



PRIMA programme is supported by Horizon 2020, the European Union's Framework Programme for Research and Innovation.

**Webinar:**

# **SOLUTIONS AND CHALLENGES FOR SUSTAINABLE WATER MANAGEMENT IN THE MEDITERRANEAN BASIN**

*Synergies between PRIMA projects*

**29 September 2022**



**DAY OF THE  
MEDITERRANEAN**

NOVEMBER 28

## AGENDA

TIME (CEST)	
09h	<p><b>Welcome and opening of the webinar</b>  <i>Speaker: Attilio Toscano, University of Bologna - FIT4REUSE Project</i></p>
09h05	<p><b>Greetings by PRIMA</b>  <i>Speaker: Marco Orlando, PRIMA Project Officer</i></p>
<p><b>Projects' support to policy making and water planning</b>  <i>Moderator: Miguel Angel Zamora, University of Murcia</i></p>	
09h10	<p><b>DSWAP: Monitoring systems to support policy making and water planning</b>  <i>Speaker: Célia Manaia, Catholic University of Portugal – DSWAP Project</i></p>
09h25	<p><b>FIT4REUSE: Exploiting the use of non-conventional water resources – the analysis of the current legislative and policy frameworks</b>  <i>Speakers: Attilio Toscano and Matteo Vittuari, University of Bologna – FIT4REUSE Project</i></p>
09h40	<p><b>WATERMED 4.0: Decision support systems for efficient management of water resources in agriculture</b>  <i>Speaker: Miguel Angel Zamora, University of Murcia – WATERMED 4.0 Project</i></p>
09h55	<p><b>Q&amp;A</b></p>
<p><b>Projects' contribution to sustainable water management in agriculture</b>  <i>Moderator: Célia Manaia, Catholic University of Portugal</i></p>	
10h00	<p><b>Technological solutions</b></p> <p><b>Tertiary treatment of urban wastewater by solar photo Fenton: a feasible solution for small wastewater treatment plants?</b>  <i>Speaker: Luigi Rizzo, Salerno University – DSWAP Project</i></p> <p><b>Intensive solutions for municipal wastewater treatment: combination of compact technologies</b>  <i>Speaker: Francesco Fatone, Marche Polytechnic University – FIT4REUSE Project</i></p>

TIME (CEST)	
10h20	<p><b>Water sustainability: assessment of impacts and benefits of the innovative systems and technologies</b></p> <p><b>Mitigation of antibiotic resistance in wastewater effluent storage reservoirs</b> <i>Speaker: Eddie Cytryn, Agricultural Research Organization (ARO) – DSWAP Project</i></p> <p><b>The effects of non-conventional water resources on drippers, soil and crops</b> <i>Speaker: Rémi Declercq, Ecofilae – FIT4REUSE Project</i></p> <p><b>Water reuse: benefits and barriers for the agronomic sector</b> <i>Speaker: Burcu Yazıcı, Turkish Water Institute-SUEN – WATERMED 4.0 Project</i></p> <p><b>Assessment of applying hydroponics/agrivoltaic systems in water scarce areas</b> <i>Speaker: Brendon Bingwa (Fraunhofer Institute for Solar Energy Systems) – WATERMED 4.0 Project</i></p>
11h00	<p><b>Sustainable water management: decision support tools</b></p> <p><b>Assessment of smart agriculture tools for efficient water and fertilizer use</b> <i>Speaker: Vicente Martinez Lopez (Spanish National Research Agency - CEBAS-CSIC) – WATERMED 4.0 Project</i></p> <p><b>Decision support framework to evaluate wastewater reuse in irrigation using secondary and tertiary water treatment modules</b> <i>Speaker: Aparna Chandrasekar, Technical University of Dresden – DSWAP Project</i></p> <p><b>Integration and modelling of water treatment solutions – the Simulation Platform</b> <i>Speaker: Özlem Karahan Özgün, Istanbul Technical University – FIT4REUSE Project</i></p>
11h30	Q&A
11h35	Break (5')

TIME (CEST)	
11h40	<p><b>Round Table – Barriers to sustainable water management in agriculture</b></p> <p><i>Moderator: Alain Meyssonier, Institut Meditteraneen de l'eau (IME)</i></p> <p><b>Participants:</b></p> <p><i>Adriano Battilani – Irrigants d'Europe</i></p> <p><i>Faycel Chenini – Food and Agriculture Organization of the United Nations (FAO)</i></p> <p><i>Bernd Gawlik – Joint Research Centre (JRC) of the European Commission</i></p> <p><i>Olcay Unver – Arizona State University</i></p>
12h40	<p><b>Conclusions</b></p> <p><i>Attilio Toscano, University of Bologna – FIT4REUSE Project</i></p> <p><i>Eddie Cytryn, Agricultural Research Organization (ARO) – DSWAP Project</i></p> <p><i>Miguel Angel Zamora, University of Murcia – WATERMED 4.0 Project</i></p>
12h55	<p><b>Closure of the event</b></p>