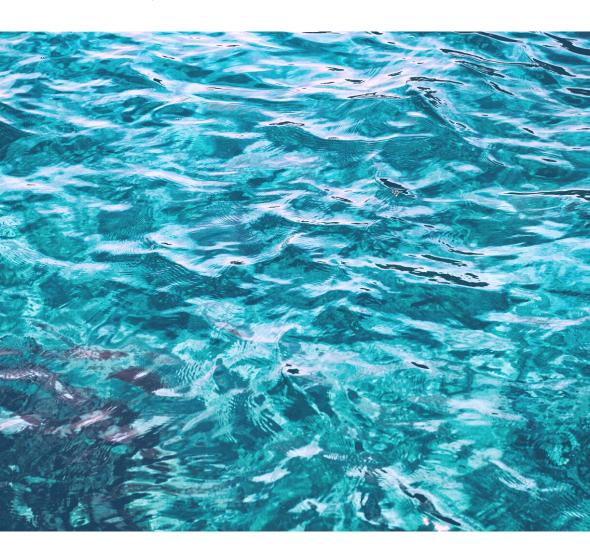
### OYour Green (\*\*) Experience

First Edition | January 2021





### **OYour Green Experience**

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"A real trip is not about new destinations, but about looking with new eyes"

Marcel Proust

### O Your Green Experience: Manifesto

Since 1998 we have fulfilled our customers' dream of becoming shipowners.

Oceanis Yachts International (OY) has been with you from the purchase of the first boat, up to the one that turns out to be never the last.

We are at your side both when you need it and when you choose to share your happiness with us.

Our "engine" has always been the experience:

ours, built over the years to guide you in the continuous discovery of the sea,

yours, which guides us and stimulates us to innovate

continuously.

Our "fuel", our mission, is that to continue to offer you an ever more intense experience of the sea.

A new way of **living and protecting** the sea is now an absolute priority, for this our "engine" and our "fuel" must meet more consciously the reality that surrounds us.

Hence our new promise: to offer you your first

**OYour Green Experience** 



We are aware that, such an ambitious goal, takes time, for this reason we have decided to commit ourselves on several fronts:

#### Raise awareness and motivate action:

This is how this **editorial** was born, to create, together, an increasingly sustainable nautical practice.

#### Create an alternative:

The **Green Package**, a selection of eco-friendly products to be used on board, is also taking shape thanks to some collaborations already started.

#### Reduce the impact of our offices:

A plastic-free perspective and the use of more sustainable products

#### Financing and supporting initiatives and projects:

Our first concrete action is the financing of a SeaBin in the Porto Vecchio of Sanremo.

#### Establish Partnership:

Collaborate with realities that share our mission

We consider this, only as a beginning, because we are convinced that drop by drop, we can make a difference in creating a green wave that becomes the sea.



Oceanis Jachts International

## O Your Green Experience: Magazine

The quote from Marcel Proust is a great starting point for launching the first issue of "OYour Green Experience": our editorial, which aims to create a **greater awareness** of how essential it is to preserve and improve the environmental impact of navigation.

We start from here because, it is with new eyes that we want to look at the world of boating and do our part in transforming the idea of choosing which direction to go, in order to start sailing together in "cleaner" waters into concrete actions.

We had long dreamed of this new challenge, but it always seemed too early, looking to the slow progress taking place in the nautical sector in relation to this topic, but today we know that time is short to recover what years of neglect have caused.

The rubricas that follow one another in this quarterly editorial, stimulate us to swine the question "Why change?", creating New habits, also thanks to knowledge of new products and technical innovations on the market to get involved in the first person, from the little big things that each of us can do on board and during navigation.

We can re-think our holidays, without giving up the wonders that the sea can give us with destinations and experiences to be lived.

We will discover the increasingly ecological innovations that also concern **super** yachts and we will collect the latest news in terms of events and information that can support us in this new journey.

And finally .... from the long journey of Oceanis Yachts made alongside its customers, the "Rubrica" was born "Stories of the Sea" where we will tell some of the most significant stories that have been part of this always exciting journey.

Ours is just a beginning: sometimes it is enough to start going, certain that if the direction is the right one, the wind will help us to navigate safely towards the goal.

Enjoy the Reading.



