



ENVIRONMENTAL REPORT

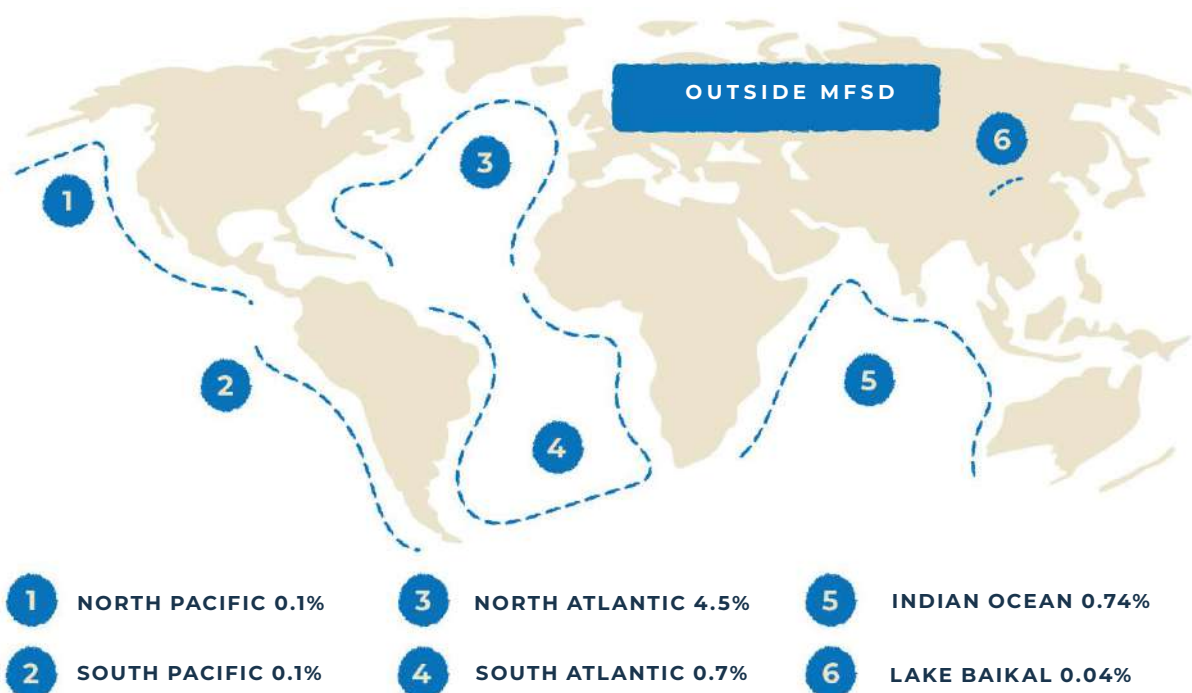
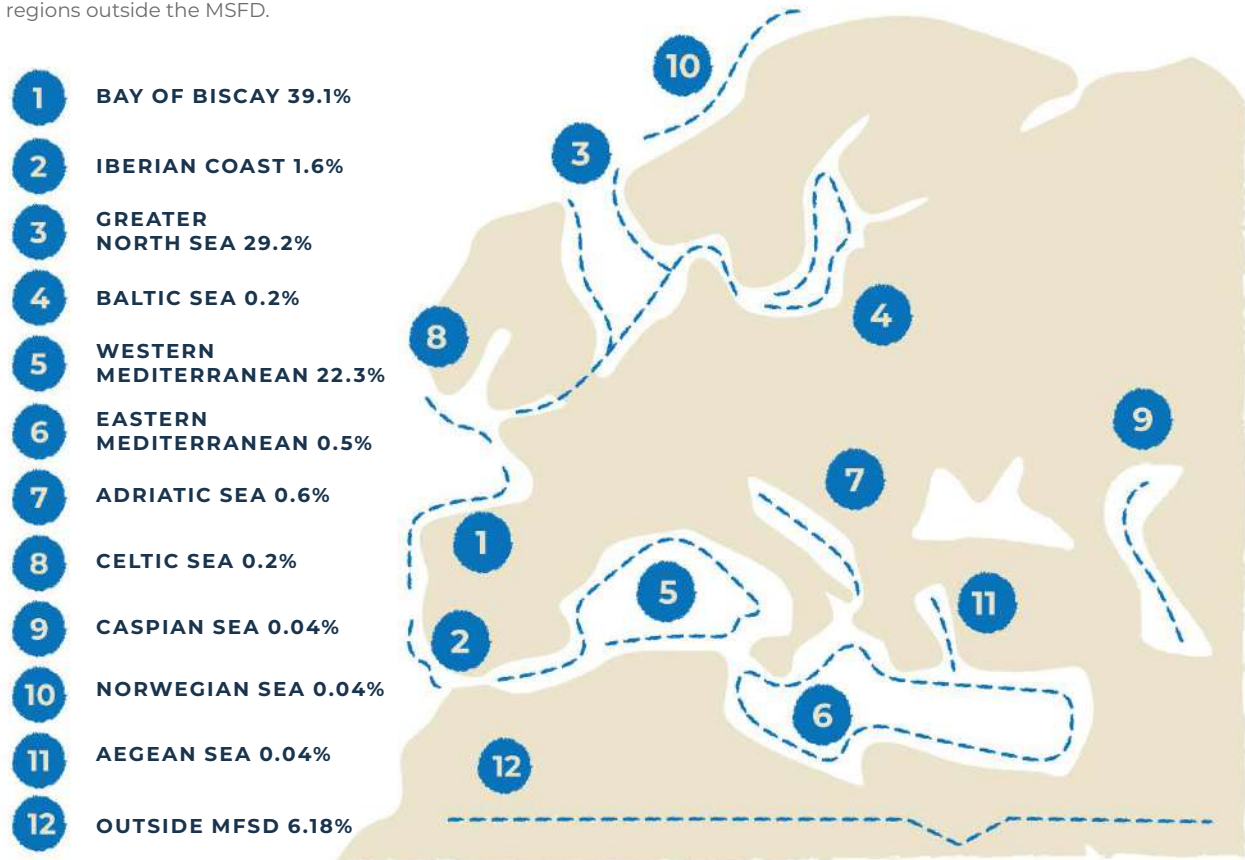
OCEAN INITIATIVES 2023



