DRAFT AGENDA

**DAY 1 Tuesday July 11th, 2017**

**8:30 – 9:00** Registration

*A photographic identification card is needed to access UN House. Kindly allow time to collect your access card to the building. Sponsored participants are kindly asked to bring their passports, visa stamp and airline ticket stubs with them on the first day of the meeting.*

**09:00 – 10:00** Opening Session and Introduction

09:00 – 09:10 Welcoming and Opening Remarks:

*Ms. Carole Chouchani Cherfane, Chief, Water Resources Section, Sustainable Development Policies Division (SDPD), ESCWA*

09:10 – 09:30 UNDA Project Background and Agenda of the Workshop

*Ms. Radia Sedaoui, Chief, Energy Section, SDPD, ESCWA*

Tour de Table (10 min.)

**09:40 – 11:15** Session 1: Renewable Energy for Water and Wastewater Applications

Moderator: *Mr. Ziad Khayat, First Economic Affairs Officer, Water Resources Section, SDPD, ESCWA*

09:40 – 10:00 RE Technologies for Water and Wastewater Applications

*Mr. Hassan Arafat, UN-ESCWA Consultant*

10:00 – 10:10 Renewable Energy Applications in the Arab region

*Ms. Bothayna Rashed, Economic Affairs Officer, Energy Section, SDPD, ESCWA*


*Mr. Hosni Ghedira, Director of UAE Research Center for Renewable Energy Mapping*

10:25 – 10:40 Renewable Energy Opportunities in Oil and Gas – Oman Perspective

*Ms. Syham Bentouati, Managing Director at NAFA International LLC, Oman*
10:40–10:55  Sustainable Drinking Water Supply for Rural Areas and Displaced Communities  
*Mr. Nicola Somensari, Head of water Desert Technologies Factory Co. for Industry, KSA*

10:55 – 11:15  Discussion and Q&A

11:15 – 11:30  Coffee Break

11:30 – 13:00  **Session 2: Renewable Energy in Electricity Production**  
**Moderator:**  
*Mr. Joseph El Assad, Energy Advisor at the Ministry of Energy & Water, Lebanon*

11:30 – 11:50  RE Technologies for Desalination and Electricity Production  
*Mr. Hassan Arafat, ESCWA Consultant*

11:50 – 12:00  UAE Water-Energy Nexus and Includes Renewables and Desalinations  
*Mr. Toufic Mezher, Professor, Masdar, UAE*

12:00 – 12:15  Clean Water Scarcity in African Countries  
*Mr. Mohammed Nabih Gherradi, Chief Technology Officer, Desert Technologies Factory Co. for Industries, KSA*

12:15 – 12:30  Renewable Desalination in the MENA Region  
*Mr. Jauad El Kharraz, Head of Research, MEDRC Water Research, Oman*

12:30 – 12:40  Hydropower from Non-River Sources: The Potential in Lebanon  
*Mr. Karim Ossieran, Generation Advisor to the Ministry of Energy and Water, Lebanon*

12:40 – 12:50  Water Desalination Project in Lebanon  
*Mr. Ahmad Itani, Managing Partner, Arison, Lebanon.*

12:50– 13:00  Discussion and Q&A

13:00 – 14:00  Coffee Break

14:00 – 15:55  **Session 3: Water Energy Nexus –RE Case Studies**  
**Moderator:**  
*Ms. Radia Sedaoui, Chief, Energy Section, SDPD, ESCWA*

14:00 – 14:10  Presentation of the Case Studies within Water-Energy Nexus Context

14:10 – 15:10  Breakout Workgroup Sessions

**Group 1:** Renewable Energy Desalination  
*Facilitator: Mr. Toufic Mezher, Professor, Masdar, UAE*

**Group 2:** Renewable Energy Use for the Power Sector  
*Facilitator: Mr. Hassan Arafat, UN-ESCWA Consultant*

**Group 3:** Water-Energy Nexus in energy recovery from wastewater operations  
*Facilitator: Ms. Syham Bentouati, Managing Director at NAFAS In. LLC, Oman*

15:10– 15:40  Presentation by Each Working Group

15:40– 15:55  Discussion and Q&A

15:55 – 16:10  **First day wrap up**
09:00 – 10:00  Session 4: Water – Energy Nexus Country Pilot Projects
Moderator:  Ms. Syham Bentouati, Managing Director at NAFAS International LLC, Oman

09:00 – 09:15  Solar-Water Pump Pilot Project- Suwaydaa, Syria
Mr. Younes Ali, General Director of National Energy Research Center (NERC)

09:15 – 09:30  Micro-hydroturbine Pilot Project- Tunisia
Mr. Henri Boyé, ESCWA Consultant

09:30 – 09:45  Solar-Water Pump Pilot Project- Egypt
Mr. Maged Safwat Sadek Morcos, Senior Engineer, Planning and Authorities, Ministry of Electricity and Renewable Energy

09:45 – 10:00  Discussion and Q &A

10:00 – 10:15  Coffee Break

10:15 – 12:00  Session 5: Key Performance Indicators and Financial Implication for the Water-Energy Nexus
Moderator:  Ms. Radia Sedaoui, Chief, Energy Section, SDPD, ESCWA

10:15 – 10:30  Key Performance Indicators and Financial Implications for the use of RE Technologies
Mr. Hassan Arafat, UN-ESCWA Consultant

10:30 – 11:30  Group discussion: RE Technologies – Indicators and Measuring Performance

11:30 – 12:00  Presentation of Outcomes of the Groups Discussion

12:00 – 13:00  Lunch Break and Group Photo

13:00 – 14:40  Session 6: Water Energy Nexus Countries Programs and Initiatives
Moderator:  Mr. Hosni Ghedira, Director of UAE Research Center for Renewable Energy Mapping

13:00 – 13:10  Morocco - Ms. Siham Laraichi, Head of Concessions and Partnership Service
Ministry of Equipment, Transport and Logistics and Water, Morocco

13:10 – 13:20  Sudan - Mr. Abbas Babikir Ali, Director of Planning and Design Sector
Ministry of Water Resources, Irrigation and Electricity, Sudan

Division Royal Scientific Society, NREC, Jordan

13:30 – 13:45  Coffee Break


13:55 – 14:05  Lebanon- Mr. Nader Hajj Shehadeh, Principal Consultant Energy and Sustainability, OTB Consult, Lebanon
14:05 – 14:15  Libya- Mr. Mohammad Sidoon, Director of the Chairman Office of REAOL, Libya

14:15 – 14:25  Palestine- Mr. Ayman Ismail, General Director of Palestine Energy Authority, Palestine

14:25 – 14:40  Discussion and Q&A

14:40 – 14:50  **Wrap-up of the Workshop and Way Forward**
Ms. Radia Sedaoui, Chief Energy Section, SDPD, ESCWA

14:50 – 15:00  **Closing Statement**
Ms. Carole Chouchani Cherfane, Chief, Water Resources Section, Sustainable Development Policies Division (SDPD), ESCWA