

PROTECTING OUR OCEANS FROM PLASTIC POLLUTION

Concrete solutions
on land and at sea





FIGHTING

FOR A POLLUTION-FREE OCEAN

It's also about defending
an ecosystem
devastated by human action
and essential for our survival.

It is a promise
we make to our future.



**IT IS URGENT
TO TAKE ACTION NOW.**



YVAN BOURGNON

Renowned French-Swiss skipper Yvan Bourgnon holds a number of sailing world records and has faced extreme challenges, earning him the nickname “Gladiator of the Seas”.

Sailor, adventurer, environmentalist, he has been traveling the oceans since the age of 8 and has witnessed their deterioration first-hand.

In 2016, determined to do something about it after his last solo trip around the world, he created The SeaCleaners, a general interest association under French law 1901.

**9 to 14
million
metric tons**

of plastic waste dumped
in the oceans every year.

**17 metric
tons**

dumped every minute.

3,800

marine species
Impacted.

1.5 million

marine animals
killed each year.

**If we don't act now,
by 2050 our oceans will contain
as much plastic as they do fish*.**

*Source: Ellen MacArthur Foundation





THE SEACLEANERS

takes concrete action to prevent and mitigate plastic pollution.

AT SEA

We collect floating plastic waste in high concentration areas before it sinks or breaks down into microplastics.

We contribute to scientific knowledge through research and open data sharing.

ON LAND

We alleviate the problem at its source through education and public awareness initiatives. We carry out waste collection operations with our teams of volunteers.

We support the transition to a circular economy by developing and demonstrating innovative and ecofriendly technological solutions.

THE MANTA

An environmentally friendly high-tech ship.

The first boat-cum-waste plant with four complementary missions. A comprehensive response to plastic pollution.



A SOLUTION FOR COLLECTING WASTE and converting it into resources.

Four collection methods and an on-board plant with pyrolysis to sort, process, repurpose and manage 100% of waste collected.



A SCIENTIFIC LABORATORY to advance global research.

50 sq.m of state-of-the-art scientific facilities to geo-position, quantify and record details of plastic pollution. Open data sharing with the scientific community.



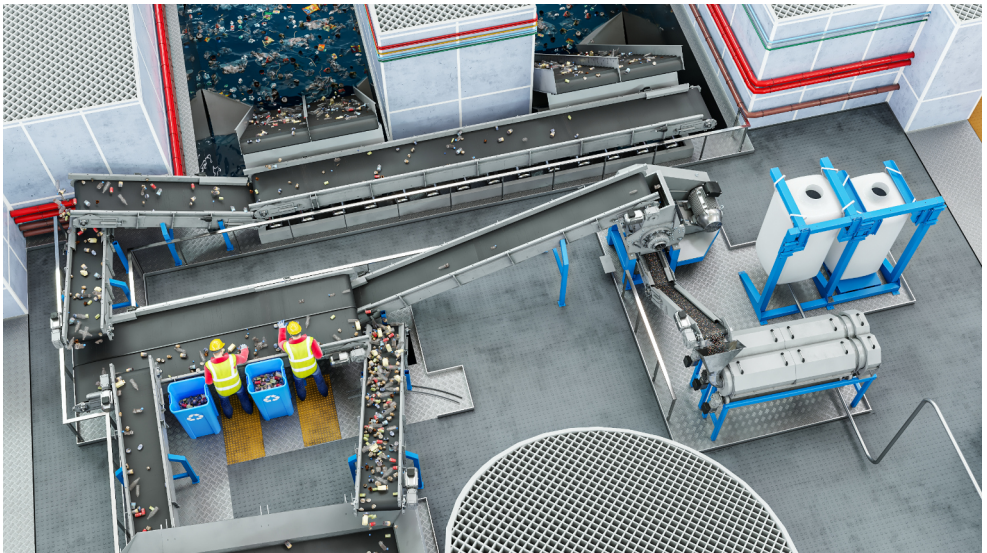
A BOAT FOR EVERYONE the cornerstone of our awareness activities.

