



**LEGAMBIENTE**

# **Marine litter-related activities and projects, in the mediterranean sea**



# Legambiente and the *Marine Strategy*

**Legambiente** is the largest environmental NGO in Italy. It was founded in 1980.

**Goletta Verde** is its main campaign of analysis and information about sea pollution. It is also the largest of such marine-related campaigns in Italy.

Every summer, since 1986, we've sailed along Italian coasts and in other mediterranean seas,, monitoring land-based pollution like sewage waters or litter.



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### **BEACH LITTER SURVEY**

250 monitored  
beaches (Italy and  
other Med  
countries) 400  
clean-ups every  
year



### **MARINE LITTER SURVEY**

285 hours of  
floating debris  
monitoring  
(3.550 km)  
Pellets survey  
Characterisation  
Microplastic survey

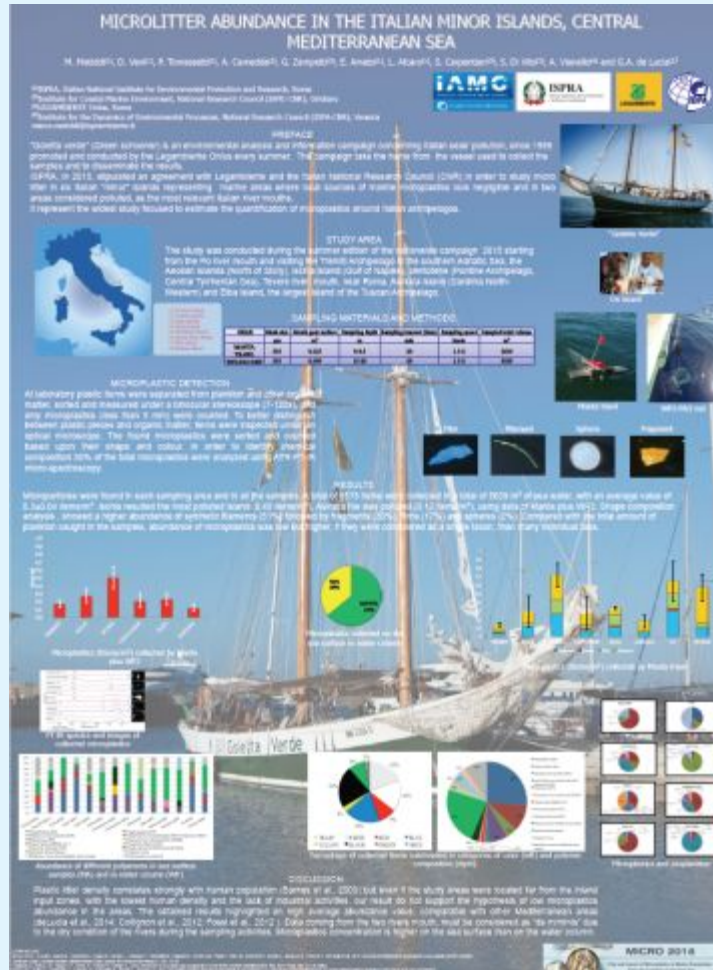


### **LAKE LITTER SURVEY**

11 monitored lakes  
99 microplastic  
transects  
40 nanoplastics  
and 60 fish  
stomach contents  
analysis



in conjunction with ISPRA NAT-BIO



Microplastic particles were found in each sampling area and in all the samples.

**We found high values of plastic litter density even in the areas located far from the inland input zones**, with the lowest human density and the lack of industrial activities as islands are.



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# floating micro litter in italian lakes



even freshwaters are not immune to this problem

The influence of the wastewater treatment plants on the increasing of the presence of microplastics is undeniable.

Microplastic pollution should be considered as indicator in the establishing of the **Good Status Quality** of the freshwater (European Directive 2000/60)



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# Legambiente and the citizen science



Our international campaign ***Clean Up the Med*** involve thousands of volunteers from several Med Countries in **cleaning** and **monitoring beach litter**.

In 2018 litter was monitored in **80 Italian beaches** and in **135 med ones** by the same scientific protocol



*“ [...] The most significant of these initiatives at the regional level are the following:  
[...] - the Italian environmental organization Legambiente coordinates every spring-summer beach clean ups in the Mediterranean. ”*

*(UNEP, 2015)*



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# Debate and policy making

Legambiente and KyotoClub, in cooperation with MEP Simona Bonafè (*rapporteur* on the Circular Economy package), organized a meeting dedicated to marine litter in the European Parliament on February 2017.

The workshop brought together institutions and stakeholders to discuss policies on this topic.



