



Economic and Social Council

Distr.: General
12 February 2019

Original: English

Economic Commission for Europe

Committee on Sustainable Energy

Expert Group on Resource Management

Tenth session

Geneva, 29 April–3 May 2019

Item 1 of the provisional agenda

Adoption of the agenda

Annotated provisional agenda for the tenth session

To be held at the Palais des Nations, Geneva, starting at 10 a.m. on Monday 29 April 2019¹

I. Provisional agenda

1. Adoption of the agenda.
2. Election of officers.
3. Opening remarks.
4. Workshop on the United Nations Framework Classification for Resources and the United Nations Resource Management System.
5. Activities and priorities of the Committee on Sustainable Energy and matters for consideration by the Expert Group on Resource Management.
6. Mandate and Terms of Reference of the Expert Group on Resource Management.
7. The 2030 Agenda for Sustainable Development and the United Nations Framework Classification for Resources and the United Nations Resources Management System.
8. Pathways to Sustainable Energy.
9. Development, maintenance and implementation of the United Nations Framework Classification for Resources and the United Nations Resource Management System:

¹ Delegates attending meetings at the Palais des Nations need to register at least two weeks prior to the session either online (<https://www.unece.org/index.php?id=50179>) or by e-mail (reserves.energy@un.org). Delegates are requested to present themselves at least 45 minutes prior to the meeting's start time at the entrance located at the Pregny Gate, 14, Avenue de la Paix to obtain a badge. Registration at the Pregny Gate is open every work day from 8:00 a.m. to 5:00 p.m. The secretariat can be contacted by telephone (extension 73328 or 74140).

- (a) Revision of the United Nations Framework Classification for Resources;
 - (b) Concept and design of the United Nations Resource Management System;
 - (c) Minerals;
 - (d) Petroleum;
 - (e) Renewable energy resources;
 - (f) Nuclear fuel resources;
 - (g) Injection projects;
 - (h) Anthropogenic resources;
 - (i) Commercial aspects and financial reporting;
 - (j) Competent Person and evaluator qualifications;
 - (k) Other potential applications.
10. Social and environmental considerations in the United Nations Framework Classification for Resources and the United Nations Resource Management System.
11. Application of the United Nations Framework Classification for Resources in different geographical contexts.
12. International Centres of Excellence and extrabudgetary projects for implementation of the United Nations Framework Classification for Resources and the United Nations Resource Management System.
13. Women and diversity in resource management.
14. Education and outreach.
15. Cooperation with other organizations and entities.
16. Work plan for 2018-2019 and draft work plan for 2020-2021.
17. Other business.
18. Adoption of conclusions and recommendations.
19. Adoption of the report and close of the meeting.

II. Annotations to the provisional agenda

1. Adoption of the agenda

In accordance with the rules of procedure of the United Nations Economic Commission for Europe (ECE), the first item on the provisional agenda is the adoption of the agenda.

Documents for the session will be published on the website² as they become available. A tentative timetable is included in Section III of this document, and a revised detailed timetable will be posted closer to the meeting.

² <https://www.unece.org/index.php?id=50179>

2. Election of officers

The Expert Group at its ninth session held in April 2018 elected a Bureau to serve until the end of the eleventh session in 2020. The Expert Group will be informed of any changes to the Bureau since the ninth session.

3. Opening remarks

Opening remarks will be delivered, including on the status of the development of the United Nations Framework Classification for Resources (UNFC) and the United Nations Resource Management System (UNRMS) and how UNFC and UNRMS can help governments, industry, investors, and international organizations respond to modern challenges in the sustainable development of energy and mineral resources.

4. Workshop on the United Nations Framework Classification for Resources and the United Nations Resource Management System

A workshop on UNFC and UNRMS will be held on 29 and 30 April to explore application of UNFC and UNRMS to facilitate attainment of the 2030 Agenda for Sustainable Development and to address resource management issues in the raw materials and energy sectors.

