



EUROPEAN UNION



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EUROPEAN UNION

EU  
MISSIONS  
RESTORE OUR OCEAN & WATERS



MAELSTROM

Smart technology for MARine Litter SusTainable RemOval and Management



PREVENT AND ELIMINATE  
POLLUTION OF OUR OCEANS,  
SEAS AND WATERS



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Scientific Coordinator





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Sustainability  
Leadership  
Recognition  
in Robotics 2024

- ✓ More than 4 tons of marine and riverine litter collected
- ✓ The integrated environmental assessment shows that the technologies do not negatively affect the habitats
  - ✓ After the removal of marine litter the environmental conditions generally improved!





# Why a Legacy Document?

### COMMUNITY ENGAGEMENT

- 23 Cleanups in 3 Countries
- 800 People Engaged in Cleanups
- 2 Tons of Removed Marine Litter
- 500 School Students Engaged



### CLUSTERING & STAKEHOLDER ENGAGEMENT

- 2 UNEP International Negotiating Committees
- 73 Conferences
- 30 International Network Partners
- 5 International Side Events
- 4 Demonstration Workshops
- 4 International Stakeholder Engagement Workshops
- 7 Thematic Webinars



### PROJECT OUTCOMES

- 14 Partners
- 8 EU Countries
- 6 Millions € Funding
- 4 Years
- 2 International Awards
- 2 Marine Litter Removal Technologies
- 1 AI-Sorting Robot
- 1 Marine Litter Tracking App
- 3 Recycled Whales



### OUTREACH

- 78 News Articles
- 1125 Social media posts
- 5 European TV Channels
- 6 Videos
- 1 Website
- 8 Newsletters
- 24 MaelDrops
- 11 Flash Interviews
- 2 Trilingual Booklets
- 10 Press Releases



### SCIENCE POLICY

- 1 Marine Litter International Working Group
- 2 Policy Recommendations
- 1 Legacy Document
- 7 Scientific Articles (and counting)
- 10 MA Thesis
- 2 PhD




After four years of intense collaboration, many successes, and just as many challenges, we wanted our experience to be preserved and passed to other actors addressing the marine litter issue...



MAELSTROM Legacy Document. Zenodo.  
<https://doi.org/10.5281/zenodo.14679311>

