

# D.2.5.1 – Conversation on practices and methods for sustainable marine ecosystem



## Document Control Sheet

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# ANNEXES

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# 1. INTRODUCTION

WATERCARE project accepted the IT-HR JS Communication Manager proposal to join the Next Generation Adriatic Cooperation Programme and to actively contribute to the realization of two activities named “Advanced management systems for clean water” and “Innovative water cities: advanced solutions to address current and future water challenges”. The first one is conversation focused on methods/practices for sustainable marine eco-system; while the second one is conferences in which spreading innovative solutions to be adopted and their state of the art.

Since the participation wasn't funded and WATERCARE had to pay for participation we found another solution. Instead of the NextGen initiative WATERCARE created two of their own events (one with other projects and other with Italian and Croatian students, on the same topics).

We created online event “Conversation on practices and methods for sustainable marine eco-system”.

The event was streamed online on Thursday, the 23rd of September 2021, from 10.00 to 13.00 CET via Zoom platform.

This event, beside WATERCARE representatives, was joined by representatives from Interreg Italy-Croatia Programme projects AdSwim, ASTERIS and ECOMAP.

Marine ecosystem in this area is of great importance for the authorities, institutions, programs, associations, organizations and finally all Croatian and Italian residents, and residents beyond these countries borders as well. The event was organized as an exchange of experiences between projects from the Interreg Italy-Croatia cross-border cooperation Programme, which have as their niche the preservation and creation of a sustainable marine eco-system and

innovative solutions for water management.

Several Croatian and Italian experts in the field participated and they talked about their methods, samplings, problems, strategies and innovative solutions for different problematics regarding water management.

First presentations were about WATERCARE project, presented by Ms. Elisa Baldrighi (CNR IRBIM) and Ms. Vedrana Špada (Istria University, ex METRIS).

Ms. Baldrighi explained how WATERCARE aims to improve the quality of the microbial and environment and resource efficiency in bathing and coastal waters reducing the microbial contamination by using innovative tools in waste management and treatment.

Also, developing an innovative Water Quality Integrated System (WQIs) composed by a real time hydro-meteorological monitoring network, realizing an ad-hoc infrastructure for bathing waters management in a pilot site through a forecast operational model, realizing feasibility studies in other 4 target sites to improve planning and management of environmental problems of the marine system, developing a real-time alert system able to preventively identify the potential ecological risk from focal contamination of bathing waters and to support governance decision and processes in bathing water management.

Ms. Špada presented a case study of all mentioned activities on target site Raša in Istria – the samplings, the results, problems and possible solutions in her own experience.

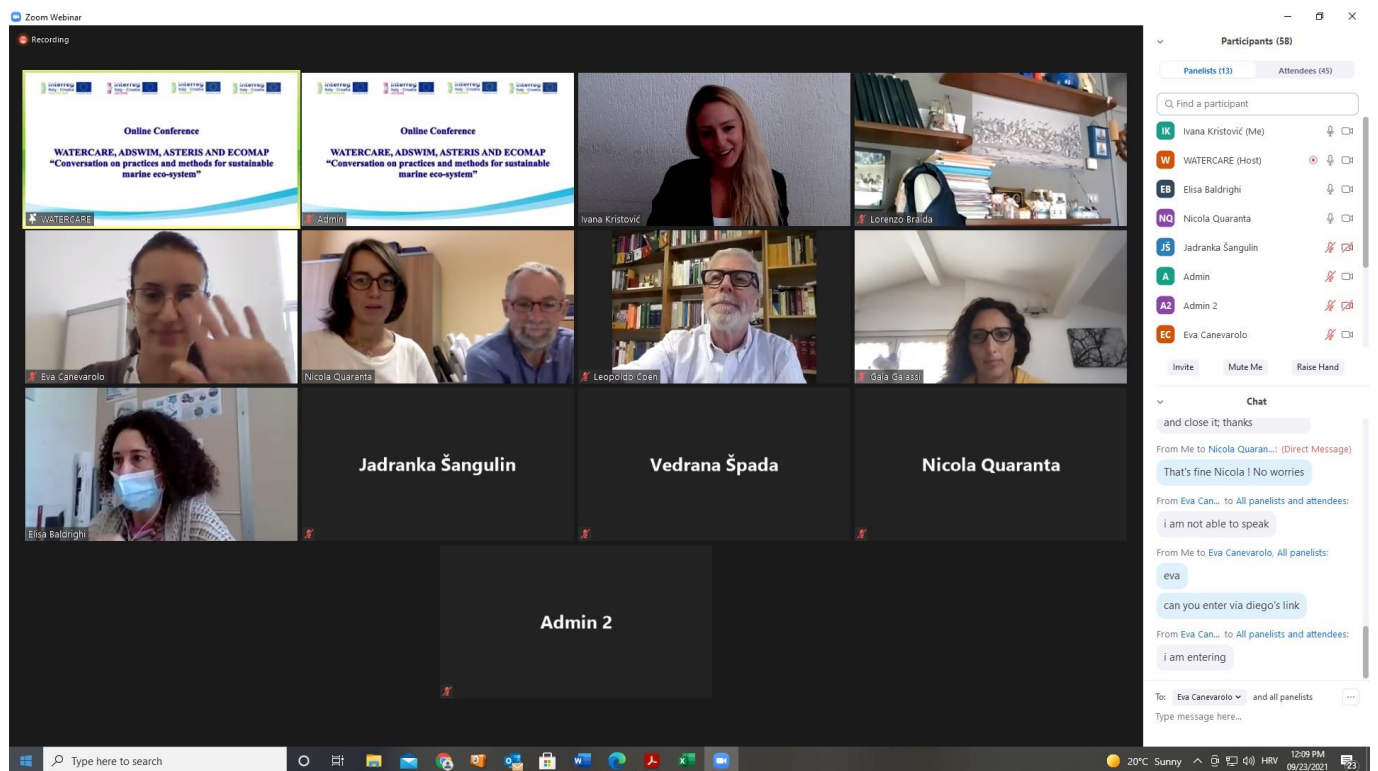
Afterwards, projects AdSwim, ASTERIS and ECOMAP were shown by their own representatives: ADSWIM - Ms. Jadranka Šangulin from Institute of Public Health of Zadar and Mr. Leopoldo Coen from Municipality of Udine

