UNDA project, on “Up-scaling Energy Efficiency in the residential and services sectors in the Arab Region”

National Workshop, 22 July 2019 – Amman – Jordan

Overview of the UNDA project and the objectives of the workshop
Introduction of the ESCWA UNDA project on “Up-scaling EE in the residential and services sectors in the Arab Region”

**Objectives:**

- Substantially enhance the capacity of Arab countries in improving and optimizing energy efficiency in the building sector.
- Induce a change of scale in the implementation of energy efficiency programs in the existing residential and non-residential building stock.
Introduction of the ESCWA UNDA project on “Up-scaling EE in the residential and services sectors in the Arab Region”

**Axes of intervention:**

- Develop a comprehensive baseline mapping study to provide the reference situation/ baseline parameters, for developing EE programs

- *Develop/reinforce short, medium & long-term strategies/ appropriate EE policies for the residential and services sectors, to be used as frameworks for the implementation of large scale EE programs.*

- Initiate & enact, or reinforce existing, household and other equipment energy labelling systems and Minimum Energy Performance Standards (MEPS).

- Produce guidelines and trainings material in support of improving energy performance in the building sector

- Set up effective large-scale implementation schemes for dissemination of higher EE equipment & appliances, as well as improving the thermal performance of existing buildings, involving private and public resources,
Introduction of project activities related to the topics of this workshop

Contribute to establishing / reinforcing institutional and regulatory frameworks to promote EE in the residential and services sectors:

✓ Assessment of energy efficiency potential in the residential and services sectors by branch of activities and type of building
✓ Development of various scenarios of energy consumption in the residential and services sectors for energy efficiency implementation
✓ Identification of potential EE action programmes that are applicable on a nationwide level for the existing building stock, and assessing their potential energy and economic impacts, including the prioritisation of identified actions.
✓ Definition of short, medium and long-term objectives for implementing the developed programmes of EE actions, and assessing the associated investment requirements.
Introduction of project activities related to the topics of this workshop

The main elements of the planned activities:

Strengthen the capacity of decision-makers, officials and national experts working on the development of energy control strategies and programs in the building sector through:

✓ Organization of a national workshop bringing together relevant officials and national experts

✓ Accompaniment of the interested parties, with the support of the international consultant and the national expert, in:
  • the development of short, medium and long-term strategies and appropriate EE policies for the existing building stock of the residential and services sectors
  • developing the frameworks for the necessary Monitoring Reporting and Verification (MRV) schemes
Introduction of the agenda of the workshop

4 parts:

✓ **Session 1:** Introduction and project overview

✓ **Session 2:** Development of building EE policies in Jordan

✓ **Session 3:** Group work on the development, implementation and evaluation of sustainable energy policies in the buildings’ sector in Jordan

✓ **Session 4:** Implementing instruments for national sustainable energy policies
Session 1: Introduction and project overview

Opening Remarks & Introduction

*Mr. Zeyad Alsaaeda, Ministry of Energy and Mineral Resources (MEMR)*
& *Ms. Radia Sedaoui, ESCWA*

Overview of the UNDA project and the objectives of the present workshop

*Mr. Mongi Bida, ESCWA*

Weight of buildings energy efficiency measures in the Jordanian National Energy Efficiency Action Plan (NEEAP)

*Ms. Lina AL-Mobaideen, Jordan Renewable Energy & Energy Efficiency Fund (JREEEF)*
Session 2: Development of building EE policies in Jordan

Facilitators: Mr. Emil Alasis, EU REEE II-TA & Mr. Mongi Bida, ESCWA

National sustainable energy policies targeting the building sector in Jordan: Status and perspectives
Representative of the Jordanian National Building Council (JNBC)

Energy consumption scenarios in the building sector as an instrument for the development and implementation of sustainable energy programs in this sector & methods of assessing EE potential in the residential and services sectors
Mr. Adel Mourtada, ESCWA Consultant

Definition of short, medium and long-term objectives for implementing the developed programmes of EE actions, and assessing the associated investment requirements.
Mr. Adel Mourtada, ESCWA Consultant
Introduction of the agenda of the workshop

**Session 3:** Group work on the development, implementation and evaluation of sustainable energy policies in the Buildings Sector in Jordan

*Session Coordinator:* Ms. Radia Sedaoui, ESCWA

*Group Work Facilitators:* Ms. Ala’a Abdullah, Jordan Green Building Council; Ms. Lina AL-Mobaideen, JREEEF; Mr. Adel Mourtada, ESCWA Consultant;

**3 parallel group work on following themes (1 theme per group):**

**Group 1:** How to strengthen the implementation of sustainable energy policies in the building sector in Jordan?

**Group 2:** What measures (regulations, incentives, etc.) are needed to be put in place to ensure a change of scale in the building sustainable energy market in Jordan to accelerate the implementation of sustainable energy policies in this sector?

**Group 3:** What are the instruments that can ensure a judicious monitoring and active evaluation of the implementation of sustainable energy policies in the building sector?

Presentation of the conclusions & recommendations of the 3 working groups (10 minutes per group)

Open discussion regarding the conclusions & recommendations resulting from the Group Work
Session 4: Development of building EE policies in Jordan

Facilitators: Mr. Rasmi Hamza, JREEEF & Ms. Radia Sedaoui, ESCWA

The World Bank Project for facilitating financing of EE actions and programmes in Jordan

Mr. Yazan Tahboub, World Bank Group

The role of the Jordanian National Building Council in supporting the implementation of building EE policies in Jordan,

Representative of the Jordanian National Building Council (JNBC)

Identification of potential EE action programmes that are applicable on a nationwide level for the existing building stock, and assessing their potential energy and economic impacts, including the prioritisation of identified actions.

Mr. Adel Mourtada, ESCWA Consultant

The role of Super ESCOs in upscaling energy efficiency in the existing building stock in the Arab Region.

Mr. Mongi Bida, ESCWA

Open discussion regarding the topics addressed during the session

Closing remarks (MEMR & ESCWA)
For more information about energy sustainability issues in the building sector ....

Please refer to the latest ESCWA publication on the topic :

"Addressing energy sustainability issues in the buildings sector in the Arab region“

English version:

Arabic version:
THANK YOU FOR YOUR ATTENTION

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