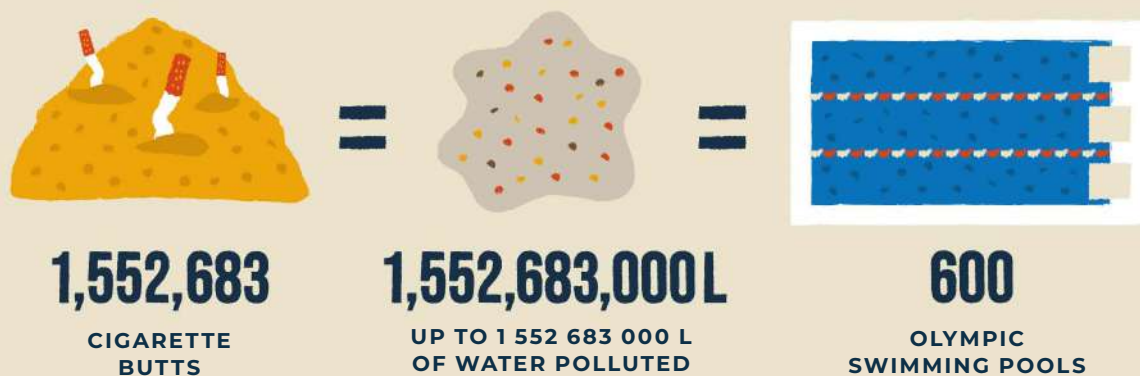
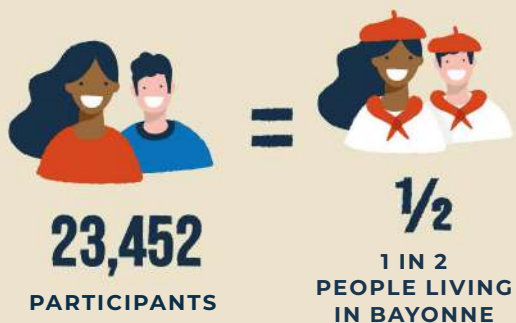
WHERE DID LITTER COLLECTIONS TAKE PLACE?