ASTERIS - Gaia Galassi from University of Urbino, Department of Pure and Applied Sciences and Marche Region, Environmental Assessment Office and Nicola Quaranta from GEO engineering from Torino

ECOMAP - Mr Lorenzo Braida from Bibione Mare S.p.A. of San Michele al Tagliamento and Mr. Diego Santaliana, International projects coordinator Upper Adriatic Technology Park.

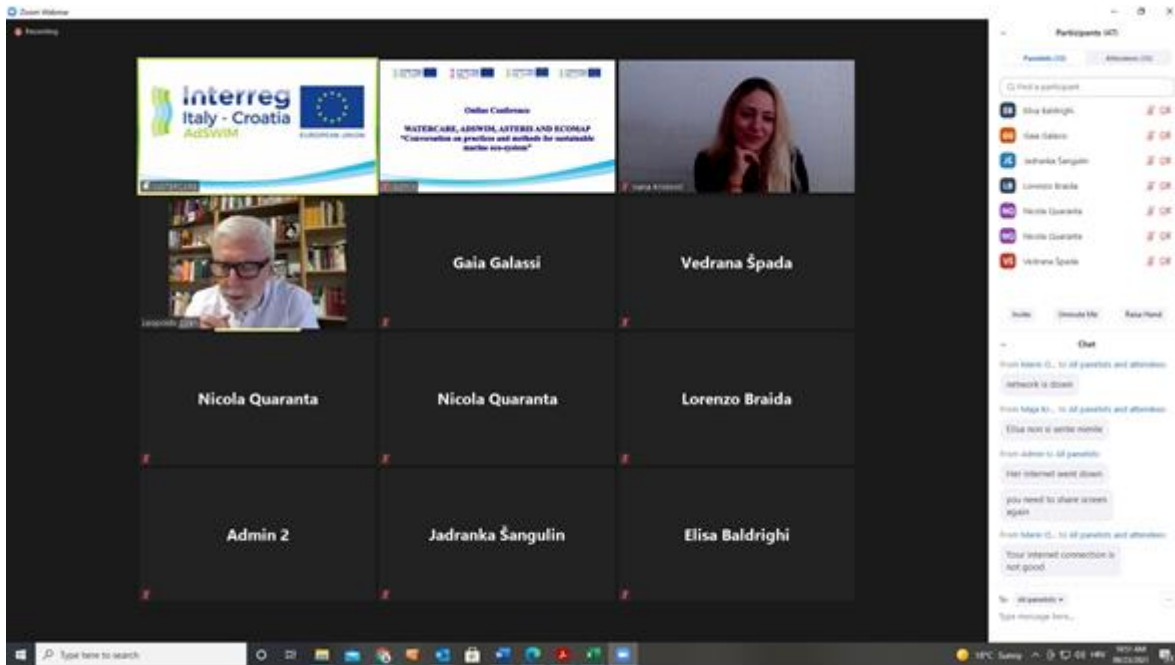
With shared experiences on these important topics – Water management solutions for reducing microbial environment impact in coastal areas, eco sustainable management of marine and tourist ports, managed use of treated urban wastewater for the quality of the Adriatic Sea, adaptation to saltwater intrusion in sea level rise scenarios opened a view about handling more water issues in adequate and functional ways.

## 2. ANNEXES



The screenshot displays a Zoom Webinar interface. The main window shows a grid of participants. The top row features two slides with the title "Online Conference WATERCARE, ADSWIM, ASTERIS AND ECOMAP 'Conversation on practices and methods for sustainable marine eco-system'". Below the slides, several participants are visible in video thumbnails, including Ivana Kristović, Lorenzo Braida, Eva Canevarolo, Nicola Quaranta, Leopoldo Coan, and Gaia Galassi. The bottom row shows three participants with their names displayed: Jadranka Šangulin, Vedrana Špada, and Nicola Quaranta. A fourth participant, Admin 2, is also visible. On the right side, a "Participants (58)" panel lists 13 panelists and 45 attendees, including Ivana Kristović (Me), WATERCARE (Host), Elisa Baldrighi, Nicola Quaranta, Jadranka Šangulin, Admin, Admin 2, and Eva Canevarolo. Below the participant list is a chat window with messages such as "and close it; thanks", "That's fine Nicola I No worries", "I am not able to speak", and "can you enter via diego's link". The system tray at the bottom shows the time as 12:09 PM on 09/23/2021 and the weather as 20°C Sunny.

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