5. Activities and priorities of the Committee on Sustainable Energy and matters for consideration by the Expert Group on Resource Management

The secretariat will provide an overview of recent activities of the Committee on Sustainable Energy following its twenty-seventh session, 26-27 September 2018, as well as any decisions taken related to the work of the Expert Group including by the Executive Committee of ECE. The decisions include approval of the name change of the Expert Group on Resource Classification to Expert Group on Resource Management; approval of a revised mandate and revised Terms of Reference; and endorsement of the specifications for application of UNFC to anthropogenic resources and the bridging documents between UNFC and the national mineral and petroleum resources classification systems of China.

The secretariat will provide an overview of the open-ended consultation meeting of the Committee taking place in Geneva on 16 May 2019 and invite the Expert Group to take an active role in the preparations for and discussions at that meeting.

6. Mandate and Terms of Reference of the Expert Group on Resource Management.

The mandate and Terms of Reference of the Expert Group as approved by the ECE Executive Committee on 14 December 2018 will be presented (ECE/ENERGY/GE.3/2019/3). The Expert Group's mandate expires in December 2019. The Expert Group will need to discuss and recommend that its mandate be renewed and for what term. The current term is five years which is the maximum extension that can be requested.

In the light of the new mandate and Terms of Reference, the Expert Group will need to review the United Nations Economic and Social Council (ECOSOC) Decision 2004/233³ relating to the United Nations Framework Classification for Fossil Energy and Mineral Resources and consider recommending that an updated or new Decision be drafted regarding UNFC and/or UNRMS for submission to the Committee on Sustainable Energy.

7. The 2030 Agenda for Sustainable Development and the United Nations Framework Classification for Resources and the United Nations Resources Management System

The Expert Group will be briefed on the various global megatrends and technologies that are driving transformation in the energy and raw materials sectors. As new policies, approaches and business models emerge to reshape production, consumption, transportation and delivery systems, modernized and unified ways of managing the resulting energy and raw material flows are required. The role of UNFC and UNRMS in improving systemic efficiency in resource management and production, including in environmental performance as well as assuring a better quality of life will be discussed. The progress and work of the Sustainable Development Goals Delivery Working Group will be presented and discussed.

8. Pathways to Sustainable Energy

At its ninth session, the Expert Group noted that the Pathways to Sustainable Energy project under the leadership of the Committee on Sustainable Energy represents a unique opportunity for the Expert Group to explore the role of resource management in sustainable energy. The Committee has been assessing pathways that attain the energy-related SDGs and subsequent pledges made related to the Paris Agreement on Climate Change. All subsidiary bodies under the Committee have been invited to contribute to the resulting policy and technology dialogues before recommendations are presented to the Committee's twenty-eighth session for adoption. The Expert Group requested direct involvement in the project as it proceeds over the biennium. In particular, the Expert Group wanted to contribute with its experience on environmental and social issues.

An update on the Project and opportunities for engagement in the Project will be presented by the Vice-Chair of the Bureau nominated to represent the Expert Group in the project. The Expert Group will be invited to discuss the information provided and make recommendations on how it can best engage in and contribute to the Project.

9. Development, maintenance and implementation of the United Nations Framework Classification for Resources and the United Nations Resource Management System

The Expert Group will be briefed on the status of and progress made in the development, maintenance and application of UNFC for sustainable management of resources since the ninth session, including any recommendations from the Bureau of the Expert Group.

The Expert Group is tasked to develop and maintain UNFC through rigorous testing, review, and periodic updating.

The Expert Group will be briefed on the activities of the Technical Advisory Group.

³ <http://www.un.org/en/ecosoc/docs/2004/decision%202004-233.pdf>

The Expert Group will be briefed on any potential new bridging documents.

Current applications of UNFC to sustainable management of mineral, petroleum, renewable energy, nuclear fuel and anthropogenic resources, as well as injection projects, will be discussed and reviewed. Commercial aspects and financial reporting will also be addressed.

(a) Revision of the United Nations Framework Classification for Resources

The Expert Group at its seventh session recommended that an update of UNFC should be prepared for release, but not before 2018. The UNFC Revision Task Force will present the proposed modifications to UNFC to ensure alignment with the 2030 Agenda for Sustainable Development. The Expert Group will review and discuss the information provided and be invited to make recommendations on the draft revised UNFC.