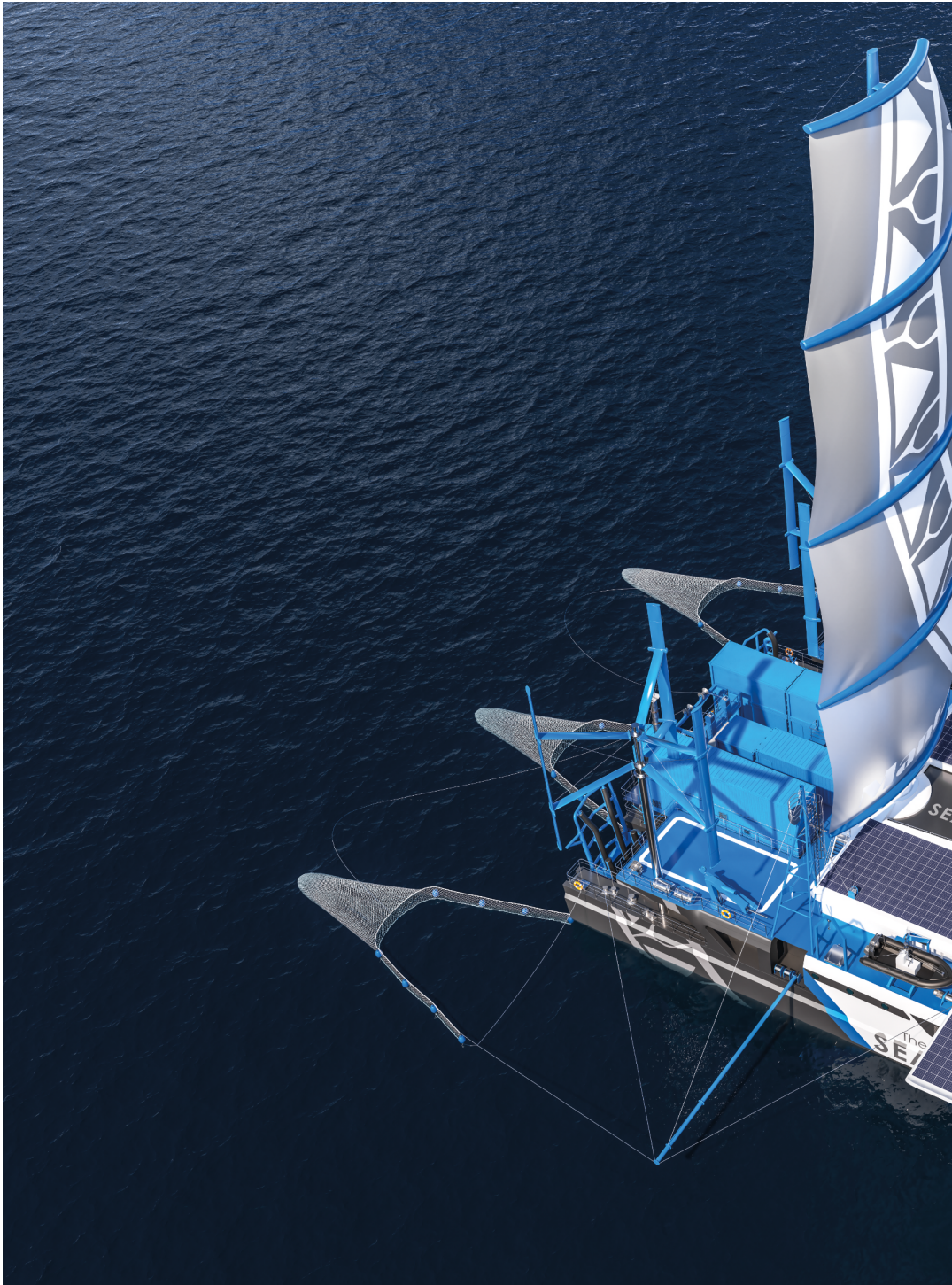
200 sq.m to host the public for awareness and prevention initiatives during stopovers.