NUMBER OF COLLECTIONS: 2,461

To present the regions where collections took place the area was divided into two parts: one part focusing on, the major maritime areas in Europe as defined by the Marine Strategy Framework Directive (MSFD) and another part focusing on regions outside the MSFD.



OCEAN INITIATIVES 2023 IN FIGURES



QUANTIFICATION

For several years now, we've asked Ocean Initiatives participants to take part in a community science operation by completing a report form in order to better understand the state of European and world coastlines in relation to marine litter. To do this, participants were asked questions about their collection site and to quantify 35 types of litter categorised by material and usage. This list is based on the master list of the harmonised European protocol and on the most frequently found litter items on European beaches.



697

NUMBER OF
COLLECTIONS
WITH
QUANTIFICATION

KEY FIGURES



23,452

PARTICIPANTS

6,359

WERE SCHOOL CHILDREN



523.5 KM

DISTANCE
ANALYSED



2,140,735

NUMBER
OF LITTER ITEMS
QUANTIFIED



71%

OF LITTER
COLLECTED IS
SINGLE-USE WASTE.
SINGLE USE REFERS
TO OBJECTS INTENDED
TO BE USED ONLY
ONCE (E.G. PLASTIC
BOTTLES OR STRAWS)



22%

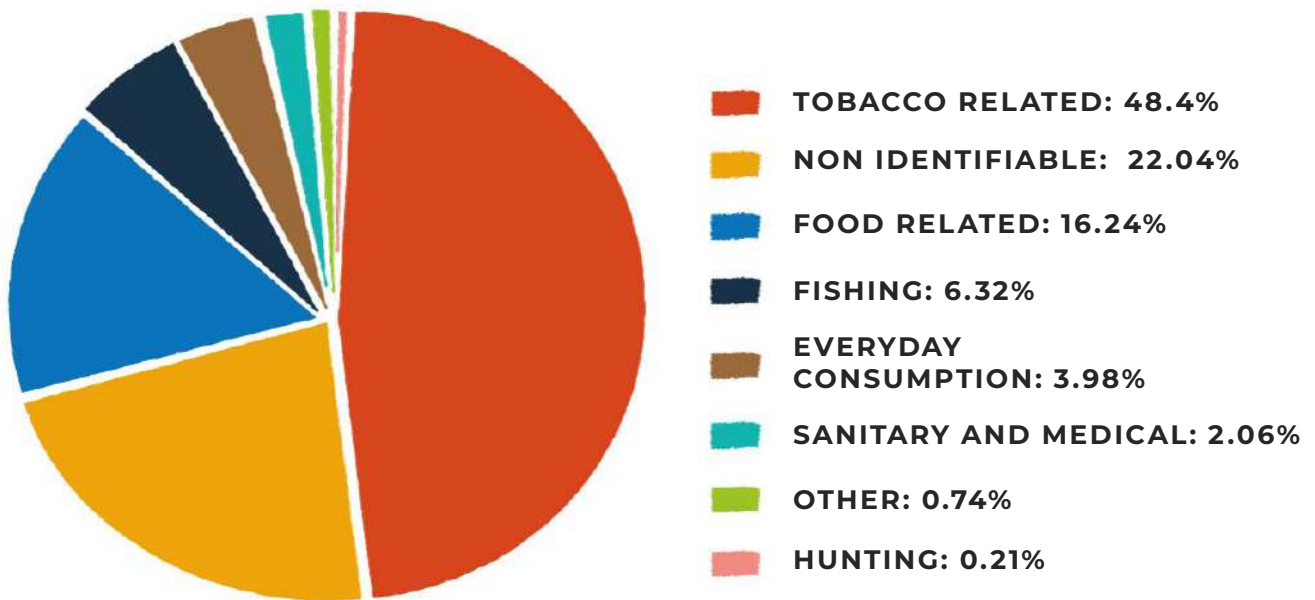
OF THE LITTER
COLLECTED IS
UNIDENTIFIABLE
WASTE OR
FRAGMENTS

TYPES OF LITTER, QUANTIFIED

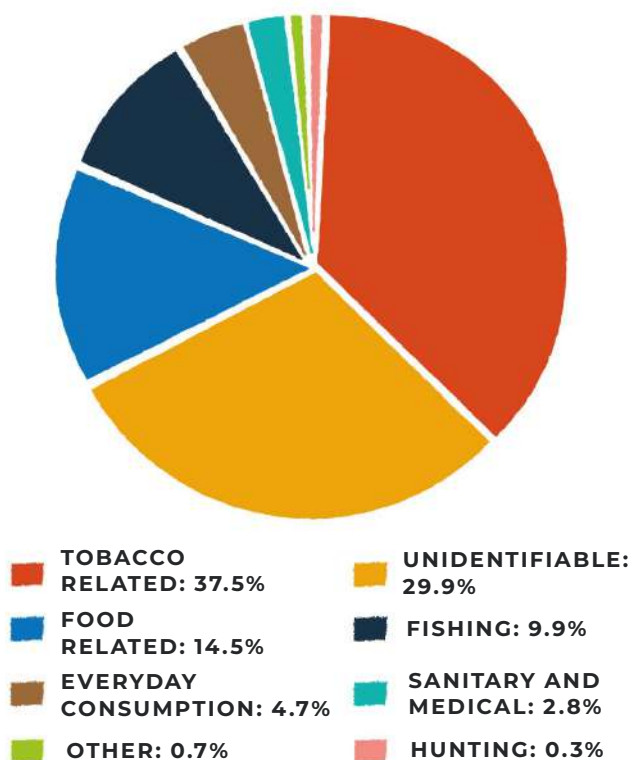


