



BlueMissionMed Support Programme

Online Events: Hackathon4Cities

13 November 2025 from 10:30 to 12:00 CEST, venue

Context	The BlueMissionMed Support Programme, the EU-funded project (under the EU Mission 'Restore our Ocean and Waters'), is organising an online activity focused on the wastewater and solid waste management sector in urban areas. This activity is carried out taking into account the conclusions and recommendations of the document "DECONTAMINATING THE MEDITERRANEAN - Roadmap 2030 for key economic sectors to fulfil the EU's mission to restore our oceans and waters through innovative and transformative solutions" as well as the "Operational Implementation Roadmap (OIR)" document. Both documents are available in the "Resources for Stakeholders" section of the BlueMissionMed website.
Objectives	Its main objective is to inspire, empower and support stakeholders and professionals in the urban areas sector who are interested in contributing to and advancing actions aimed at preventing and/or minimising pollution in our oceans and waters. This Hackathon event will also be organised to support the generation of innovative ideas in areas where solutions have not yet emerged, or to foster embryonic solutions and strategic partnerships among BMM community members.





Organizer	BlueMissionMed	https://bluemissionmed.eu/
Target participants	Public authorities, Governance actors, Business, Research & Innovations, Start-ups, Civil Society involved in the wastewater and solid waste management sector in urban areas.	
Sectoral priority	Around 70% of the population now living in urban areas. Municipal Solid Waste (hereinafter referred to as MSW)MSW, consumption has been rising exponentially in recent decades: the annual weight of MSW generated in the EU Mediterranean now averages out at 500kg per capita, while the figure for non-EU countries is 300kg. Management of MSW is one of the main causes of marine plastic pollution. If business as usual practices continue, models project that the annual volume of mismanaged waste will more than double by 2040, leading to an exponential increase in marine litter. Microplastics, too, are released from mismanaged MSW as it fragments; while urban run-off and wastewater discharges can contain microplastics from deterioration of materials during usage including synthetic textiles, cooking utensils, building coatings, artificial turfs and many other products. Wastewater also contains micropollutants that can harm aquatic life and there is concern about – inputs of ‘contaminants of emerging concern’ (CoECs). Research confirms that CoECs are now ubiquitous in Mediterranean waters. The activity will focus on raising awareness and promoting the priorities identified in the OIR and the Depolluting the Mediterranean report, with the aim of preventing and minimising their impact on our oceans and waters. It will address key aspects such as: • Introducing support services for local innovation • Accelerating circular models in the management of wastewater and MSW as a clear priority for the sector (including valorization). • BlueMissionMed: Innovative Transformative Solutions. • Co-create innovative ideas in areas where solutions have not yet emerged. • Networking to foster embryonic solutions and strategic partnerships among BMM community members • Best practice exchanges among cities and municipalities across the Mediterranean.	



	Sources: DECONTAMINATING THE MEDITERRANEAN
Link	Registration Link: Here We request your consent to receive the BlueMissionMed's newsletter and information. By subscribing, you will stay updated on the latest developments in coastal and marine environmental protection.

Agenda

10.30-10.35 Opening	Welcome and presentation. Speaker & Session moderator: Mari Carmen García, IEO-CSIC.
10.35-10.50 “BlueMissionMed Tools & resource”	Presentation of the BlueMissionMed project and the mission ‘Restoring our oceans and waters’. Speaker: Coordinator (CSA)// Coordinator WP4 Members. Presentation of the tools and resources produced by the BlueMissionMed project, which aims to involve the urban areas sector in the prevention and elimination of protection and conservation of the oceans: • Resources for stakeholders. • Innovative and transformative solutions applicable to the Hackathon sectors. • Citizen science toolkit: Our Blue Treasure - Children's book. Potential use in entertainment/ awareness/games activities for children in urban areas. Speaker: Mari Carmen García, IEO-CSIC.
10.50-11.35 “Inspirational Solutions” session	Interactive Session 1: ‘Inspirational Solutions’. Compilation of innovative transformative solutions available and pilot experiences implemented or planned to be implemented. • Solution 1. Detection of coastal marine litter using drone data combines with the application of machine learning. (To be confirmed). • Solution 2. WWF - City Network for the implementation of Zero Waste Action Plans. (To be confirmed) • Solution 3. Microfluidic filtration tech for water micropollutants. (To be confirmed). • Solution 4. Water treatment technology for microplastic removal. Dr. Katrin Schuhen • Solution 5. Solution Purple Phototrophic bacteria / Biorefineries Production of new materials – Deep Purple. (To be confirmed)



	• Solution 6. TRESOIL Power2X Waste to Energy - Roger Preston. Solutions on BMM webinars (To be confirmed)
11.35-11.55 “Hackathon Blue Future”	Interactive Session 2: ‘Blue Future Hackathon’. Co-creation of innovative ideas on how to integrate BlueMissionMed tools and resources into participants' current practices and co-create new solutions to identified or mentioned emerging needs. Participatory activity tool: MIRO / B2Match. • Speaker & moderator: Mari Carmen García, IEO-CSIC. • Speaker Methodology MIRO: Communication Member – BlueMissionMed, FVA.
11.55 – 12.00 Closing.	Conclusions. Closing remarks: Promotion of the BlueMissionMed Community and facilitation of networking opportunities through B2Match.

