

# **Regional Training Workshop on: “Renewable Energy project development, finance and business planning”**

3 & 4 May 2016, Hotel Rabat, Rabat, Morocco

Economic And Social Commission For Western Asia



UNITED NATIONS

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ESCWA

## **ESCWA AND UNECE EFFORTS IN PROMOTING RENEWABLE ENERGY INVESTMENTS**

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# UN Development Account Project

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## Promoting renewable energy investments for climate change mitigation and sustainable development (2015-2017)

- Implemented by ESCWA (lead agency) and UNECE

### Objective

- Capacity building for development of renewable energy investment projects. It will assist UN ESCWA and UN ECE to strengthen capacities of their member states to attract investments in renewable energy projects in the context of climate change mitigation and sustainable development.

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## Promoting renewable energy investments for climate change mitigation and sustainable development (2015-2017)

### Expected accomplishments

- Improved capacity of government officials, national financial institutions and national energy experts and project developers to develop renewable energy investment projects in the private and public sectors
- Improved capacity for governments to adopt policies and measures to improve opportunities for banks and commercial companies to invest in renewable energy projects through the development of new financing mechanisms

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## Promoting renewable energy investments for climate change mitigation and sustainable development (2015-2017)

### Main activities:

- a) Providing technical assistance to national officials and experts through two regional trainings (one course for each region) in RE project development, finance and business planning to educate participants on mentioned issues
- b) Providing assistance to six beneficiary countries (three countries in each region) in developing an investment project pipeline: inventory of RE project proposals, each of which containing standard presentation of RE investment projects, with details of the total cost of the project, investment requirements, projected internal rates of return and carbon dioxide emission reductions
- c) Providing knowledge on RE investment projects, which concerns both the regulatory and policy requirements and purely technical aspects that countries would need to deal with when attracting and implementing investments based on foreign or national capital through two regional workshops (one in each region)

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## Promoting renewable energy investments for climate change mitigation and sustainable development (2015-2017)

### Main activities (continued):

- d) Developing six case studies (4 in ESCWA region and 2 in ECE region), in beneficiary countries and in cooperation with national coordinators and national participating institutions, on the experience of policy reforms
- e) Organizing two policy seminars focusing on policy reforms (one in each region) to promote financing of RE investments with the aim of strengthening the capacity of national and local policymakers
- f) Establishing an online platform for knowledge sharing information and compilation of best practices and lessons learned from other regions. That platform will also provide a knowledge base on promoting investments in renewable energy projects, available international financing mechanisms and best practices, and maintaining a database of case studies, as well as proposed and approved institutional and policy reforms, and other related information (financing schemes, capacity building, institutional strengthening etc.)
- g) End-of-project workshop to bring together officials from the two regions along with major domestic and foreign investors

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**First training seminar on “Renewable Energy project development, finance and business planning”, 30 Sep to 1<sup>st</sup> Oct 2015**

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- ✓ Co-organized by ECE and ESCWA (ECE leading) in Yerevan, Armenia during the 6<sup>th</sup> International Forum on Energy for Sustainable Development
- ✓ Training attended by 56 participants (including 6 women) from 28 countries
- ✓ The training seminar included several sessions led by a training facilitator; an international expert in the area of financing renewable energy projects
- ✓ During the different sessions, useful information were provided to participants to improve their financial engineering and business planning skills with respect to identifying, selecting and developing renewable energy investment projects and preparing bankable project proposals
- ✓ Project developers from ECE Member Countries, who were present at the training, received individual technical assistance from the training facilitator during the forum

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## Towards the second training seminar on “Renewable Energy project development, finance and business planning” Led by ESCWA

- ✓ Call for proposal sent to various RE Stakeholders in ESCWA MCs on 3 February 2016 with a reminder on 25 February 2016, and individual follow-up later on
- ✓ Received 12 RE project proposals from 6 ESCWA Member Countries, where project developers are seeking technical assistance
- ✓ The majority of the project developers from the ESCWA MCs were invited to this workshop; 9 projects are represented here
- ✓ A guidebook for project developers outlining the different steps for preparing bankable project proposals is being prepared by ESCWA and will be made available to all project developers and other RE stakeholders
- ✓ Individual technical assistance will be provided to project developers from ESCWA MCs after the training, over a period of about 10 months

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## Regional Training Workshop on: “Renewable Energy project development, finance and business planning”, 3 & 4 May 2016

### Objective:

The objectives of this training are to provide capacity building material on financial engineering tools and business planning processes for selected Renewable Energy (RE) project developers and other relevant stakeholders,

(provide an understanding on banks’ requirements and how to develop renewable energy bankable proposals, transferring know-how and knowledge on concepts and practical applications of project finance)

### Expected results:

- ✓ Improved capacity of government officials, national financial institutions and national energy experts and project developers to develop renewable energy investment projects in the private and public sectors.
- ✓ At the end of the course, participants will be able, on their turn, to present renewable energy projects bankable proposals to local and international financial institutions. This initiative intends to enhance renewable energy generation and use, provide for better energy security, realising savings of fuel, green house gases and safeguarding the environment.



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## National Case Studies of Policy Reforms to Promote Renewable Energy Investments (*Next milestone*)

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### Objective:

To examine the impact of policy reforms on promoting investments in RE projects in different ESCWA & ECE Member countries (4 ESCWA MCs & 2 ECE MCs)

### Topics of the Case Study reports:

- ✓ A policy reform that has transformed one or more economically attractive investment projects into a bankable project which has been financed;
- ✓ An assessment of the 'scaled-up' potential environmental, economic and financial impact of the case study for selected projects or 'classes' of projects including reductions of greenhouse gas emissions;
- ✓ Recommendations on new reforms to introduce market based energy systems based on the case study



## Activities of UNECE Group of Experts on Renewable Energy (GERE)

- Tracking of the progress made in the uptake of renewable energy sources
- Exchange of know-how and best practices on how to help significantly increase the uptake of renewable energy
- Integration of Renewable Energy in Future Sustainable Energy Systems

<http://www.unece.org/energywelcome/areas-of-work/renewable-energy/overview-of-activities-on-renewable-energy.html>





# Activities of UNECE Group of Experts on Renewable Energy (GERE)

## REN21 UNECE Renewable Energy Status Report

- covers 17 selected UNECE member countries located in the South-Eastern Europe, Eastern Europe, the Caucasus, and Central Asia
- draws on information from national and regional sources
- provides a comprehensive overview of the status of renewable energy and energy efficiency markets, industry, policy and regulatory frameworks, and investment activities

<http://www.unece.org/index.php?id=41987>



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## THANK YOU FOR YOUR ATTENTION



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