TYPES OF LITTER COLLECTED BY USE

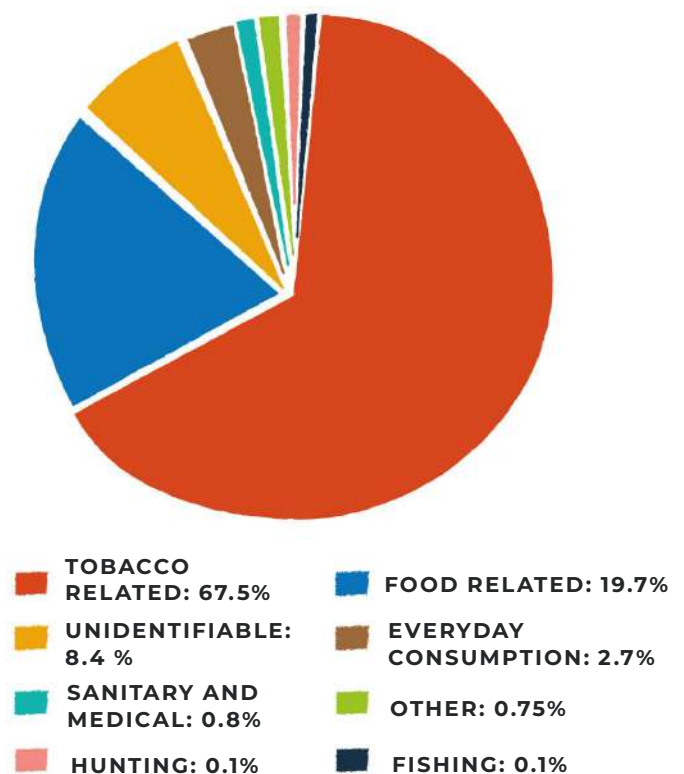
GLOBAL DISTRIBUTION



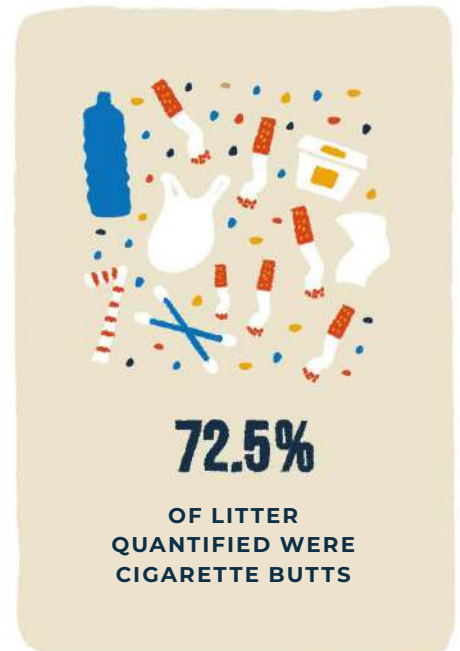
COAST



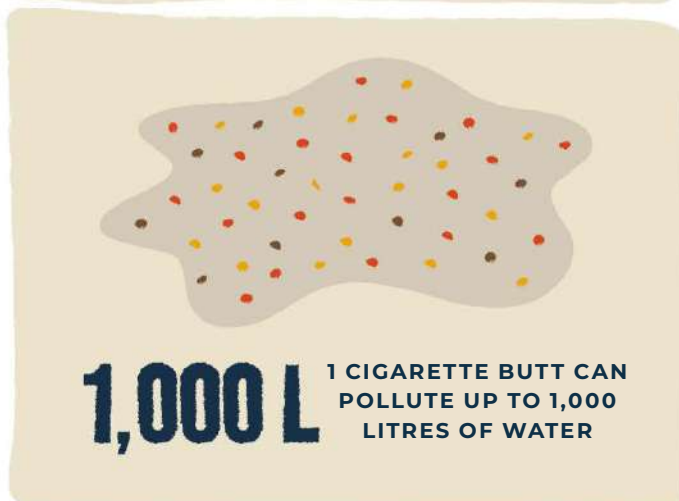
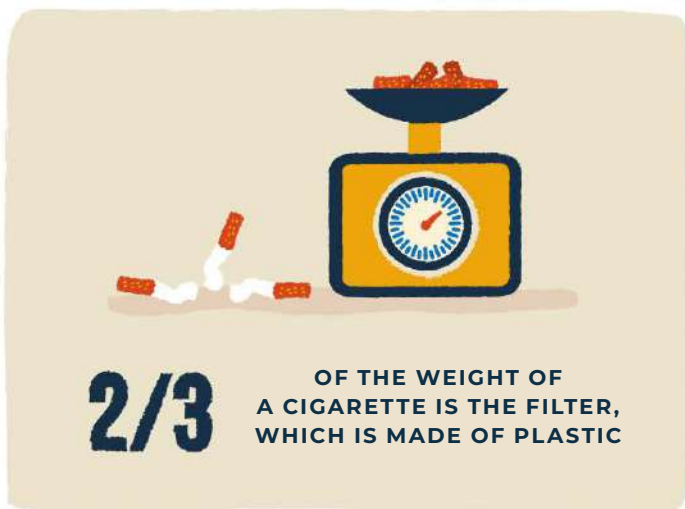
INLAND



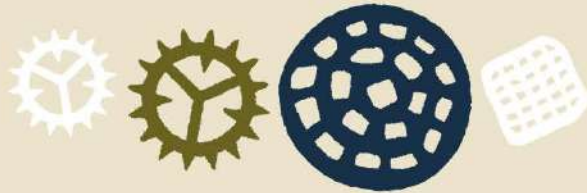
CIGARETTE BUTTS



PLASTIC AND CHEMICAL POLLUTION



BIOCARRIERS



PLASTIC OBJECTS USED
AS A SUPPORT FOR BACTERIA TO
BREAK DOWN ORGANIC MATTER

USE



**WASTEWATER
TREATMENT PLANT**
(Collective sanitation)



**INDUSTRIAL
WATER TREATMENT**
(Fish farming, food production,
paper/cardboard production and
transformation, pharmaceuticals and
hospitals, production of phytosanitary
products, hydrocarbon extraction
and processing)

