

**Day / Track                      15 Nov / Track IV: Hot topics and deep dives**

**09:00 – 18:00**

Workshop:                      **Training on application of UNFC for sustainable resources management**

Organizers:                      UNECE

Target group:                      Open to all participants

This training is organized under the framework of the UNDA project “Integrated energy and water resource management in support of sustainable development in South-East Europe and Central Asia”. Beneficiary countries of the project are: Bosnia and Herzegovina, Serbia, Kazakhstan and Kyrgyzstan. Particular attention will be paid in the workshop to needs and priorities as expressed by participants from these Member States. Resource assessment and management based on United Nations Framework Classification for Resources (UNFC) has become an indispensable aspect of sustainable development since the 2015 adoption of the 2030 Agenda. Resource production is often seen as a “drain industry” that leave behind wastes and a broken planet, along with socio-economic concerns such as exposing a resource-dependent national economy to resource depletion, and other risks such as the so-called “Dutch disease” and vagaries of market volatilities. In response to these challenges, the Sustainable Development Goals (SDGs) – summarised as “People, Planet, Prosperity” - have called for “integrated and indivisible” management and development of all aspects of society and the planet. This requires an approach to total management of all primary and secondary resources such as minerals, petroleum, renewable energy as well as water resources.

Assessment of energy and water resources using the UNFC framework and utilizing the data and information for policy formulation and strategic decision-making will be especially important for policy- and decision-makers in the coming. The same inputs could also be the basis for national resource inventory management, company business process innovation and efficient capital allocation so that benefits will accrue to all stakeholders with an associated increase in shared prosperity. Often many of the social and environmental impacts associated with resource production could be transformed into opportunities for holistic development of the project area and the country. Along with energy and water security, this approach will also ensure food security and a balanced approach to reducing the impacts of the activities on the planet.

Training will be conducted by international experts and will focus on the classification and management of resources. The training will increase knowledge of national experts on relevant for each beneficiary country best practices on collection and monitoring of national data on energy and water resources and monitoring in compliance with international standards such as System of Environment-Economic Accounting (SEEA). Major topics that will be discussed include:

- Total resource management
- Integrated assessments of energy-water resources
- SDG and SEEA alignment
- Social and environmental guidelines

<b>Draft agenda</b>		
09:00 – 09:15	Welcome and introduction	UNECE
09:15 – 09:30	Overview of the Project & Expected Outcomes from the Workshop	Mr. Hari Tulsidas, UNECE
09:30 – 10:30	Total resource management using UNFC: Nominal group discussions	UNECE/International Consultant/All participants
<b>Baseline Review of Energy and Mineral Resource Statistics in targeted countries</b>		
10:30 – 10:45	Bosnia & Herzegovina	Mr. Boban Jolović, Bosnia and Herzegovina
10:45 – 11:00	Kazakhstan	Mr. Georgiy Freiman, Kazakhstan
11:00 – 11:15	Kyrgyzstan	Ms. Zinaida Shabolotova; Mr. Dmitriy Plaksin, Kyrgyzstan
11:15 – 11:30	Serbia	Mr. Radoslav Vukas; Mr. Ilija Radovic; Ms. Ana Dajovic, Serbia
11:30 – 11:50	<b>Coffee-break</b>	
11:50 – 12:10	Uzbekistan	Mr. Azimjon Kholikov, Uzbekistan
12:10 – 12:30	Comments and recommendations	Mr. Robert Smith, Canada
12:30 – 14:00	<b>Lunch-break</b>	
<b>Training on application of UNFC for sustainable resources management</b>		
14:00 – 14:20	UNFC based UN Resource Management System (UNECE)	Mr. Hari Tulsidas, UNECE
14:20 – 14:40	Alignment of UNFC to SDGs	Mr. Julian Hilton, Aleff Group, UK
14:40 – 15:00	Groundwater resources management – European data standards and possible harmonization to UNFC	Mr. Jörg Reichling, BGR, Germany
15:00 – 15:30	Discussions	
15:30 – 15:50	<b>Coffee-break</b>	
<b>UNFC and for sustainable resources management – Application and Case Studies</b>		
15:50 – 16:10	The SEEA framework and UNFC	Mr. Robert Smith, Canada
16:10 – 16:30	Case studies on application of UNFC: Application of UNFC for mineral resources and groundwater in Ukraine	Prof. Georgii Rudko, Chairman, State Commission of Ukraine on Mineral Resources
16:30 – 16:50	OECE-NEA/IAEA Red Book Reporting of Uranium Resources and alignment to UNFC	Mr. Bob Vance, UMNP Consulting and formerly OECD NEA
16:50 – 17:10	Undiscovered mineral resources – Challenges and opportunities in estimation	Mr. Martin Fairclough, IAEA
17:10 – 17:30	Phosphogypsum case study	Mr. Julian Hilton, Aleff Group, UK
17:30 – 17:50	Discussions	
17:50 – 18:00	Concluding remarks	