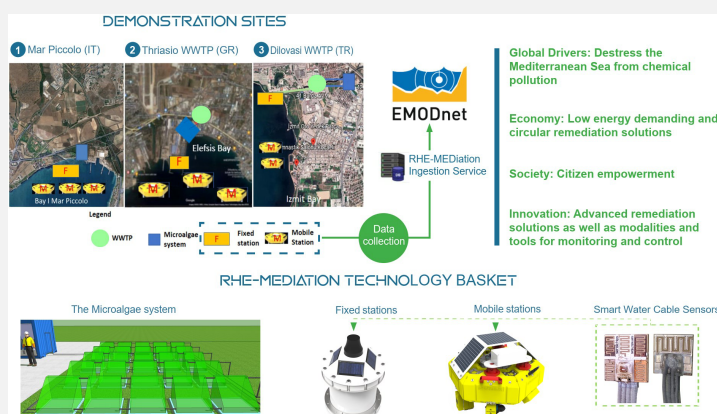


Responsive hub for long term governance to destress the Mediterranean Sea from chemical pollution

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Newsletter RHE-MEDIation project

WHAT IS RHE-MEDIATION ABOUT?



RHE-MEDIation is a **Mediterranean lighthouse project** under the **EU Mission Restore Our Oceans and Waters**. It aims to establish a responsive hub that deploys long-term governance centered on the mission to de-stress the Mediterranean Sea from chemical pollution. This includes addressing peak concentrations in known hotspots by providing advanced, low-energy-demanding, natural-based remediation solutions along with mobile and fixed sensing systems capable of detecting, measuring, and transmitting data on chemical pollution, thereby enabling citizen empowerment in the process. Involving eleven partners from five countries, the project will be demonstrated in three countries and replicated in five others.

SECOND GENERAL ASSEMBLY IN TARANTO: EVALUATING PROGRESS AND PLANNING AHEAD



On **June 25th and 26th 2024**, the consortium convened in Taranto for the second General Assembly. This event served as a crucial milestone, offering a platform to assess the outcomes achieved thus far. Attendees engaged in comprehensive discussions to evaluate the efficacy of implemented strategies and initiatives, reflecting on challenges encountered and lessons learned along the journey. Moreover, the General Assembly facilitated proactive planning for the forthcoming phases of the project. Participants collaboratively charted a course for future endeavors, strategically aligning objectives with evolving priorities and emerging opportunities.

RHE-MEDIATION PROJECT PRESENTS INNOVATIVE MICRO-ALGAE SOLUTION FOR POLLUTION REMEDIATION AT ANNUAL FORUM



The RHE-MEDIation project garnered attention at the Annual Forum of the Mission "Restore our Ocean and Waters", showcasing the innovative **GREEN DUNE®** micro-algae photobioreactor on March 5, 2024 in Bruxelles. This project stands as a pioneer in testing and validating an inventive chemical pollution remediation technology centered on micro-algae solutions. By harnessing cutting-edge systems integrated into existing water and wastewater treatment infrastructure, especially through photobioreactors, the project aims to substantially improve the removal of heavy metals, pesticides, PFAS, and other persistent organic pollutants.

RHE-MEDIATION SHINES AT EUROMARINE NETWORK OPEN SCIENCE DAY 2024



During Session 4, "**EU Mission Ocean & Waters projects**," at **EuroMarine Network OPEN SCIENCE DAY 2024** in Bologna on February 14th, 2024, the RHE-MEDIation project took the spotlight. The event highlighted urgent calls for impactful research in light of alarming findings on Earth system regulation and resilience. The focus on the Ocean as a vital biosphere regulator underscores the need for collaborative efforts in addressing global challenges. RHE-MEDIation's presence underscores its dedication to innovative solutions in this critical arena.

RHE-MEDIATION PROJECT UNITES ITALY, GREECE, AND TURKEY IN ENVIRONMENTAL COLLABORATION



The RHE-MEDIATION project conducted **stakeholder workshops across Greece, Turkey and Italy**, on October 2, 4 and 11, 2023 respectively, spotlighting innovative solutions to water pollution. These workshops engaged participants in discussions about the project's objectives and showcased demo sites in each country. Italy's site, located in the "**Mar Piccolo**" coastal basin, focuses on treating water from Citrello canal contributing to Mar Piccolo. Greece's demonstration at the **Thriasio Wastewater Treatment Plant** near Athens targets industrial and municipal waste. Meanwhile, Turkey's site, the **Dilovasi Municipal Advanced Biological Wastewater Treatment Plant**, tackles pollution in Izmit Bay. Stakeholders from government, industry, academics and local communities actively participated in shaping the project's direction. You may find the Key take away of the workshop [HERE](#).

FIRST GENERAL ASSEMBLY IN FARO SPURS WATER INNOVATION



The RHE-MEDIation project's inaugural **General Assembly in Faro, Portugal** concluded successfully after two days of intensive engagement on December 19-20, 2023. The assembly highlighted project advancements aligned with the development plan. Key discussions included risk assessment and mitigation strategies for future activities, paving the way for actionable implementation plans. A training session on Internal Financial Checks, scheduled by RINA Consulting, was also featured, aimed at aligning actual and planned efforts for the upcoming Periodic Report to the European Commission.