

# Training on data collection related to sustainable energy and water resources management and monitoring and UNFC application

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UNFC has been proven to be applicable for all resources such as petroleum, minerals, renewable energy, secondary resources from waste, as well as projects for geological storage of carbon dioxide. It has been used successfully in managing water resources in many countries. UNFC encompasses Sustainable Development Goals (SDGs) in its core. Hence, the UNFC is a unique and the only available tool today that enables an understanding of the complex interdependencies in energy and water resource management.

Even though some of the target countries have exposure to UNFC, there has been no concerted effort to use it effectively. This makes the target countries disconnected from international best practices and has an enormous impact on their preparedness to overcome the energy and water resource management challenges of the future

# **Integrated energy and water resource management in support of sustainable development in South-east Europe and Central Asia.**



**UNECE**

## Objective:

Strengthen national capacities of selected countries in South-East Europe and Central Asia to implement integrated energy and water resource management in support of sustainable development

## Expected Accomplishments:

- Improved national capacities for collection of consistent, coherent and reliable data related to energy and water resources management
- Strengthened national capacities to develop evidence-based policies and strategies for integrated management of water and energy resources

**By the application of UNFC with its focus on the total resources available in any basin will facilitate comprehensive sustainable resource management.**

# UNDA Project details



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- Target countries - Bosnia and Herzegovina, Kazakhstan, Kyrgyzstan and Serbia
- Implemented through
  - sub-regional workshops,
  - case studies
  - policy recommendations
  - creation of a knowledge hub

# UNDA Project details



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- Existing gaps in data collection in beneficiary countries identified in A1.1 will help to develop training materials and conduct four trainings to the national officials and experts responsible for data collection related to energy and water management and monitoring, as well as the UNFC application as a tool for policy and strategic decision making (A1.2 and A1.3). The training will be conducted by an international consultant and will focus on methods for collection, verification, aggregation and reporting of data, as well as statistical indicators relevant for monitoring of energy and water management and monitoring. The training will increase the knowledge of national experts on relevant best practices for each beneficiary country on the collection and monitoring of national data on energy and water management and monitoring in compliance with UNFC.

# UNDA Project details



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- Studies on relevant best practices on the experience of policy development or application on the existing energy and water resources management practices for each beneficiary country, which will be prepared through A2.1. These studies aim to increase the knowledge and understanding of national authorities of best practices in the UNECE region, and will help countries to assess their applicability to national circumstances. Relevant case studies and best practices for energy and water resources management, and the application of appropriate integrated management and monitoring tools interconnecting energy and water systems will be discussed in a project workshop (A2.2). The workshop will help countries to assess the applicability of best practices to national circumstances and develop national models for improving sustainable energy policies.

# UNDA Project details



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- Development of policy recommendations for integrated energy and water resources management, applicable nationally, taking into account the specific needs of each country, and recommendations regarding the transboundary aspects will be conducted through A2.3 by national entities in close cooperation with national and international consultants. When drafts are prepared, a final workshop will review and validate the policy recommendations for sustainable energy and water resources management for each beneficiary country, and disseminate the project results to other countries in Central Asia and South Eastern Europe

# UNDA Project details



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- The training increased knowledge of national experts on issues of relevance for each beneficiary country related to best practices on collection and monitoring of national data on energy and water resources management and monitoring in compliance with international standards.
- Based on knowledge acquired during training, national experts will be able to organize data collection in their countries in accordance with United Nations Fundamental Principles of Official Statistics and the UNFC.



**Thank you!**

**UNECE**

Date 19 | 06 | 2019, Nur-Sultan



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