(b) Concept and design of the United Nations Resource Management System

The concept and design of UNRMS will be presented. The Expert Group will review and discuss the information provided and will be invited to make recommendations on future activities.

(c) Minerals

The Expert Group will be briefed on the progress and any challenges in applying UNFC to mineral resources and the activities of the Minerals Working Group.

An update on the status of development of specifications, guidelines and case studies for application of UNFC to mineral resources will be provided.

The Expert Group will discuss the information provided.

(d) Petroleum

The Expert Group will be briefed on the progress and any challenges in applying UNFC to petroleum resources and the activities of the Petroleum Working Group.

An update on the status of development of specifications, guidelines and case studies for application of UNFC to petroleum resources will be provided.

The pilot project for the classification of Mexico's petroleum resources and reserves based on UNFC prepared by the Petroleum Working Group under the leadership of the National Hydrocarbons Commission of Mexico in collaboration with the Ministry of Energy and the Safety, Energy and Environment Agency will be presented (ECEC/ENERGY/GE.3/2019/5).

The Expert Group will discuss the information provided.

(e) Renewable energy resources

The Working Group on Renewable Energy Classification will present its progress in developing a globally applicable classification system for renewable energy resources based on UNFC.

The Geothermal Energy Sub-group will present its progress on applying UNFC to geothermal energy.

The Bioenergy Sub-group will present its progress on applying UNFC to bioenergy.

The Solar Energy Sub-group will present its progress on developing draft specifications for applying UNFC to solar energy (ECE/ENERGY/GE.3/2019/9).

The Wind Energy Sub-group will present its progress in developing draft specifications for application of UNFC to wind energy (ECE/ENERGY/GE.3/2019/8).

Application of UNFC to other renewable energy resources such as hydropower and marine energy resources will be discussed.

The Expert Group will discuss the information provided and recommend next steps, including whether draft solar and wind specifications should be issued for public comment.

(f) Nuclear fuel resources

The Expert Group will be briefed on the progress and challenges in applying UNFC to nuclear fuel resources and the activities of the Nuclear Fuel Resources Working Group.

An update on the application of UNFC to resources of uranium will be presented.

An update on the development of guidelines and case studies for application of UNFC for uranium and thorium resource management will be provided. In particular, the concept note on entry pathways for nuclear energy to support sustainable development (ECE/ENERGY/GE.3/2019/6) will be presented for discussion and review.

The Expert Group will discuss the information provided.

(g) Injection projects

The Expert Group will discuss the use of UNFC for classifying injection projects and the activities of the Injection Projects Working Group. An update on the status of development of case studies for application of UNFC to injection projects will be provided.

The Expert Group will discuss the information provided.

(h) Anthropogenic resources

The Expert Group will be briefed on the endorsement of the specifications for the application of UNFC to anthropogenic resources by the Committee on Sustainable Energy at its twenty-seventh session.

Progress on the activities of the Anthropogenic Resources Working Group will be presented.

An update on the status of development of case studies for application of UNFC to anthropogenic resources will be provided.

The Expert Group will discuss the information provided.

(i) Commercial aspects and financial reporting

An update on commercial aspects and financial reporting and an assessment of how they are reflected in UNFC to support commercial assessment of projects will be presented to the Expert Group by the Commercial Working Group followed by a discussion. Any progress on development of guidelines to facilitate commercial assessments, including guidance on the use of categories of UNFC will also be presented (UNFC applied to Commercial Assessments, ECE/ENERGY/GE.3/2019/7).

Potential implications for the Expert Group and its stakeholders on the issues discussed will be reviewed and recommendations made on any future action.

An update on financial reporting related to resource activities, including activities of the International Accounting Standards Board (IASB) will also be provided.

(j) Competent Person and evaluator qualifications

The Competent Person Working Group will provide an update on its work.

Recommendations to update the Guidance Note on Competent Person Requirements and Options for Resources Reporting⁴ (as accepted by the Expert Group at its eighth session in 2017) will be presented and the Expert Group will be invited to discuss and approve the revised text or otherwise.