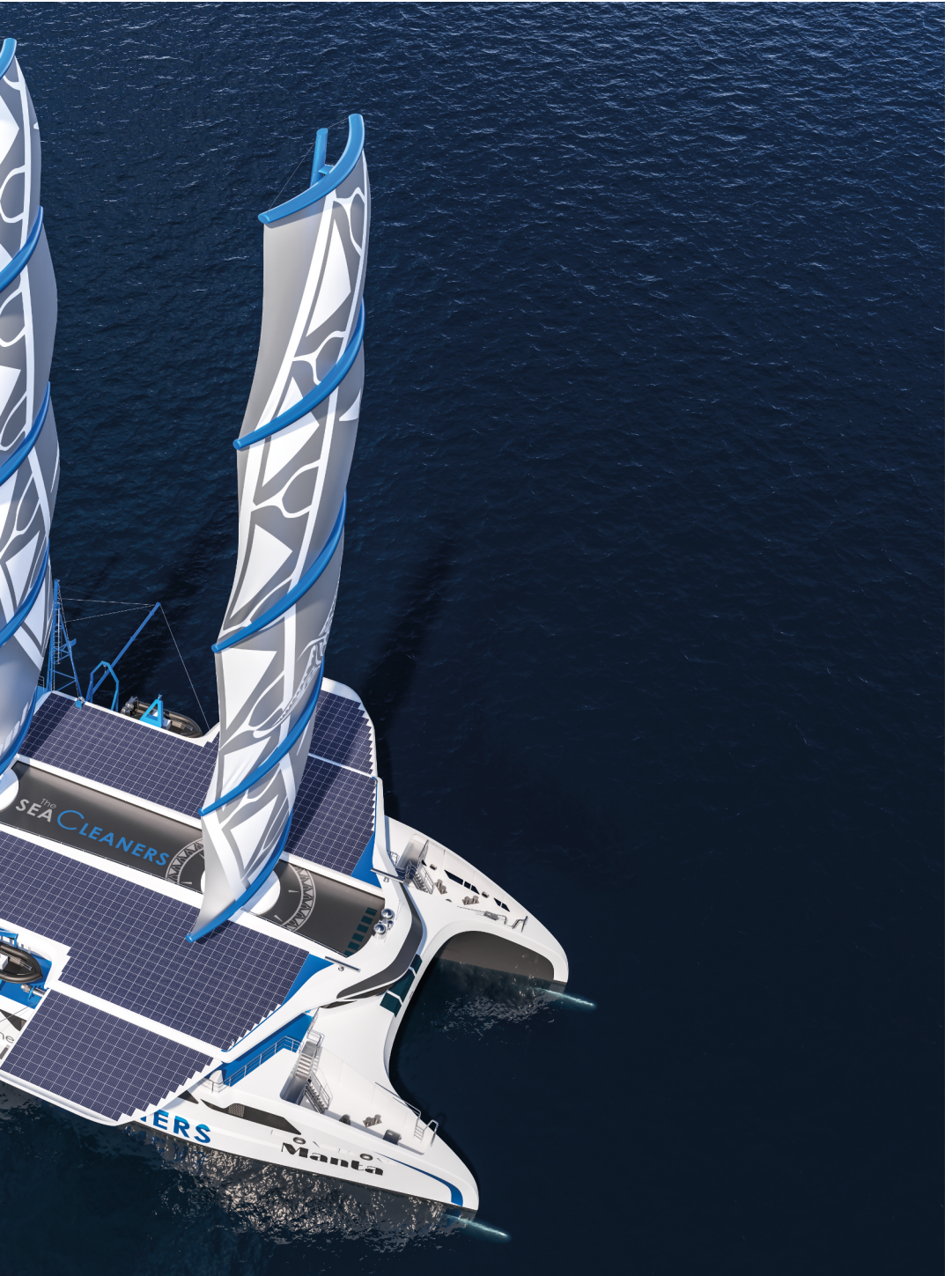


A DEMONSTRATION TOOL to accelerate the transition to a circular economy.

Showcasing innovative technological solutions for waste management, repurposing and valorization, and technologies for clean sailing for smart and green ships.







Collection goal up to 1m deep:
5,000 to 10,000 metric tons/year.
Collection of waste up to 10mm small.

