



## **AQUACYCLE Final Conference**

**“Towards Sustainable Treatment and Reuse of Wastewater in the Mediterranean Region”**

23<sup>rd</sup> – 24<sup>th</sup> June 2023

*Chamber of Commerce, Industry & Agriculture*  
Tripoli, Lebanon



## Day 1: June 23, 2023

**08.00-09.00 Registration**

**09.00-9.40 Opening session – Welcome addresses**

- Prof. Ahmad ElMoll, AQUACYCLE Project Team Leader, Lebanese University
- Dr. Konstantinos Plakas, AQUACYCLE Project Manager, CERTH, Greece
- Dr. Esmat Al-Karadsheh, ENI CBC MED representative
- Mr. Tawfik Dabboussi, President of Chamber of Commerce in Tripoli and north Lebanon
- Prof. Bassam Badran, President of the Lebanese University
- Prof. Nasser Yassine, Lebanon's Minister of Environment

**09.40-10.20 Coffee break (welcome reception)**

**10.20-11.20 Keynote speeches (Chair: Prof. Ahmad ElMoll)**

- **Wastewater treatment in Lebanon: status and future challenges**  
Najib Abi Chedid, Senior Environmental Specialist, Ministry of Environment in Lebanon
- **Wastewater situation in North Lebanon**  
Dr. Khaled Obeid, North Lebanon Water Establishment (NLWE)
- **Pilot demonstration unit of AQUACYCLE's eco-innovative wastewater treatment system in Deddeh Koura, North Lebanon**  
Mr. Hussam Hawwa, DIFAF

**11.20-12.20 AQUACYCLE project legacy: the MedAPOC Charter (Chair: Dr. Tawfik Al Naboulsi)**

- **Join AQUACYCLE's Mediterranean Wastewater Reuse Alliance**  
Anna Spiteri & Eng. Dirk De Ketelaere, IRMCo, Malta
- **Strengthening the Alliance through capitalization activities in the ENI CBC MED funded MEDWAYCAP project**  
Dr. Konstantinos Plakas, MEDWAYCAP Project Manager, CERTH, Greece

**12.20-12.45 Official launch of MedAPOC Charter – Press Conference**

**12.45-14.00 Buffet lunch**

**14.00-15.00 Roundtable: Testimonies on the treatment of municipal wastewater in Lebanon (Session moderated by Prof. Mohamad Khalil)**

- **Municipalities Union of Zgharta**, Mrs. Jessy Franjiyeh
- **Municipality of Qoubayat**, Eng. Youssef Antoun
- **Municipality of Mashghara**, ICU, Dr. Majida Moucheik



- 15.00-16.30 Roundtable: Experiences from wastewater related research projects in Lebanon** (*Session moderated by Prof. Ahmad ElMoll*)
- **NAWAMED** (Mrs Maya Melhem, American University of Beirut)
  - **SWATH** (Dr. Makram El Bachawati, University of Balamand)
  - **MARAMEDITERA** (Dr. Fatima Yahya, Lebanese University)
  - **PROSIM** (ICU, Dr. Majida Moucheik)
- 17.00-19.00 Social event in Tripoli**
- Site visit to APOC demo-site and Sea Tour by boat (“Nakhil” island and other islands)
- 20.00 Dinner at Al Nakheel Restaurant (Seafood)**

## **Day 2: June 24, 2023**

- 09.00 - 09.30 Drawing up of action plans for the reuse of treated effluent with the aid of AQUACYCLE WebGIS decision-support tool**  
Dr. Ioannis Manakos (CERTH)
- 09.30 - 10:00 Enabling local communities to participate in the drawing up of wastewater reuse action plans**  
Eng. Dirk De Ketelaere (IRMCo)
- 10.00 - 10.30 Coffee break**
- 10.30 - 11.15 Sharing outcomes of laboratory research to optimize the individual components of the APOC system**  
Mr. Hamadi Kallali (CERTe), Mr. Fadhel M’Hiri (CITET)
- 11.15 - 12.00 AQUACYCLE’s eco-innovative wastewater treatment system (APOC): performance and cost-benefit analysis**  
Mr. Pedro Simon (ESAMUR), Dr. Isabel Oller (PSA-CIEMAT)
- 12.00 - 12:45 Viewpoints of local communities in Lebanon regarding the reuse of treated domestic effluent**  
Dr. Tawfik Al Naboulsi (Lebanese University)
- 13.00 - 14.30 Lunch**
- 14.30 - 22.00 Visits to Grotto Geita and Byblos**



## **June 22, 2023: Pre-Conference Field Excursion Programme**

- 08.30-9.00 Welcoming and Reception at the AZM center in Tripoli**
- 9h00.9h.30 Presentation of the AZM center and the AQUACYCLE final conference Program**
- 10.00 - 11:30 Start the excursion to Akkar (45 Km from Tripoli)**
- 11.30 - 12.30 Visiting Wastewater stations in Koubayat near Akkar atika (functioning) and in Akkar Atika (Not functioning, under construction)**
- 12.30 - 13.30 Visiting the MARAMEDITERRA Living Lab (under construction)**
- 13.30 - 15.00 Lunch in Nabh Chouh restaurant in Akkar Atika (Chouh Trees)**
- 15.00 - 16.00 Exploring the possibility of implanting of APOC system in Akkar Atika**
- 16.00 - 17.30 Return to Tripoli**
- 17.30 - 18.30 Preparation for the AUQCYCLE final Conference in Tripoli**