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**Economic and Social Commission for Western Asia (ESCWA)
Department of Economic and Social Affairs (UNDESA)**

Expert Group Meeting on “Enhancing capacity building addressing Water and Energy interlinkages for Sustainable Development in the Arab Region”
Beirut, 25-26 June 2019

Agenda

Tuesday, 25 June 2019

12:30 – 13:00 **Registration**

The meeting will be held at United Nations House in the MZ conference room.

Sponsored participants are kindly asked to bring their passport, visa stamp and airline ticket stub to the meeting.

Opening Session and Introduction

Moderator: Ms. Radia Sedaoui, Chief, Energy Section, Sustainable Development Policies Division (SDPD), ESCWA

13:00 – 13:15 **Opening Statements**

- Ms. Roula Majdalani, Director, Sustainable Development Policies Division (SDPD), ESCWA
- Mr. Minoru Takada, Team Leader, Sustainable Energy, Division for Sustainable Development Goals, UNDESA

13:15 – 13:25 Tour de Table

13:25 – 13:30 Review of the Agenda

Session I Integrated approaches to water, energy and other Sustainable Development Goals in the context of the 2030 Agenda for Sustainable Development

Moderator: Ms. Roula Majdalani, Director, SDPD, ESCWA

Rapporteur: Ms. Sophie Chlela, Research Assistant, Energy Section, SDPD, ESCWA

13:30 – 13:50 Water and energy interlinkages within the framework of the 2030 Agenda for Sustainable Development: ESCWA Conceptual Framework and Activities

- Ms. Radia Sedaoui, ESCWA

13:50 – 14:10 Global Sustainable Water and Energy Solutions Network

- Ms. Isabel Raya, Energy Policy and Partnerships consultant, Division for Sustainable Development Goals, UNDESA

14:10 – 14:45 **Discussion**

14:45 – 15:00 Coffee Break

Session II National and international best practices in integrated approaches to water and energy for sustainable development	
Moderator:	Mr. Minoru Takada, UNDESA
Rapporteur:	Ms. Nadine Salame, Programme Management Assistant, Sustainable Energy, Division for Sustainable Development Goals UNDESA
15:00 – 15:15	Quantifying and benchmarking electricity consumption in the municipal water sector in the Kingdom of Bahrain. <ul style="list-style-type: none">• <i>Mr. Waleed Zubari, Professor, Water Resources Management Program, Arabian Gulf University (AGU), Bahrain</i>
15:15 – 15:30	Assessment of wastewater treatment technologies and promotion of smart irrigation systems in the MENA Region using an eco-friendly gum (MENARA) <ul style="list-style-type: none">• <i>Mr. Faissal Aziz, Professor, Department of Biology, Faculty Poly-disciplinary of Safi, University Cadi Ayyad, Morocco</i>
15:30 – 15:45	Water-Energy-Food-Health Nexus Renewable Resources Initiative (WEFRAH) <ul style="list-style-type: none">• <i>Ms. Darine Salam, Assistant Professor Department of Civil and Environmental Engineering, American University of Beirut (AUB), Lebanon</i>
15:45 – 16:45	Discussion
16:45 – 17:00	End of day 1

Wednesday, 26 June 2019

Session III Resource efficiency for advancing water-energy interlinkages for sustainable development	
Moderator:	Ms. Bothayna Rashed, Economic Affairs Officer, Energy Section, SDPD, ESCWA
Rapporteur:	Ms. Maya Antoine Mansour, Research Assistant, Energy Section, SDPD, ESCWA
9:00 – 9:15	Resource Efficiency within the Water-Energy interlinkages: ESCWA Operational Toolkit <ul style="list-style-type: none">• <i>Mr. Ziad Khayat, First Economic Affairs Officer, Water Resources Section, SDPD, ESCWA</i>
9:15 – 9:30	Water Treatment, Desalination Efficiency and Renewable Energy Integration <ul style="list-style-type: none">• <i>Mr. Hosni Ghedira, Director, Research Center for Renewable Energy Mapping and Assessment, Masdar Institute, United Arab Emirates</i>
9:30 – 9:45	Jordan Strategic Plan to Improve Efficiency in Energy and Water Fields <ul style="list-style-type: none">• <i>Mr. Wael Elayyan, Director, Director of Energy and Non-Revenue Water Unit, Ministry of Water and Irrigation, Jordan</i>
9:45 – 10:15	Discussion

Session IV Renewable Energy for advancing water-energy interlinkages for sustainable development

Moderator: Ms. Jamila Matar, Director, Energy Department, League of Arab States
Rapporteur: Mr. Jil Amine, Sustainable Development Officer, Energy Section, SDPD, ESCWA

10:15 – 10:30 Renewable Energy for advancing water-energy interlinkages for sustainable development: Lebanon Case Study
• *Mr. Rani Al Achkar, Director, Engineering and Planning, Lebanese Center for Energy Conservation (LCEC), Lebanon*

10:30 – 10:45 Micro-hydro-turbine pilot project in Tunisia
• *Mr. Mohamed Khaled Bin Mohamed Zaabar, Director of Energy Management, National Water Distribution Utility (SONEDE), Tunisia*

10:45 – 11:00 Economic and technical feasibility study for water pumping in Egypt
• *Mr. Tarek Ismail Naeem, Project Manager, Firnas Shuman, Egypt*

11:00 – 11:30 **Discussion**

11:30 – 12:00 Coffee Break

Session V Technology Transfer for advancing water-energy interlinkages for sustainable development

Moderator: Ms. Hazir Farouk Abdelraheem Elhaj, Assistant Professor, University of Science and Technology, Sudan
Rapporteur: Ms. Nadine Salame, UNDESA

12:00 – 12:15 Technology Transfer in the Arab region – Challenges and Opportunities
• *Mr. Jauad El Kharraz, Head of Research, MEDRC Water Research, Oman*

12:15 – 12:30 Overview of RICCAR for Informing the water-energy interlinkages
• *Ms. Carol Chouchani Cherfane, ESCWA*

12:30 – 13:00 **Discussion**

13:00 – 14:00 Group photo and Lunch Break

Session VI Promoting integrated approaches to water and energy interlinkages in the Arab Region: The Way Forward

Moderator: Ms. Radia Sedaoui, ESCWA
Rapporteur: Ms. Isabel Raya, UNDESA

14:00 – 15:30 Working Groups on means for advancing integrated implementation of water and energy interlinkages in the Arab Region
• Institutional and policy strengthening
• Data sharing and monitoring
• Finance, technology transfer and capacity building

15:30 – 16:00 Coffee break

16:00 – 16:30 Reporting by Working Groups

16:30 – 17:00 Discussion on the way forward

17:00 **Closing**

- UNDESA
- ESCWA