Recommendations to update the Guidance Note to support the UNFC Specification for Evaluator Qualifications⁵ (as accepted by the Expert Group at its eighth session in 2017) will be presented and the Expert Group will be invited to discuss and approve the revised text or otherwise.

(k) Other potential applications

The Work Plan for 2018-2019 notes that upon request the Expert Group will explore and develop additional applications of UNFC, provided such work does not compromise the Expert Group's ability to fulfil its other obligations. It is noted that any new potential areas of work for the Expert Group are subject to the identification of extrabudgetary resources.

The Expert Group will discuss potential application to other resources such as coal mine methane, energy and material recovery from wastes and water resources, including groundwater, surface water and hydropower resources.

10. Social and environmental considerations in the United Nations Framework Classification for Resources and the United Nations Resource Management System

The Social and Environmental Considerations Task Force will present its work to develop guidelines on accommodating Social and Environmental Consideration in UNFC. The Expert Group will discuss the information provided and offer recommendations.

11. Application of the United Nations Framework Classification for Resources in different geographical contexts

The Expert Group will be briefed on the increasing adoption of and interest in application of UNFC in various countries and regions, in particular, in the European Union, the Nordic region (Finland, Norway and Sweden), Africa, East and South-east Asia and Latin America.

The Expert Group will discuss the information provided and be invited to propose future work to manage global uptake of UNFC.

12. International Centres of Excellence and extrabudgetary projects for implementation of the United Nations Framework Classification for Resources and the United Nations Resource Management System

The Expert Group will be briefed on the ongoing extrabudgetary projects that support the application of UNFC, including:

⁴ https://www.unece.org/fileadmin/DAM/energy/se/pdfs/UNFC/UNFC-Guidance-Notes/Guidance_Note_on_Competent_Person_Requirements_and_Options_for_Resource_Reporting.pdf

⁵ https://www.unece.org/fileadmin/DAM/energy/se/pdfs/UNFC/UNFC-Guidance-Notes/Revised_UNFC_Guidance_Note_to_support_UNFC_Specification_for_Evaluator_Qualifications.pdf

(a) improving national capacities of Central Asian countries to harmonize and implement internationally applicable system of classification and sustainable management of energy and mineral resources (funded by the Russian Federation), and;

(b) integrated energy and water resource management in support of sustainable development in South-East Europe and Central Asia (funded by the United Nations Development Account).

The UNFC Resource Mobilization Working Group will present the resource mobilization action plan, as well as progress made.

A proposal to establish national and/or regional centres of excellence for implementation of UNFC and UNRMS will be presented.

The Expert Group will discuss the information provided.

13. Women and diversity in resource management

The Expert Group at its ninth session noted the powerful and positive benefits of diversity and inclusion in resource management and recommended the Bureau to monitor developments in improving the participation of women in resource management and to update the tenth session accordingly. The Expert Group recommended the Bureau to ensure that diversity and inclusion in resource management are reflected in the Expert Group's membership, work plans and activities.

The Expert Group will be briefed on the current status related to the participation of women and equal opportunities for leadership for them in resource management activities in line with the objectives of Sustainable Development Goal 5 "Achieve gender equality and empower all women and girls".

The Expert Group will discuss the information provided, including how gender issues and the empowerment of women could be better addressed in the work on UNFC and UNRMS.

14. Education and outreach

The current activities and future work plans of the Communications Working Group will be presented to the Expert Group.

The Expert Group will review and discuss the events and workshops held in 2018 and 2019, as well as upcoming events in 2019 and 2020 to promote and educate on UNFC.

15. Cooperation with other organizations and entities

The Expert Group will discuss its current and proposed cooperation with other organizations and entities, including but not limited to, the African Minerals Development Centre (AMDC), European Federation of Geologists (EFG), EuroGeoSurveys (EGS), European Cooperation in Science and Technology Management Committee of (COST) - Mining the European Anthroposphere Project (MINEA), European Investment Bank (EIB), International Atomic Energy Agency (IAEA), International Electrotechnical Commission (IEC), International Organization for Standardization (ISO), and UN Environment International Resource Panel, with a view to achieving synergies and complementarity of efforts and to avoid overlap and duplication.

