



GeneseasTM

An ingenious and discreet connected robot
to collect on-water waste and oil

Clean up your marina effortlessly

A SAILING DRONE DESIGNED TO CAPTURE SOLID WASTE AND OIL, CONNECTED WITH AN INTUITIVE WEBAPP FOR PRECISE, REMOTE CONTROLLING

ideal to fight pollution in
water bodies, harbors,
marinas, ponds



Save time and
effort for your
agents



Optimize clean-
up costs



Facilitate
access to
eco-labels



Raise awareness
among boaters
and tourists



Clean

On-water waste collection

Patented, silent aspiration system that can securely collect floating plastic, butts, cans and other detritus in a 140-liter basket. > **minimized handling**

Floating oil capture

Recyclable filter created using specific natural fibers, selected for their physical properties. Capable of absorbing on-water oil slicks with no salting-out. > **no more manual collection**

360° litter interception

Embedded ultrasound for obstacle detection in congested areas. High manoeuvrability and rotation on itself. > **no areas left out**

Track

Water quality monitoring

Precise supervision of the physico-chemical parameters of water: pH, temperature, conductivity, dissolved oxygen, Redox and many more. > **early detection of warning parameters**

Real-time data collection

Accurate water data linked to the GPS position. Instant and guaranteed recording under all conditions. > **reliable tracking and follow-up with your digital devices**

Data visualization map

Use of a specific algorithm to transcribe raw data into tables and heat maps, easy to analyze at a glance. > **quick identification of polluted areas**

A game-changing robot to collect waste...



- > Integrated collection basket with an automatic opening
- > Patented aspiration system with secure waste storage
- > Auxiliary solar panels for an autonomous navigation up to 24 hours*
- > Continuous data storage in the *cloud* even with poor network

**For information only, the autonomy of the device depends on the weather and the area to cover*

| | |
|--------------------|-----------------|
| Dimensions (L*W*H) | 1540*1180*850mm |
| Pick-up capacity | 140L |
| Ultrasonic sensors | 8 units |
| Turbines | 4*150W |
| Solar collector | 170Wp |

| | |
|------------------------|--|
| Light indicators | Full basket, low battery, stuck robot, lost signal, etc. |
| Battery | Lithium LiFePo4 3.6 kWh |
| MPPT charge controller | ✓ |
| Depth indicator | ✓ |

...and even more

FEATURES THAT CAN BE ADDED AS OPTIONS TO THE GENESEAS

Track water quality

Thanks to an on-board probe securely connected to an intuitive webapp, control the water in your marina.

Launch a cleaning session and analyze in real-time the following parameters:

| | | |
|------------------|-------|------------------|
| Temperature | pH | Conductivity |
| Dissolved oxygen | Redox | Other on request |

Access history, complete reports and heatmaps to monitor your aquatic area and offer the best experience to boaters and visitors.

Collect oil slicks

Geneseas™ is fitted with an eco-friendly recyclable filter that can adsorb oil slicks. It is composed of 100% natural fibers, entirely assembled in France.

From simple passion to real innovation

The sea has been in our DNA forever. Several years ago, we sadly observed an increase in marine pollution and we wanted to take action. We created the Recyclamer association (loi 1901) to manually collect waste and raise awareness among the younger generations. But it wasn't enough, or at least it's not enough anymore. We took it a step further by creating a solution to fight against pollution and collect waste before it sinks and contaminates the seabed.



*That's how
Geneseas™
was born.*

Join the movement to raise awareness

We all agree that the ideal world would be one without pollution. Unfortunately this is not yet the case.

Our main mission is not just to offer depolluting robots, but above all to educate current and future generations. Geneseas™ can help you raise awareness among boaters, locals and tourists. Become our relays. Awaken people's consciousness: it's not too late. Act with us to spread the word.



Our partners

