

Riverine Litter Observation Network

The RIMMEL approach

Quantification of floating macro litter loads through rivers to marine waters by visual observation:

- Setting up a Riverine Litter Observation Network for monitoring of floating macro litter across Europe and beyond

Data will be used to:

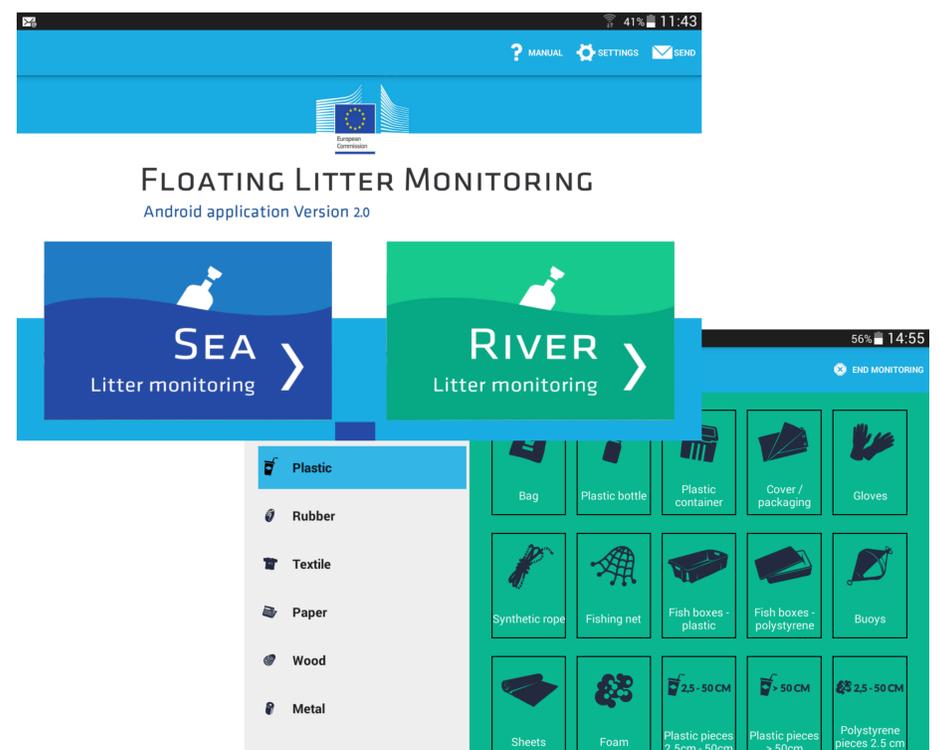
Build a statistical inverse model of litter loading to the sea based on the characteristic of river catchments

Visual Observation as a simple method to monitor fluxes of floating litter from rivers to the sea

The approach:

- Visual observations of floating macro litter (>2.5 cm) on river water surface
- Monitoring at river/sea boundary from an elevated position (e.g. bridges, quays, etc.)
- Harmonized approach using the JRC Litter Monitoring Application
- No mandatory monitoring frequency
- Short surveys (minimum 1/2 an hour)
- Starting summer 2016, finishing autumn 2017

Tablet computer Application for Visual Observation of Floating Macro Litter



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We invite you to join our international observation monitoring network. Please, contact us to receive further information:

rimmel@jrc.ec.europa.eu

RIMMEL (Riverine and Marine floating macro litter Monitoring and Modelling of Environmental Loading).

A JRC Exploratory Research Project bringing the first-ever international-scale attempt for quantification of loads of floating litter to the European seas and beyond.

<https://ec.europa.eu/jrc>

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