**Tackling marine litter  
in the Mediterranean**  
from research to action



**LEGAMBIENTE** **Kyoto Club**

**Wednesday February, 1 2017 | 4:30 – 6:30 pm**  
European Parliament, Brussels | PHS [Paul Henri Spaak Building] | room Q1 C047

**PROGRAM**

**Coordinator:**  
**Francesco Ferrante**  
Kyoto Club vicepresident

**Introduction:**  
**Simona Bonafè**  
MEP - ENVI Committee, Rapporteur on the Circular Economy package

**Stefano Ciafani**  
Legambiente's general manager

**Technical reports:**  
**Giorgio Zampetti**  
Legambiente's scientific manager

**Loris Pietrelli**  
Ensa

**Nicolas Kalogerakis**  
Technical University of Crete

**Prevention measures & solutions:**  
**Marco Affronte**  
MEP - Fisheries Committee

**Matjaz Malgaj**  
Head of Unit of Marine Environment and Water Industry

**Francesco Degli Innocenti**  
Environmental Affair Novamont

**Michel Loubry**  
Regional Director, West Region, PlasticsEurope

**Gabriele Haut \***  
EU Affairs Officer of Surfrider Foundation Europe and Seas at Risk's member

\*waiting for confirmation

**LATINA TODAY**

REGISTRATION: Stefania Di Iorio (s.diiorio@legambiente.it), 0229 06 80200000  
REGISTRATION: 24/25 January, first name, date of birth, nationality, type of ID card, ID number | 0229060000 January 25th 2017



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# Actions and policies



We participated to the **UN Ocean Conference of June 2017** in NYC to speak about Mediterranean sea and our experience on marine litter, in General assembly and in side event organized by our Ngo.



## A MULTI-STAKEHOLDERS GOVERNANCE FOR TACKLING MARINE LITTER *in the Mediterranean sea* SIDE EVENT UN OCEAN CONFERENCE

### PROVISIONAL SPEECHES

**STEFANO CIAFANI** - Legambiente, executive director  
**SIMONA BONAFÉ** - MEP - ENVI Committee, Rapporteur on the Circular Economy package  
**FRANCESCO DEGLI INNOCENTI** - European Bioplastics  
**MARIA CRISTINA FOSSI** - UN Sustainable Development Solutions Network (SDSN-Mediterranean)  
**MIGUEL GARCIA HERRAIZ** - UIM Secretariat (IbC)\*  
**GAETANO LEONE** - coordinator UN Environment/IMAP and Barcelona Convention Secretary  
**ANA TEJEDOR ARCEREDILLO** - European Environment Agency  
**SILVIA VELO** - Under-Secretary of State of the Ministry for the Environment, Land and Sea  
CO-CHAIR: **SERENA CARPENTIERI, GIORGIO ZAMPETTI** Legambiente

\*through video

**THURSDAY, 8 JUNE 2017 11:00 AM - 12:30 PM**  
**CONFERENCE ROOM 8, UNHQ - UNITED NATIONS - NEW YORK**

CO-ORGANIZERS: UN Environment/IMAP-Barcelona Convention Secretariat, Italian Ministry of Environment, UN Sustainable Development Solutions Network (SDSN-Mediterranean), European Environment Agency, Union for the Mediterranean Secretariat (UIMS), European Bioplastics, Environmental Alliance for the Mediterranean, KyotoClub



LEAD ORGANIZER





marine litter- related  
Italian legislation in place  
*(with a little help from us...)*



# BANS: cotton buds, from 2019

## #NORIFIUTINELWC



### TUTTI GLI SCARICHI PORTANO AL MARE



Cotton fioc

91%



Blister

3%



Tamponi e assorbenti

2%



Medicazioni

2%



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# BANS: single use plastic

## TI SEMBRA ESAGERATO?



Piatti, bicchieri, bottiglie e buste di plastica sono piccoli oggetti, eppure il loro impatto sull'ambiente è enorme. Li utilizzi solo pochi minuti ma, se non li smaltisci bene, le loro microplastiche inquinano per sempre.

**Rendi il tuo impatto meno esagerato.**  
**Scopri come su [usaegettanograzie.it](https://usaegettanograzie.it)**



**#** / **USA  
EGETTA  
NOGRAZIE**

In summer 2018  
tens of Italian  
**municipalities**  
banned single-use  
plastic as plates,  
cups and utensils,  
following the  
example of Tremiti  
Islands off Italy's  
eastern coast

# BANS: micro beads in cosmetics, from 2020

## #FAIDAFILTRO

**Approvare subito la legge  
che vieta le microplastiche nei cosmetici**

**Non esiste al mondo tecnologia in grado di filtrare e trattenere le microplastiche che finiscono nei nostri scarichi e, quindi, in mare. Ma esiste un filtro umano e legislativo: siamo noi, firmatari di questo appello che possiamo far diventare la proposta di legge una realtà.**



GREENPEACE



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# BANS: plastic bags, since 2013



Thanks to the ban for the not compostable bags the sales of single use bags are down to -55% in 5 years



UNITED NATIONS



REGISTRY

COMMUNITIES OF OCEAN ACTION

REGISTER COMMITMENT

SHARE UPDATE

ABOUT & RESOURCES

ACCOUNT ▼

Stop plastic bags in the  
Mediterranean Area

#OceanAction15599

by Legambiente ONLUS (Non-governmental organization (NGO))

<https://oceanconference.un.org/commitments/?id=15599>

# Legambiente's projects on marine litter





# Fishing for litter

The first Italian experience of *fishing for litter* that involves all stakeholders: from fishing to recycling. It started in 2017



# CLEAN SEA LIFE - LIFE15 GIE/IT/000999

[www.cleansealife.it](http://www.cleansealife.it)

## THE PROJECT

The overall aim of the Clean Sea LIFE project, **financed under the LIFE Programme**, is to support the application of the Marine Strategy Framework Directive (MSFD) and EU biodiversity policy relating to marine litter.



