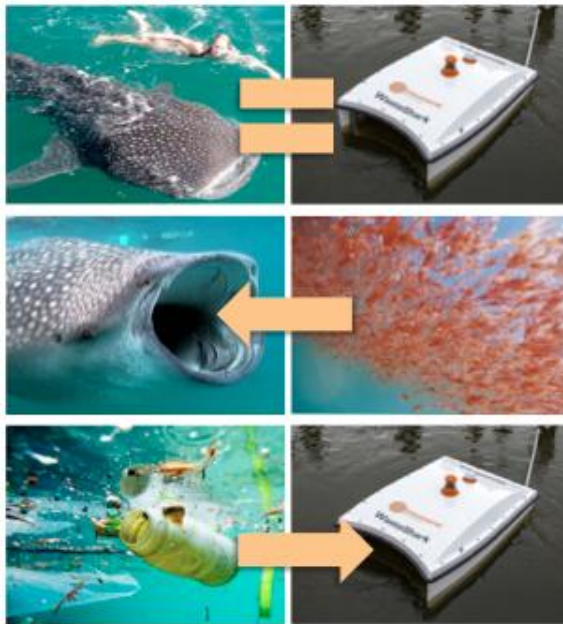




SHARKS AT WORK IN YOUR SMART CITY

Come discover WasteShark at METSTRADE 2018
Marina & Shipyard Pavilion at the Nautical High Tech & Green Booth
13-15 November 2018



AUTONOMOUS DRONES

Clearing unwanted material from water
(trash, plastics, oils, algae, other plants)

Gathering environmental data

Supporting evidence-based decisions in
Smart Cities

Operating solo or in a swarm

Zero greenhouse emissions, quiet,
agile, friendly to animals, inexpensive

*What if all the work that is too dangerous, too dirty or just too
undignified for sentient beings... could be done by robots?*

WasteShark™ by RanMarine is an innovative aquadrone designed for tomorrow's Smart City. WasteShark swims autonomously, continuously clearing water of unwanted material and gathering environmental data. Inspired by Planet Earth's biggest fish – the whale shark – WasteShark eats its waste prey with maximum efficiency, minimum effort, and without disrupting the wider environment. It is agile, quiet, unobtrusive, friendly to animals, powerful, durable, lightweight and produces no greenhouse emissions.

RanMarine is a high technology Impact Business, building unmanned autonomous vehicles (UAVs, aka drones) that protect the environment in the cities of tomorrow. RanMarine is based in Rotterdam, Netherlands, and is proud to be a multinational, multidisciplinary outfit.

RanMarine Technology BV | Scheepsbouwweg 8, 3089JW Rotterdam, Netherlands

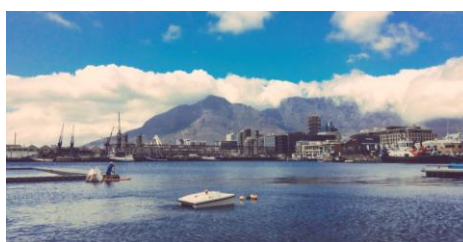
www.ranmarine.io



RANMARINE
technology

SHARKS AT WORK IN YOUR SMART CITY

- What is it?* An unmanned autonomous vehicle (drone) designed for urban, inland and near-coastal water
- What does it do?* 24/7 waste clearing and environmental data collection
- What does it look like?* 1556 mm long x 1078 mm wide x 450 mm deep
- What is it made of?* Maritime-grade polymer hull (as used for seagoing yachts)
- How does it work?* Autonomous (defined path or random walk) or remote control (human operator with handheld device)
- Does it crash into things?* No – there is a built-in collision avoidance system
- Does it hurt animals?* No – zero animal injury in over two years of usage
- What does it eat?* Plastics, general trash and non-biodegradables, oils, algae, water hyacinth, duckweed, dead fish, old bicycles, lost golf balls...
- What does it read?* Depth, temperature, acidity, salinity, dissolved oxygen, turbidity, presence of specific molecules or anything else you need



RanMarine CEO Richard Hardiman and team will be at the METSTRIDE Nautical High Tech & Green booth – contact us to arrange your visit!

Sophie Mordelet Communication +33 664 557 888
Nautical High Tech press contact sophie.mordelet@nautical-hightech.com
www.nautical-hightech.com

Oliver Cunningham +44 7812 732700
RanMarine press contact oliver@ranmarine.io
www.ranmarine.io