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ECONOMIC AND SOCIAL COMMISSION FOR WESTERN ASIA (ESCWA)

Regional Webinar to present the outcomes of the UNDA project on “Up-scaling Energy Efficiency in residential and services sectors in the Arab Region”

Online, via Zoom, 20 & 21 December 2021

INFORMATION NOTE

Within the framework of the [Eleventh International Forum on Energy for Sustainable Development \(IFESD-11\)](#), the United Nations Economic and Social Commission for Western Asia (UN-ESCWA), in partnership with the Jordanian Ministry of Energy and Mineral Resources (MEMR) and the Tunisian National Agency for Energy Conservation (ANME), is organizing a regional webinar to present the outcomes of the UNDA project on “[Up-scaling Energy Efficiency in the residential and services sectors in the Arab Region](#)”.

The webinar will be held online via Zoom, on 20 & 21 December 2021.

1. Background Information

The United Nations Economic and Social Commission for Western Asia (UN-ESCWA) is completing the implementation of the UN Development Account (UNDA) project on “Up-scaling Energy Efficiency in the residential and services sectors in the Arab Region”. The objective of this project is to substantially enhance the capacity of ESCWA Member States in improving and optimizing energy efficiency in the building sector and up-scaling energy efficiency programs in the existing residential and non-residential building stock.

The project builds on existing work that has been undertaken or is currently being implemented in the region, and elsewhere, to help the relevant institutions in two pilot countries; Jordan and Tunisia, develop the needed instruments and tools to set up effective large-scale implementation schemes for improving the existing buildings thermal quality and for dissemination of higher EE appliances and products. The UNDA project is intended to pave the way for a regional initiative aimed at up scaling energy efficiency programmes and measures targeting the existing building stock in the region

This project was conducted in partnership with the Ministry of Energy and Mineral resources (MEMR) in Jordan and the National Agency for Energy Conservation (ANME) in Tunisia. Several other partners also collaborated on many of the activities conducted within the framework of the UNDA project, including from Jordan; the Jordan Renewable Energy and Energy Efficiency Fund (JREEEF), the Jordan Standards and Metrology Organization (JSMO), the Jordan Department of Statistics (DoS) and the European Union Technical Assistance to the Renewable Energy and Energy Efficiency Program in Jordan (EU REEE II-TA), and from Tunisia; the Ministry of Commerce and Export Development, the Tunisian National Company of Electricity and Gas (STEG), the Technical Center for Mechanical and Electric Industries (CETIME) and the GIZ Programme for Energy Efficiency in Buildings (PEEB-GIZ). Initial contribution to the project background and fruitful conceptual discussions were provided by the UN Environment United for Efficiency (U4E) - En.lighten programme.

Implementation of the UNDA project is being completed in both Jordan and Tunisia. Project activities were

initiated by putting in place project task forces in cooperation with focal institutions in both countries. The taskforces helped engage key stakeholders in the UNDA project activities and facilitated the access to useful information for the project.

Project activities included: reports on comprehensive baseline mapping study of energy use in the building sector in both Jordan and Tunisia; Development of a digitalized platform for energy performance labeling certification of household equipment, the platform covers refrigerators, room air conditioners and washing machines and associates a mobile application for consumers, allowing them to access important information on any labelled product through a QR-Code. Also, the support material for a media campaign on reinforcing the energy performance labelling system in Jordan has been prepared, including posters and rollups to display at selected household equipment stores, as well as leaflets to be distributed to potential customers. Furthermore, a methodology for monitoring of energy consumption patterns in the residential sector and the services low-voltage segment of end users, was developed for both Jordan and Tunisia through a combination of a periodic survey mechanism and sample energy consumption measurements. Guideline brochures were prepared for Jordan and Tunisia as well as training material for both countries. The guideline brochures: one for equipment and one for the envelope in each country, targeting large public audience and training material targeting professionals, will serve to support the promotion of building energy efficiency in both countries.

Finally, financial and implementation mechanisms were designed for the execution of nation-wide programs targeting households in Jordan and Tunisia. One mechanism to replace old refrigerators by new higher efficiency ones in Tunisia and one mechanism for the dissemination of solar water heaters in Jordan. Other mechanisms were developed in both countries for the dissemination of roof insulation in residential buildings. These mechanisms were developed in collaboration with JREEEF for Jordan and ANME for Tunisia.

In this context, UN-ESCWA, in partnership with MEMER and ANME, is organizing this regional webinar as a closing event for the UNDA project to bring together UN-ESCWA Member Countries and different stakeholder groups such as international, regional and national institutions and organizations involved in the field of buildings EE, to showcase activities completed under the project in Jordan and Tunisia, present the final outcomes of the project, discuss the way forward for up-scaling energy efficiency programmes and measures targeting the building sector in the Arab region, and to invite all these actors to engage in a full-fledged regional initiative based on the lessons learned from the conducted activities under the UNDA project.

2. Objectives of the Webinar

The main objectives of the Webinar include, but are not limited to the following:

- Present the final outcomes and results of the UNDA project and showcase activities completed under the project in Jordan and Tunisia.
- Discuss the way forward for up-scaling energy efficiency programmes and measures targeting the building sector in the Arab region.
- Invite relevant international, regional and national actors in the building EE field to engage in a full-fledged regional initiative based on the lessons learned from the conducted activities under the UNDA project
- Contribute to the establishment of an active network of Arab stakeholders and practitioners who work on up-scaling energy efficiency in the building sector in the region and identify possible investments and financing opportunities.

3. Participants

The Regional Webinar will bring together participants from UN-ESCWA Member Countries and different stakeholder groups such as international, regional and national institutions and organizations in the field of building EE, officials and decision makers from the region, domestic and foreign financial institutions,

international and regional donors, NGOs, and academia.

4. Date and Venue

The webinar will be held online via Zoom on, Monday 20 and Tuesday 21 December 2021. The Zoom link will be shared with the participants in a separate email.

The webinar is scheduled to start each of the two days at 2:00 p.m. and to end at 4:30 p.m. Amman and Beirut local time (from 1:00 p.m. to 3:30 p.m. Tunis local time).

5. Language

The webinar will be conducted in the Arabic, English and French languages. Simultaneous interpretation from and into the Arabic, English and French languages will be provided.

6. Correspondence

All correspondence related to the workshop is to be sent to either one of the below addresses:

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