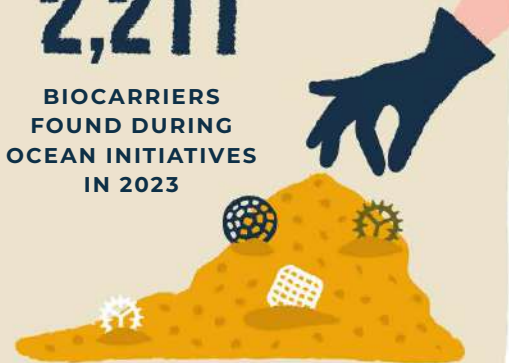


POLLUTION

DURING FLOODS, INTENSE
STORMS, PEAK TOURIST
PERIODS GENERATING
LARGE FLOWS OF WATER
OR WHEN INFRASTRUCTURE
MALFUNCTIONS, BIOCARRIERS
CAN END UP BEING
DISCHARGED INTO
THE ENVIRONMENT

2,211

BIOCARRIERS
FOUND DURING
OCEAN INITIATIVES
IN 2023



3 POLLUTIONS IN 2023

NYKOPING
(SOUTH STOCKHOLM)

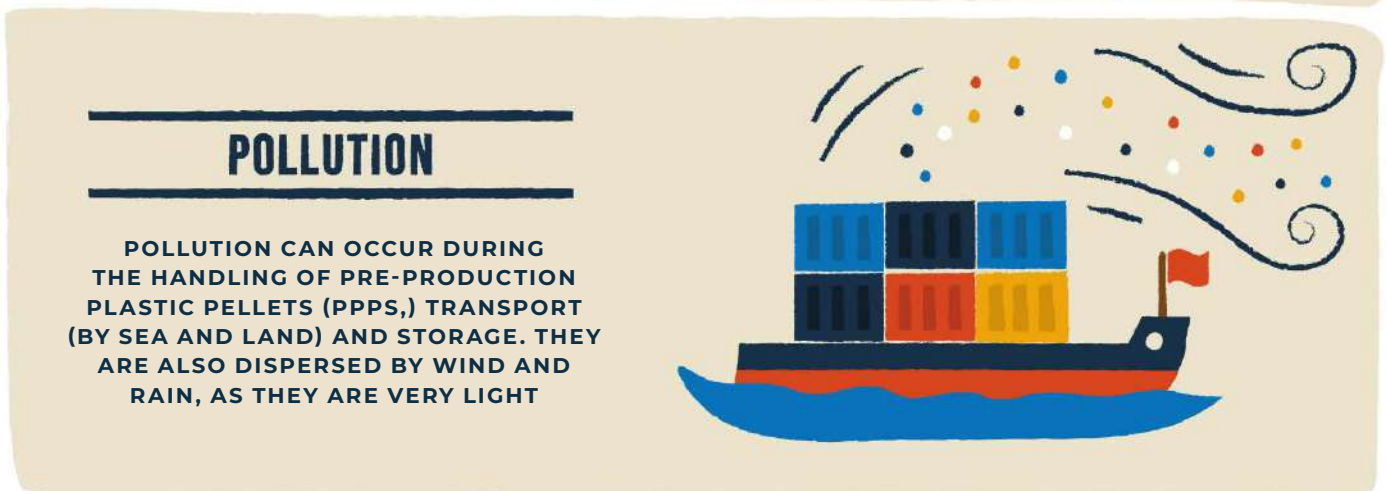
SAINT-NAZAIRE
(FRANCE)

BEAUFORT
SUR GERVANNE
(FRANCE)



MORE INFORMATION ABOUT BIOCARRIERS

PELLETS



MORE INFORMATION ABOUT PELLETS



*A big thank you to everyone involved,
without your participation none of this would be possible.*