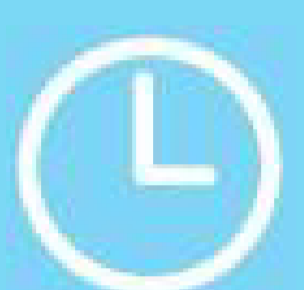


NET4mPLASTIC

New Technologies for macro and
Microplastic Detection and
Analysis in the Adriatic Basin

New technologies against plastic marine pollution



PROJECT DURATION
01/01/2019 -30/06/2021



ERDF
2.106.844,00 €



TOTAL BUDGET
2.478.640,00 €

DESCRIPTION

The project will improve the use of **innovative technologies** and approaches against plastic marine litter. Micro and macro plastics data will be collected along **coastal and marine areas** of Croatia and Italy. **Alert systems** and **marine drones** will be developed together with **recycling systems**. Potential effects on **human health** will also be investigated.

RESULTS

The project results will be:

- analysis of the **state of the art** on environmental and climatological data;
- characterization of issues related to **waste management**;
- characterization of the Micro and Macro Plastic (MP) **sources**;
- analysis of MP **occurrence** in **water, sediment** and in **shellfish**;
- definition of **best practices** for assessment and management of MP;
- development of a sensor platform to be installed on boats or **marine drones**;
- potential scenarios forecasting of **MP accumulation areas** after storms or river overflows;
- Early Warning System** and GIS database for MP forecasted accumulation areas;
- analytical tests for human **health risk assessment**;
- recycling** methodologies.

PROJECT PARTNERS



Università
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