LAUNCHING
IN 2025



62m high | 56.5m long | 66m span

90%

of plastic processed
on-board

75%

energy
autonomy
(on average)

32

people
on-board

A MINIMAL
ENVIRONMENTAL
FOOTPRINT

**A combination
of renewable
energy sources:**

Two wind generators

500 sq.m
of solar panels

Hydro-generators

Sailboat with
hybrid propulsion

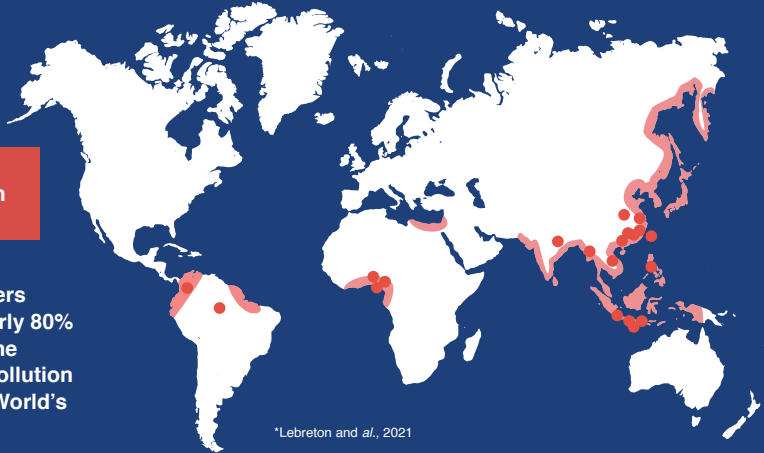
Conversion unit
that turns plastic
waste into energy
through pyrolysis

Automated rigging

Acting where it matters.

The Manta intervention zones

1000 Rivers
Emit Nearly 80%
of Riverine
Plastic Pollution
into the World's
Oceans*



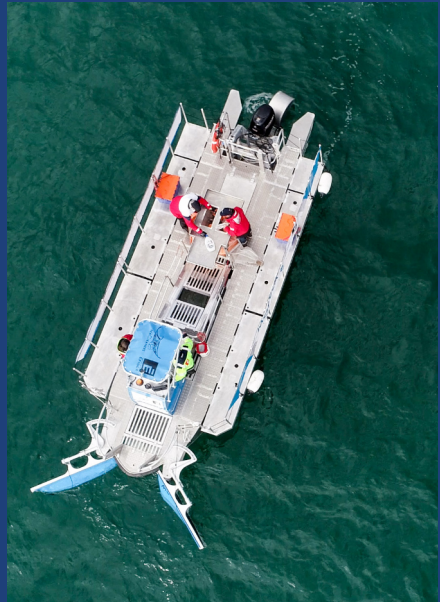
*Lebreton and al., 2021

An unlimited reach

An active, mobile solution, the Manta is designed to operate in river mouths and estuaries – areas where plastic waste builds up but has not yet begun to disintegrate or drift to the oceans.

The ship can be quickly deployed anywhere in the world after natural disasters (hurricanes, tsunamis, etc.) to collect floating waste before it sinks.

The SeaCleaners is also developing MOBULAs, small multi-purpose collection boats, capable of cleaning macro- and micro-waste and oil spills in narrow or shallow areas: calm and protected waters, lake areas, rivers, coastal waters up to 5 or 20 miles, rivers with strong currents, etc.



The first Mobula 8 is operational and deployed in Indonesia since march 2023.

A TEAM OF PARTNERS EMBARKING

on a unique
adventure



COMMITMENT

The volunteers

A network of 2,400 volunteers.

15 regional delegations
in France.

200+ waste collection operations
per year.

30 metric tons of waste collected.

KNOWLEDGE

The International Scientific Advisory Board

15 peer-recognized experts
from around the world.

A rigorous scientific approach
to set the direction of
the association's work.

EXPERTISE

The technical consortium

20 renowned industrial partners.

5 research laboratories.

60 engineers, technicians
and researchers.

More than 45,000
development hours.

CALLING

The association team

35 employees.

7 areas of expertise.

Presence in France, Switzerland,
Spain, Indonesia.



SUPPORT

The corporate partners

Picoty endowment fund, IKKS, Monassier Group, Courir, MTB, ENTENDRE and more than 70 French and international companies supporting us.

The institutional partners



2021 United Nations Decade of Ocean Science for Sustainable Development



International alliances and working groups

Global Partnership on Marine Litter

Plastic Pollution Coalition

UN Decade of Ocean Science for Sustainable Development

Group of Friends to combat Marine Plastic Pollution

Blue Manifesto

France Ocean Committee

JOIN US

BE PART OF THE CHANGE.

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