# Why Change?



Cruising towards new horizons

**OYour Green Experience** 



### Mare Nostrum - Seabin

We are proud to present our magazine together with the announcement of the installation of the new Seabin in the Old port of Sanremo, thanks to the contribution of Oceanis Yachts and Med Yacht Services. We are looking forward to telling you more in details what a Seabin is, starting with a short report on the environmental situation to get to understand why this installation is so important.

The Mediterranean Sea is one of the most affected by the problem of plastic waste. It has been estimated that the amount of garbage recovered is about 731 tons per day and by 2025 it could even double (Unep - United Nations Environment Program). As particularly dangerous we find the microplastics (with a diameter of less than 5 mm) which get attached to the algae and get then ingested by the fish. Just to mention one example, by analyzing some fishes such as bluefin tuna and swordfish. microplastics are found in 18% of the cases (source Ispra studies) - therefore, indirectly, each human being ingests an average of 1,769 microplastic particles per week simply by drinking water. (Source Sole 24 ore).

The quantities of plastic that everyday get spilled into the sea, often due to the carelessness towards activities carried out, but also due to the non-sufficient attention paid to the environment while enjoying recreational and bathing activities, are damaging the marine fauna and the whole eco-system, to an extent, getting it to a point almost irreversible.



Microplastics: the number one enemy



# Why Change?

### Mare Nostrum - Seabin

Because of this, in Italy a new project was born, called "LifeGate PlasticLess®" created in order to protect the status of the sea. This project intends to contribute to the reduction of pollution of the Italian seas through the collection of plastic waste in the waters of ports and marinas and especially aims to promote a new model of economy and consumption that is willing to reduce, reuse and recycle waste, especially those that are the most harmful to the environment such as plastics".





The Seabins are fully part of this wonderful project which aims to raise awareness inside ports with a more careful and effective management of our marine heritage. These products are an Australian invention: the device was designed by Australian the surfers Pete Cealinski and Andrew Turton. Launched on the market at the end of 2017, it is essentially a waste collection basket floating on the surface of the water. Depending on the weather conditions and the volume of garbage, it is able to capture about 1.5 kg of waste per day, that turns into, over 500 kg per year. It also collects microplastics from 5 to 2 mm in diameter and 0.3 mm microfibers and many common waste that ends up in the seas such as cigarette butts, cotton buds and more.





#### Mare Nostrum – Seabin

The Seabin is immersed in the water and fixed to a dock with the upper part of the device at a surface level. Thanks to the spontaneous action of the wind and the currents, the debris will convey directly into the device. The water pump, connected to the base of the unit, is capable of treating 25,000 liters of sea water per hour. The waste is captured in the bag, which can contain up to a maximum of 20kg, while the water flows through the pump and returns to the sea. When the bag is full, it is emptied and cleaned. (Source Lifegate). S

eabin has already been installed in many Italian and foreign ports and finally arrives in Sanremo thanks to the awareness of the municipal administration which has given us the opportunity to bring this innovative project into our port as well. The care and love for the sea arise from the responsibility for the daily choices that must accompany us even during moments of leisure and vacation on board our boats. In short, it is a question of returning to feel and perceive this sea as truly "Mare Nostrum".

Gilvin (inffradi







# Sustainability: a multi-faced concept

With the word "sustainability", we want to describe the condition for which the current generation satisfies its needs without compromising the possibility of future generations to meet theirs.

Consequently, the "environmental sustainability" corresponds to an exploitation of resources and an emission of pollution that could be dragged for an undetermined period of time. It is a type of responsible interaction with the environment, able to maintain a high environmental quality in the long run. This sustainability depends a lot from the capacity of management and resilience of natural systems. But things get complicated when ecosystems meet: the pression of humans is crashing this balance.

If we apply this to the Nautical world. the concept "Sustainable nautical" raises to underline that coasts and seas are a prime resource that we need safequard for future generations. For this reason, in the last vears there has been an increase of the nautical protected areas (AMP), that nowadays include about 12% of the Italian Sea.







# Sustainability: a multi-faced concept

Supporting the sustainability in the nautical world means as well promoting new technologies that can help guarantee the enjoyment of the seas and the coasts without damaging any of these. The researches and the activities of development are focusing on the improvement of the existing systems: such as hulls and material used to build boats, and engines and fuel provided to them. Unfortunately, these are not enough, as even humans have to do their part: at this case we are talking about "Sustainable tourism".

(Telegia (Tido







### The under-side of the climate crisis: Ocean warming and acidification

So much of modern industry, economy, and transportation is powered by burning fossil fuel, however, the byproducts of the processes that we use to power our world are killing our planet.