16. Work plan for 2018-2019 and draft work plan for 2020-2021

The Expert Group will discuss the status of the implementation of its work plan for 2018-2019.

The Expert Group will also discuss its draft work plan for 2020-2021 (ECE/ENERGY/GE.3/2019/4). The recommended draft work plan needs to be submitted to the Committee on Sustainable Energy at its twenty-eighth session, 25-27 September 2019.

17. Other business

The Expert Group may discuss any other pertinent issues that arise before or during the session, and that fall within the scope of the terms of reference of the Expert Group. Delegations are encouraged to notify the secretariat and the Chair in advance if they wish to raise any issues under this agenda item.

The Expert Group will discuss the dates for its eleventh session to be held in Geneva in 2020.

18. Adoption of conclusions and recommendations

The Expert Group will be invited to adopt conclusions and recommendations.

Where possible the draft conclusions and recommendations will be circulated to participants and Geneva Permanent Representations at least ten days before the start of the meeting.

19. Adoption of the report and close of the meeting

The Chair, with the assistance of the secretariat, will sum up the agreed conclusions and recommendations. The Expert Group will be invited to adopt its report based on a draft prepared by the secretariat in close cooperation with the Bureau, following which the Chair will close the meeting.

III. Tentative timetable

Below is a tentative timetable. It is subject to change; an updated detailed timetable will be posted on the ECE Sustainable Energy Division website.⁶

<i>Time</i>	<i>Agenda item</i>
Monday, 29 April 2019	
10:00	1: Adoption of the agenda
10:10	3: Opening remarks
10:20	4: Workshop on UNFC and UNRMS
13:00	<i>Lunch</i>
15:00	4: Workshop on UNFC and UNRMS (cont.)
18:00	<i>End of the first day</i>
Tuesday, 30 April 2019	
10:00	4: Workshop on UNFC and UNRMS (cont.)
13:00	Lunch
15:00	4: Workshop on UNFC and UNRMS (cont.)
18:00	End of the second day
Wednesday, 1 May 2019	
10:00	3: Opening remarks (cont.)
10:40	2: Election of officers
10:45	5: Activities and priorities of the Committee on Sustainable Energy and any matters for consideration by the Expert Group
10:55	6: Mandate and Terms of Reference of the Expert Group
11:10	7: The 2030 Agenda for Sustainable Development and UNFC and UNRMS
11:40	8: Pathways to Sustainable Energy
12:00	9: Development, maintenance and implementation of UNFC and UNRMS
	(a) Revision of UNFC
13:00	<i>Lunch</i>
15:00	9 (e): Renewable energy resources
17:00	9 (a): Revision of UNFC continued
18:00	<i>End of the third day</i>

⁶ <https://www.unece.org/index.php?id=50179>

<i>Time</i>	<i>Agenda item</i>
Thursday, 2 May 2019	
10:00	9 (b): Concept and design of UNRMS
10:45	9 (c): Minerals
11:10	9 (d): Petroleum
11:50	9 (f): Nuclear fuel resources
12:20	9 (i): Commercial aspects and financial reporting
<i>13:00</i>	<i>Lunch</i>
15:00	9 (g): Injection projects
15:30	9 (h): Anthropogenic resources
16:00	10: Social and environmental considerations in UNFC and UNRMS
17:00	11: Application of UNFC in different geographical contexts
<i>18:00</i>	<i>End of the fourth day</i>
Friday, 3 May 2019	
10:00	9 (j): Competent Person and evaluator qualifications
10:25	9 (i): Other potential applications
10:50	12: International Centres of Excellence and extrabudgetary projects for implementation of UNRMS
11:30	13: Women and diversity in resource management
12:30	14: Education and outreach
<i>13:00</i>	<i>Lunch</i>
15:00	15. Cooperation with other organizations and entities
16:00	16: Work plan for 2018-2019 and draft work plan for 2020-2021
16:45	17: Other business
17:00	18: Adoption of conclusions and recommendations
17:15	19: Adoption of the report and close of the meeting
<i>18:00</i>	<i>End of the tenth session</i>