



SUPPORT TO MARINE LITTER MONITORING AND MANAGEMENT IN MOROCCO

(activity no. WES N-E-MO-2)

**WES NATIONAL ACTIVITY CO-ORGANISED WITH THE MINISTRY OF
ENERGY TRANSITION AND SUSTAINABLE DEVELOPMENT OF MOROCCO**

Training on marine litter monitoring

25-26 April 2023

HOTEL CHAMS, TETOUAN, MOROCCO

GENERAL BACKGROUND:

The EU funded "Water and Environment Support (WES) in the ENI Neighbourhood South Region" project is a regional technical support project. WES aims to protect the natural resources in the Mediterranean context and to improve the management of scarce water resources. WES mainly aims to solve the problems linked to environmental pollution and the unsustainable use of water.

Since March 2021 WES has been providing technical assistance to the Ministry of Energy Transition and Sustainable Development (MTEDD) of Morocco in the implementation of the obligations and measures relevant to the Regional Plan for Marine Litter Management in the Mediterranean and the Integrated Monitoring and Assessment Programme of the Barcelona Convention. WES support focuses on generating fit-for-purpose data on the amounts, types, composition and sources of marine litter on the sea surface and the seafloor (this data will be used to fill the data gap in relation to the indicators linked to the marine environment, identified by the diagnosis established within the framework of the LISP project, especially for floating litter and litter on the seafloor); on identifying management measures to tackle the identified sources and types of marine litter; on proposing a plan with priority measures for reducing marine litter.

This activity is implemented with the support and services of MIO-ECSDE and LDK Consultants.

OBJECTIVE OF THE TRAINING:

The objective of the training is to enhance the capacities of the invited stakeholders on how to deploy state-of-the-art methods to monitor macrolitter and microlitter on the sea surface





and macrolitter on the seafloor. In addition, they will be trained on how to transform marine litter related observations to fit-for-purpose data.

The first day of the training will be theoretical in an interactive manner, while the second day will include a survey in the field.

INSTRUCTIONS FOR THE FIELDWORK

Clothing: Wear long-sleeved shirts and pants made of durable, breathable materials such as cotton or synthetic fabrics. Avoid loose clothing that can get caught on equipment. Depending on the temperature and weather conditions, wear layers of clothing that can be added or removed as needed.

Footwear: Wear sturdy, closed-toe shoes.

Sun protection: Wear a hat, sunglasses, and sunscreen cream with an SPF of at least 30.

Snacks and water: Sampling in the field can be physically demanding, so it is important to bring enough snacks and water to keep yourself hydrated and energized.

INTERPRETATION

The working language of the training will be English and French with simultaneous interpretation.





SUPPORT TO MARINE LITTER MONITORING AND MANAGEMENT IN MOROCCO (WES N-E-MO-2)

Training on marine litter monitoring 25-26 April 2023

AGENDA (DRAFT)

DAY 1: 25 APRIL 2023 | THEORETICAL SESSIONS

09:00-09:30	Registration
09:30-10:30	Welcome, opening remarks, getting to know each other
09:30-10:00	Welcome and Opening Remarks <ul style="list-style-type: none"> - Representative from the Ministry of Energy Transition and Sustainable Development in Rabat - Dr. Thomais Vlachogianni, WES Senior Marine Litter Expert - Mr. Driss Nachite, WES National Marine Litter Expert
10:00-10:15	Tour de table
10:15-10:30	Ice-breaker
10:30-11:15	Session 1
10:30-11:00	Brief overview of the WES project and introduction to the activity <ul style="list-style-type: none"> - Dr. Thomais Vlachogianni, WES Senior Marine Litter Expert - Mr. Driss Nachite, WES National Marine Litter Expert
11:00-11:15	Intro Quiz and Q&A
11:15-11:45	Coffee break
11:45-13:00	Session 2
11:45-12:15	Marine litter in the Mediterranean: an overview of research and policy advances <ul style="list-style-type: none"> - Dr. Thomais Vlachogianni, WES Senior Marine Litter Expert
12:15-12:30	Marine litter policy and research advances in Morocco <ul style="list-style-type: none"> - Representative from the Laboratory of Studies and Monitoring Pollution, in Rabat
12:30-13:00	Q&A
13:00-14:00	Lunch break





14:00-15:30	Session 3
14:00-14:40	Introduction to marine litter monitoring & overview of the state-of-the-art methods <i>Dr. Thomais Vlachogianni, WES Senior Marine Litter Expert</i>
	Q&A
14:40-15:15	Monitoring macrolitter on the sea surface and on the seafloor: experimental design and survey protocols <i>Dr. Thomais Vlachogianni, WES Senior Marine Litter Expert</i>
	Q&A
15:15-15:30	Coffee break
15:30-16:30	Session 4
15:30-16:00	Monitoring microlitter on the sea surface with manta trawling: experimental design and survey protocol - <i>Dr. Thomais Vlachogianni, WES Senior Marine Litter Expert</i>
	Q&A
16:00-16:30	Introduction to next day's field work and wrap up of the day
16:30	Closing

DAY 2: 26 APRIL 2023 | HANDS-ON SESSIONS

08:30	Departure from the hotel to Mdiq
09:00-12:30	Field sessions & field work
09:00-09:15	Brief introduction to the fieldwork - <i>Dr. Thomais Vlachogianni, WES Senior Marine Litter Expert</i>
09:15-12:30	Monitoring marine macrolitter on the seafloor with scuba diving - <i>Group work to characterize and classify the sea floor litter items collected</i>
12:30-13:00	Return to the hotel
13:00-14:00	Lunch break
14:00-16:30	Sessions at the hotel
14:00-14:30	Discussion of the fieldwork: findings and takeaways - <i>Dr. Thomais Vlachogianni, WES Senior Marine Litter Expert</i> - <i>Mr. Driss Nachite, WES National Marine Litter Expert</i>
14:30-15:15	Transforming marine litter related observations to fit-for-purpose data: challenges, uncertainties, conclusions & lessons learned - <i>Dr. Thomais Vlachogianni, WES Marine Litter Expert</i>
15:15-15:30	Coffee break
15:30-16:30	Wrap-up, closing quiz, evaluation and certificates
16:30	Closing