The world's oceans are currently both warming and becoming more acidic at an unprecedented rate. Although these are different phenomena, they interact to disrupt the delicate balance that millions of organisms rely on to survive in our sensitive marine ecosystems.

The burning of fossil fuels such as oil, coal, and natural gas, made mass production possible and led to progress. However, it also produces large quantities of carbon dioxide, methane and nitrous oxide, together called **greenhouse gasses**, which get trapped in the atmosphere and dissolve into the ocean.

Much of the excess heat in the air, caused by trapped greenhouse gasses, is being absorbed by the ocean, consequently rising its temperature and leading to more intense and frequent storms, culminating in billions of damages and tremendous loss of life. The seawater overheating also causes the corals to turn ghostly white, from the expulsion of the symbiotic photosynthetic algae, called zooxanthellae, that live in their tissue and provide them with most of their energy. Some corals produce fluorescent pigments that act as chemical sunscreens in a beautiful last-ditch effort to save themselves.

Reefs can survive a bleaching event, but they are under more stress and subject to mortality.







# The under-side of the climate crisis: Ocean warming and acidification





When CO2 dissolves into the oceans, it creates carbonic acid which lowers the water's PH. As the seawater becomes more acidic, many marine organisms that produce calcium carbonate shells or skeletons are negatively impacted and become more brittle and less resistant to stressors. Corals serve as important sources of biodiversity, as well as protect coastlines from flooding and erosion, and support the economy through fishing and tourism. Healthy coral reefs are vital to the whole planet and they need to be preserved.

Nicol Corte





## Nautica Green



Rudder of innovation

OYour green Expericence



### The goal of Volvo Penta: Zero emission within 2050

Volvo Penta has chosen to concentrate all of its efforts to lead the progress of a more sustainable technology.

Volvo Penta commits to a giant goal: zero emissions for its entire production within 2050. The first step, for one of the most important engine producers worldwide, is to put aside the famous brand of outboard engines "Seven Marine", acquired only three years ago, abandoning not only the development but as well their advertising and sales starting January 2021.

Although "Seven Marine" has always produced powerful and vanguard outboard motors, these are not considered as ecological in terms of emissions – therefore the Volvo Penta group has decided to concentrate all of its efforts in technologies that more and more sustainable, focusing on the IPS and Sterndrive engines.



The New CEO who has recently joined the Group, Heléne Mellquist, despite she recognizes the strong importance of the outboard motors for the boating market – still she affirms: "We believe that the unquestionable need of leading the progress of sustainable technology must become our number one priority.

Therefore, at the moment, the discovery of new technologies together with the development of our core business, such as Volvo Penta IPS and Sterndrive, will become the heart of our endeavors."

Volvo Penta has decided to participate and to play a main role, recognizing the great impact of its work, in a moment where change cannot be postponed.

logenza Di Feo

The Volvo Penta group has decided to concentrate all of its efforts in technologies that more and more sustainable



Source:: Wikimedia Commons





## Anchoring out? Yes, but be careful with the depths!

While vacationing onboard, one of the most appreciated moments is **anchoring** off in amazing spots, and jumping on the tender to discover the shore or the surroundings. The maneuver while anchoring, though, has to be practiced in a **responsible way**, in order to protect the seabed and the marine eco system that could be harmed by the hull of the boats, the keel of the sailing yachts and the propellers of the engines.

Therefore, it is highly recommended when possible, to drop the anchor on clean sands avoiding to position it directly on the "Poseidonia" that are the "lung" of our seas thanks to their multiple functions: they are able to produce oxygen, they stabilize the seabed thanks to their roots and they can reduce the intensity of currents allowing the conservation of sands.



The presence of "Posidonia" is an indicator of health seas and ecosystem, but not only: the disappearance of these green areas has an impact on the Global warming.

On top of this, a wrong anchorage might facilitate the prosperity of some kind of tropical algae that can be very dangerous for the marine ecosystem such as Caulerpa taxifolia and the Caulerpa racemose.

If you find difficulties while anchoring, the advice is to take a look at your nautical charts and find the right an exact area. The presence of "Posidonia" is an indicator of health seas and ecosystem, but not only: the disappearance of these green areas has an impact on the Global warming.

Tropia Vido





### The most eco-friendly holiday is on a Catamaran

More and more people start taking into consideration the "sustainability" factor in the choice of their holidays, and the nautical sector is becoming a part of this too.