The specific objectives are:

- To **increase awareness** of marine litter, empowering citizens to become part of the solution;
- To **remove existing litter**, including lost fishing gear, and prevent further littering;
- To **promote "fishing for litter"** initiatives and to train fishing industry professionals in responsible practices
- To provide **guidelines for the management** of marine litter, increase exchange of knowledge and the uptake of best practices and assist authorities in achieving a Good Environmental Status of the sea, as required under the Marine Strategy Framework Directive.

## Fishing for litter in Manfredonia (Puglia region)





PLASTIC  
BUSTERS

#OceanAction2019



HOME ABOUT PROGRAMME PREP PROCESS SDG 14 VOLUNTARY COMMITMENTS DOCUMENTATION STAKEHOLDER ENGAGEMENT REGISTRATION EVENTS NEWS & MEDIA

## Science and awareness: a mediterranean connection against marine litter

by Università di Siena and Legambiente (IT) (Partnership)

#OceanAction20169

DESCRIPTION

SDG 14 TARGETS COVERED

DELIVERABLES

RESOURCES MOBILIZED

The main objective of this commitment is to enforce the link between scientific research and awareness activities on the topic of marine litter in the Mediterranean sea.



#OceanAction20169

No tweets yet. Be the first - Tweet  
#OceanAction20169

BASIC INFORMATION

<https://oceanconference.un.org/commitments/?id=20169>

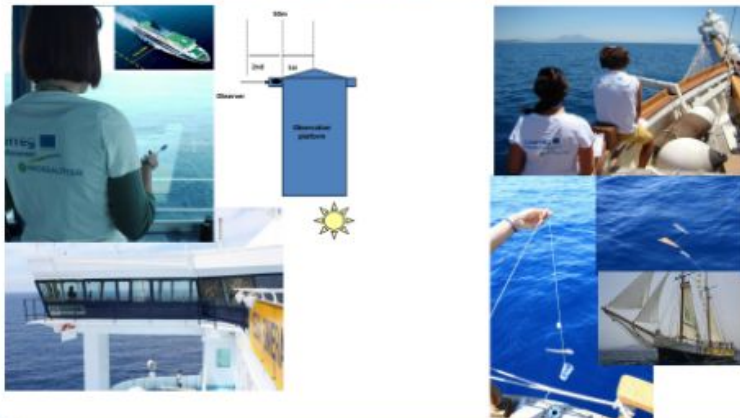


# MED-SEALITTER

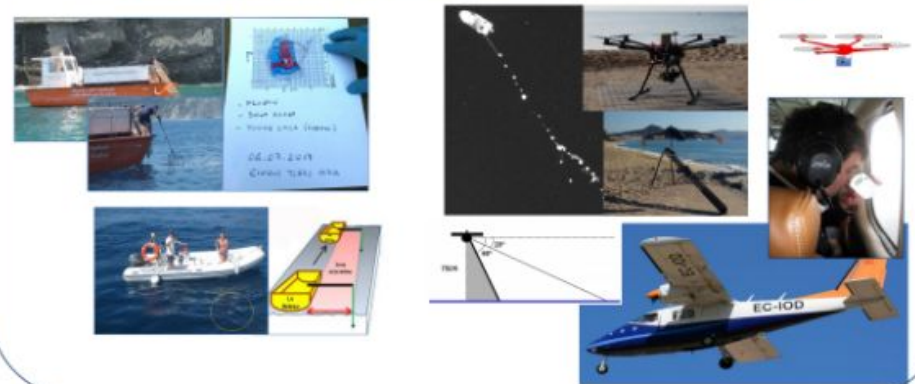
Developing Mediterranean-specific protocols to protect biodiversity from litter impact at basin and local MPAs scales

MEDSEALITTER aims at networking representative MPAs, scientific organizations and environmental NGOs for developing and testing efficient cost-effective protocols to monitor and manage litter impact on biodiversity.

I) in **pilot large scale areas**, using synoptic surveys from ferries and sailing vessel.



II) in **pilot MPAs**, using a) **visual surveys** conducted from commercial vessels, sailing vessels and aircrafts and b) **analyses of automated photographs** obtained from aircrafts and drones surveys.



# Pelagos plastic free



Integrated actions to reduce  
plastic debris in the Pelagos  
Sanctuary

18 month – from April 2018 to September 2019

**Objective 1:** Enhance the **governance** capacity of  
coastal municipalities

**Objective 2:** Increasing scientific knowledge on the  
**Plastisphere**

**Objective 3:** Increase stakeholders' **awareness**



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Mareblu



NOVAMONT



unicoop  
firenze





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# THANKS

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