



Circular Desalination: Value Chains & Sustainability

22 May 2023, 10:30 – 16:00
Limassol, Cyprus

This workshop is aiming at **structuring the problems** arising from the transition of existing linear desalination sociotechnical systems into **circular & carbon neutral ones**. Building upon the results of a novel technical demonstration of WATER-MINING project (budget: 19 million EUR) we explore the social embedding of the Circular Desalination solution within the context of Cyprus, co-creating together with key stakeholders the emerging value chains in a sustainable fashion. The end goal is to build a master plan for Cyprus to be widely accepted through **consensus building**. The plan is intended to act as the basis for establishing the **first of its kind implementation** to be replicated in the wider region of the EU-Mediterranean region.

Final Agenda
version: 18.05.2023



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Venue: [Parklane](#), a Luxury Collection Resort & Spa, Limassol
Address: 11 Giannou Kranidioti Street, Limassol 4534 Cyprus
Meeting Room: Park Room



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Agenda

Time	Item
10:00 – 10:30	Registration
First Part: Sustainable Desalination: EU developments & WATER-MINING project (landscape & niche levels) (10:30 – 13:00)	
10:30 – 10:35	Opening : Dimitris Xevgenos , Assistant Professor in Circular Water Value Chains & Sustainability, Technology, Policy & Management faculty, Delft University of Technology
10:35 – 10:45	Arnoldas Milukas , Head of Unit “Biodiversity, circular economy and environment”, European Research Executive Agency
10:45 – 11:00	Setting the scene: Desalination, Circularity & Sustainability & the WATER-MINING project Dimitris Xevgenos – Executive Project coordinator WATER-MINING, Delft University of Technology
Presentations & panel discussions	
<i>Info: this session includes four thematics each starting with one presentation (see further below) and then a panel discussion, including the presenters and the following panelists:</i>	
<ul style="list-style-type: none"> ▪ Violeta Kuzmickaite, Project Adviser, European Research Executive Agency ▪ Panagiotis Balabanis, Head of Sector Water, B1 – Circular Economy & Biobased Systems, DG Research & Innovation ▪ Marilena Papastavrou, National Contact Point for LIFE Programme, Ministry of Agriculture, Rural Development and Environment ▪ Thomas Track, Head of Water Management Division, DECHEMA ▪ Frithjof Kuepper, Professor, University of Aberdeen ▪ Makis Ketonis, President, Cyprus Hydrogen Association 	
11:00 – 11:45 (virtual connection)	<p>First thematic: Value Chains & (secondary) raw materials</p> <ul style="list-style-type: none"> • Presenter: Ángel Prior, Project Officer - Critical materials & strategic value chains for the Energy transition, Joint Research Center <p>Second thematic: European Commission fundings</p> <ul style="list-style-type: none"> • Presenter: Francesco Matteucci, Program Manager in Green Technologies, EIC Accelerator • Presenter: Joao SERRANO GOMES, Policy Officer, Low Carbon Solutions Research & Low Carbon Technology Deployment, DG CLIMA





Time	Item
11:45 – 12:00	Coffee break
12:00 – 12:50	<p>Third thematic: Environmental pressures & regulations</p> <ul style="list-style-type: none"> • Speaker: Erol Cavus, Programme Management Officer at UN Environment Programme <p>Fourth thematic: Desalination & energy nexus</p> <ul style="list-style-type: none"> • Speaker : Guillermo Zaragoza, Head of Solar Thermal Applications R&D at Plataforma Solar de Almería (CIEMAT)
12:50 – 13:00	Short Q&A
Light Lunch Break (13:00 – 13:30)	
Second Part: Sustainable Desalination in Cyprus (mainstream regime transformation) (13:30 – 16:00)	
13:30 – 13:45	<p>Circular & Decarbonized Desalination: the case of Cyprus</p> <p>Dimitris Xevgenos – Exec. Project coordinator WATER-MINING. TU Delft, the Netherlands & Giorgio Micale, Professor University of Palermo</p>
Presentations & panel discussions	
<p><i>Info: this session includes four thematics each starting with one presentation (see further below) and then a panel discussion, including the presenters and the following panelists:</i></p> <ul style="list-style-type: none"> ▪ Dimitris Petrides, Industrials Extensions Officer, Ministry of Energy, Cyprus Government ▪ Gianni Chianetta, Chairman, Greening the Islands Foundation ▪ Johnson Roussety GOSK, Chief Commissioner of Rodrigues ▪ Jean Nicholas Volbert, Commissioner for Health of Rodrigues ▪ Stavros Caramodanis, CEO, Caramodanis Desalination Plants Limited ▪ Olga Salagkos, Plant manager of Dhekelia Desalination plant, Caramodanis Desalination Plants Limited ▪ Andreas Gregoriou, Permanent Secretary, Ministry of Agriculture, Rural Development and the Environment, Cyprus Government ▪ Effie Attikouri, Water Development Department, Ministry of Agriculture, Rural Development and the Environment, Cyprus Government ▪ Evrripides Kyriakides, Senior Electrical/Mechanical Engineer, Water Development Department, Ministry of Agriculture, Rural Development and the Environment, Cyprus Government ▪ Constantinos Antoniadis, Department of Fisheries and Marine Research, Ministry of Agriculture, Rural Development and the Environment, Cyprus Government 	





Time	Item
	<ul style="list-style-type: none"> ▪ Andri Demetriadou, Director of Energy & Environment Department, Cyprus Employers and Industrialists Federation ▪ Nestor Fylaktos, Research Scientist, Energy Division, EEWRC, The Cyprus Institute
13:45 – 14:35	<p>First thematic: Desalination: current regime & challenges</p> <ul style="list-style-type: none"> • Speakers : Michael Michael, Manager, Non regulated services, & Aristotelis Komodromos, Electricity Authority of Cyprus <p>Second thematic: Renewables and hydrogen plans in Cyprus</p> <ul style="list-style-type: none"> • Marios Georgiou, Head of Proteas, Energy, Environment and Water Research Center, Cyprus Institute
14:35 – 14:45	Short Q&A
14:45 – 15:35	<p>Third thematic: Replicability potential, business models & other case studies</p> <ul style="list-style-type: none"> • Speaker 1: Konstantinos Stroutzas, R.E.S Manager, ITA Group • Speaker 2: Manuel Sapiano, CEO, Water & Energy Agency, Government of Malta
Short break (10 min)	
Closure of the meeting & follow-ups (15:45 – 16:00)	
15:45 – 16:00	<p>Wrap up & Closure</p> <ul style="list-style-type: none"> • Key learnings from the workshop: <ul style="list-style-type: none"> (i) Conclusions by the moderator; (ii) Main take-aways & recommendations from panellists • Follow-up actions