The idea of a "green" trip, in this case, is inevitably linked to the Sailing Catamaran, that has gained an increase of popularity thanks to its eco-friendly skills, the comfortable livability with huge spaces and an innate look of elegance.



Catamarans started making their presence in the nautical world at the beginning of the '80, re proposing the concept of the double hull that was a characteristic of the ancient Polynesian canoes.

Originally these boats were very basic but strong at the same time, as they got utilized by many explorers to take part of the "Tour of the World".

In the next years, lots of modification have been applied to these yachts, that led the Catamarans to achieve incredible results in terms of comfort, performances and security – until the day of today where these kinds of boats are considered to be proper "luxury floating houses".

Natural pools and bays with short depths that are hard to reach for everyone, are the perfect anchorages for Catamarans thanks to their little draft. One thing worth to be mentioned is the fact that this type of boat allows to reach places that are not accessible by any other yacht nor classic sailing boats, thanks to their short depth.

While cruising on a Catamaran you'll be able to enter more easily the Coral Reef of exotic seas with the possibility of anchoring off into bays that are really hidden from everybody else.

Valoria Vido





### Cloud of the Sea: the "special fender" that helps clean the seas

Today, by simply cruising we can contribute to fighting of one of the number one enemies of our seas: the micro-plastics.

The marine environment which occupies the 71% of earth's surface, is unfortunately one the most hit by the dispersion of plastic.

Doubts are arisen immediately... Contribute to fight pollution simply by cruising? How can this be possible?

The answer is as simple as "Cloud of Sea": an innovative product adaptable to every kind of boat, which allows the collection of garbage in a very simple and autonomous way for those who have the chance to navigate.



The invention of a young Designer that allows us to make our part for having cleaner seas.

The fender shape has been inspired by the fish nets normally used for plankton; its functionalities are very intuitive, thanks to its internal rotating filter where microplastics get stuck while cruising.

Cloud of Sea, has **four main components:** two external sides that create a canal that allows the flow of water, a central exportable ring, and the up said internal rotating filter. The filter is made out of a multi-hole semi-rigid membrane, that tap inwards, allowing the entrance of plastic micro parcels, and preventing the exiting of these.





### Cloud of the Sea: the "special fender" that helps clean the seas

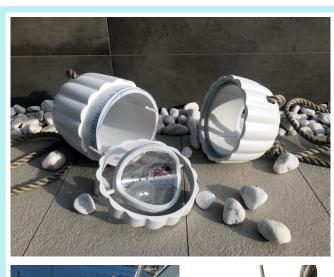
### What differentiate this product from others?

Certainly, its dynamicity:

while moving with the boat, it does not need any source of energy to perform its job; it is easily transportable and permits a fast differentiation of waste once ashore.

There are great prospects for such an innovative product, starting from the mechanical

improvements, to projects of collaboration with ports and boating people, with economic incentives, in order to promote a new system of protection for our seas.









### Cloud of the Sea: the "special fender" that helps clean the seas



We wish that Cloud of the Sea will not only remain a "hidden cloud" but can be the pioneer in the activity of protection of the marine environment for people like us, that link the sea to some of the most beautiful experiences of our lives.

logenza Di Feo







### Oceanblu - Oceanbird

What if we told you that a Cargo Vessel will be able to cross the Atlantic Ocean with a reduction in emissions of about 90%?

The "Oceanbird" project, led by Wallenius Marine together with WPCC - Wind Powered Car Carrier, KTH Royal Institute of Technology in Stockholm and the marine consultancy SSPA promises to reduce emissions by 90% compared to other ocean-going cargo ships and this is going to set sail by the end of 2024. The transatlantic crossing will last approximately 12 days instead of the current 7 normally spent by a conventional Cargo.



Source:: Automotori News.

Oceanbird has a unique design with its five sails around 80 meters high, 200 meters long, with a beam of 40 meters and a displacement of 32,000 tons, it will measure 100 meters high thanks to its sails, made with a mixture of metal and composite. It will also have auxiliary engines that will allow maneuvers in port.

The wind, in this case, will be the propeller of these ships. An ambitious project that aims to revolutionize the transoceanic transport system. As the Oceanbird website mentions – check it out (www.oceanbirdwallenius.com)

"The wind helped us discover our planet - now it can help us preserve it"

"The wind helped us discover our planet – now it can help us preserve it".

