,000 6,000
EA3. Strengthened mechanisms for sustainability and resiliency in natural resource management in UNECE member States to aid economic recovery and growth	A3.1. Synthesize, review, assess and critically evaluate relevant information and knowledge on resource management P4 staff for senior technical expertise and coordination 3 months x 18,000 Euro P3 staff for technical expertise and coordination support 2 months x 15,000 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 impacts 4 months x 5,000 Euro Staff travel 2 x 3,000 Euros	110,000 54,000 30,000 20,000 6,000
	A3.2. Organize four coordination and outreach meetings with investment banks, development banks, financial and other key institutions P4 staff for senior technical expertise and coordination 3 months x 18,000 Euro P3 staff for technical expertise and coordination support 2 months x 15,000 Euro Staff travel 2 x 3,000 Euros	90,000 54,000 30,000 6,000
	A3.3. Online communications such as webinars, virtual workshops and training courses for engaging experts and facilitating their participation in EGRM-related activities and events P4 staff for senior technical expertise and coordination 3 months x 18,000 Euro P3 staff for technical expertise and coordination support 1 month x 15,000 Euro Operating costs 5,000 Euro	74,000 54,000 15,000 5,000
	A3.4. Conduct four capacity-building workshops on sustainable management of resources in the UNECE region. P4 staff for senior technical expertise and coordination 3 months x 18,000 Euro P3 staff for technical expertise and coordination support 1 month x 15,000 Euro International consultant to develop training materials and to support workshops and training courses 8 months x 5,000 Euro Travel of experts 16 x 2,000 Euro Staff travel 8 x 3,000 Euros Operating costs 5,000 Euro	170,000 54,000 15,000 40,000 32,000 24,000 5,000
EA4. Improved understanding by UNECE member States and other countries of the opportunities and challenges presented by sustainable	A4.1. Development of training materials to support the capacity and knowledge foundations for UNFC and UNRMS P4 staff for senior technical expertise and coordination 3 months x 18,000 Euro P3 staff for technical expertise and coordination support 2 months x 15,000 Euro Staff travel 2 x 3,000 Euros	90,000 54,000 30,000 6,000

natural resources production and consumption	A4.2. Dissemination of UNFC and UNRMS based toolkit for sustainable management of resources for governments P4 staff for senior technical expertise and coordination 3 months x 18,000 Euro P3 staff for technical expertise and coordination support 2 months x 15,000 Euro Staff travel 2 x 3,000 Euros Operating costs 3,500 Euro	93,500 54,000 30,000 6,000 3,500
	A4.3. Communication of policy tools and reporting codes to relevant national and regional stakeholders P4 staff for senior technical expertise and coordination 3 months x 18,000 Euro P3 staff for technical expertise and coordination support 1 month x 15,000 Euro Staff travel 2 x 3,000 Euros	75,000 54,000 15,000 6,000
	A4.4. Organizing four multi-stakeholder workshops and training courses in the UNECE region P4 staff for senior technical expertise and coordination 3 months x 18,000 Euro P3 staff for technical expertise and coordination support 1 month x 15,000 Euro International consultant to develop UNFC and UNRMS training materials and support the workshops and training courses 8 months x 5,000 Euro Travel of experts 22 x 2,000 Euro Staff travel 6 x 3,000 Euros Operating costs 5,000 Euro	176,000 54,000 15,000 40,000 44,000 18,000 5,000
Budget summary		1,832,500
Project evaluation (2%)		36,650
7% of Programme Support Costs		130,840
Grand Total (rounded)		2,000,000