Gilvin Cinffredi



### New

# Habits



It is time to veer

OYour green Expericence

# New Habits

#### Eco-Clean

When we talk about environmental eco-sustainability, one of the points on which it is easier and we have immediate possibility to act is the cleaning of the boat.

There are now several ecocompatible products to choose from, as well as some commonly used products that can be used appropriately diluted to obtain effective cleaning with less pollution.

Let's start with the cleaning of the deck and exteriors, which can be done simply by using vinegar dissolved in 3.5 liters of water. With a different dilution (1 cup of vinegar in 1/4 of water) you can as well clean the portholes remembering to dry them well after rinsing them.

Apple cider vinegar is especially suitable for cleaning metals and all chrome parts. Once cleaning has been carried out, it is possible to polish using baby oil.

Baking soda is also very good not only for general boat cleaning, but as well as fiberglass. At this case it is better to use it together with salt. Refrigerators and iceboxes can be easily cleaned with a damp cloth and baking soda – which is as well suitable for cleaning toilets. After cleaning, you can pour a cup of vinegar and leave it to act overnight in order to dissolve the limescale.



Mold and rust can be effectively treated by mixing equal parts of salt and lemon juice, then vinegar and salt.

A solution of a mix of 3 parts of olive oil and 1 part of white vinegar can be used for cleaning wood. Or you can use as well lemon essential oil which, in addition to polishing, gives a very pleasant scent.

Essential oils are very useful on the boat to give a "natural" perfume to the environment.

Oils such as lemon, sweet and bitter orange, mandarin, even the one made out of lavender with its disinfectant properties can be a valuable aid.

With a simple diffuser you can purify the air with Niaouli essential oil or incense, they will leave the environment pleasantly welcoming and naturally scented ....
"Eco - clean".

Gilvin Cinffredi

Deep and thorough cleaning: some tips to make it sustainabl e thanks to natural products







### Why having a Segway onboard?

The very much discussed Segways have conquered not only the biggest international cities, but as well all the boating people worldwide.

The Segway, an innovative transportation method with two or three wheels, has been for a long time now, under the magnifying glass of the legislator in the attempt of the regularization of a more and more globally utilized and appreciated product.

Right after taking over the urban mobility, the Segway has become one of the most favorite item used to move around ports and marinas for boating people, seen that most of the times distances are quite big and they like to discover new places or wish to avoid walking around when the season starts to become pretty warm.

The models available on the market are various and different, with prices that might space from  $100,00 \in \text{up}$  to  $3.000,00 \in \text{with}$  technical performances different one to the other.

On the average the Segways ride around 12km/h and can reach up to 36 km/h with an autonomy of over 30km with one single recharge.

The Segway is definitely considered to be a revolutionary method, which as well as offering an alternative fun, easy, cheap, fast and less time-consuming option - occupies a reduced portion of space onboard, and it's quite practical to get recharged with a simple electrical plug.

The very much discussed Segways have conquered not only the biggest international cities, but as well all the boating people worldwide.



Last but not least, this way of transportation gets a plus to its value: it has a very **low environmental impact** – therefore it acts on the reduction of pollution.

As per today, having a Segway onboard it's a comfortable and nice alternative, fun and sustainable in order to transform your permanence ashore to a more dynamic and responsible one.



### Experiences

### & Destinations



Finding new routes

OYour green Expericence



### 'Green & Blue Route' Nautical tourism in marine parks



Landing into a completely environmentally friendly way, and enjoying the most enchanting nature has to offer, in paradises such as the Asinara Park in Sardinia, the Protected Marine Area of Portofino, the Cetacean Sanctuary in the Mediterranean.



With the aim of promoting the "green charter" activity and natural tourism, while safeguarding the marine environment, the project "Green and Blue Route" was launched, completely financed through a European Union fund.

Navigo, a Tuscan company for sailing innovation and development, won the sponsorship together with Bluehub, a special company of the Chamber of Commerce Riviere di Liguria, Confindustria Centro Nord Sardegna, Chamber of Commerce of Nice and Velando, a group of Sardinia's companies.

The companies joining this initiative will produce a plan for the promotion of the "Green Charter" activity and communicate adequately the destinations and the itineraries over the involved areas (Liguria, Sardinia, Tuscany and Provence-Alpes-Côte d'Azur).

The yachting companies will be able therefore to approach the protected marine areas and the national parks, through the proposal of totally ecofriendly routes.

Also financing vouchers will be available for improving and consulting about green activities from early 2021.

Michela Chiesa





### San Fruttoso: a corner of paradise on the sea of Portofino

In this issue of OYour Green Experience we have Magazine decided to talk about San Fruttuso, and the irresistible charm of its characteristic bay that the famous hosts medieval tower, once erected to defend the village, the abbey and renowned submerged statue: the Christ of the Abyss.

San Fruttuoso is a picturesque fishing village, whose origins date back to the 10th Century.

Sited close the to protected area Portofino: 3 nautical miles west of Portofina and about 4 nautical miles east of Camogli, Fruttuoso San reachable only by sea mooring right in front of the bay, where there's some buoys and you'll accompanied ashore by classic rowing boats - or along unfinished paths that connect it to the neighboring towns.



Source: Pinterest

San Fruttuoso of Camogli, the Ligurian Pearl where nature and history meet, offering a breathtaking scenary



Source: Nautica Report

The most attracting renowned attraction of the ancient Ligurian village is certainly the Christ of the Abyss: the bronze statue sculpted in 1954 by Guido Galletti memory of Diego Gonzatti, pioneer of Italian diving, who died in 1947 in that same place.

The submerged statue, which represents a Christ with his arms outstretched upwards, is today the emblem of the passion for the sea and for diving, and this makes it one of the most popular dive

sites in the entire

Ligurian Sea. Although the statue is deep, about meters from surface and about 300 meters from the beach, thanks to impressive size it is clearly visible even without diving, giving unique suggestive within experience

everyone's reach.





### San Fruttoso: a corner of paradise on the sea of Portofino

For the more adventurous we recommend the **path** that connects San Fruttuoso with Portofino: one of the most evocative of the area, thanks to the breathtaking views on the southern side of the promontory. The colors and scents of the Mediterranean scrub are the main players, and it is not required a great athletic preparation – although it must be kept in mind that the expected time to cross it is about 2h30mins.

Once you have reached your destination, in case you're too tired, it's possible to be picked up by boat.





Source: Liguria Nautica

Finally, as we find ourselves in Liguria, this experience can only be ended tasting a traditional lunch!

The two most known restaurants in San Fruttuoso are: "San Giorgio" and "Da Laura".

The first one, with its tables right on the cliffs, at the feet of the monastery, offers typical Ligurian dishes from April to October and offers a taxi-boat service and mooring assistance.

At "Da Laura", instead, you will be greeted by a romantic pergola, sourrounded by lemon trees and overlooking the Doria tower. Very nice experience you'll find here is the opportunity to dine with dishes that are "transported" through a pulley, that goes up from the second floor where the kitchen is directly downstairs to the tables.

Now, all what we can do is just wish you a good visit to the San Fruttuoso protected area!

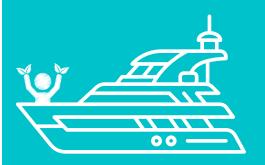
Do not hesitate to tell us about your experiences and why not share your travel tips with us!

logenza Di Feo



# Super

# Yachts



Beyond any limit

OYour green Expericence



# AQUA - In name and in fact: The hydrogen-powered Super Yacht concept

The 112 meter Aqua, is the newest superyacht concept brought to us by Sinot Yacht Design & Architecture.

With this new concept, superyachts are one of the final modes of transportation to bend toward the growing consumer demand for eco-friendly engine designs.

Its innovative design is run entirely by a renewable energy source – Water. Aqua's curvaceous, ocean inspired exteriors and fully operational liquid hydrogen and fuel cell technology power system, took a team of designers and engineers months to develop. The results have been not only eye catching and cutting edge, but also environmentally conscious.

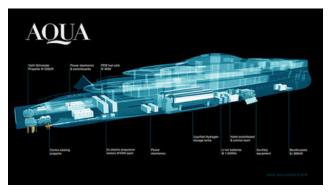
Aqua's power system runs solely on liquified hydrogen which is converted into electricity and distributed across the ship for use by the propulsion, auxiliary systems as well as hotel services.

"Our challenge was to implement fully operational liquid hydrogen and fuel cells in a true superyacht, which was not only revolutionary in technology, but also in design and aesthetics"

Sander J. Sinot - Concept designer di Aqua



Source: Sinot Yacht Architecture and Design 2019



Source: Sinot Yacht Architecture and Design 2019





# AQUA - In name and in fact: The hydrogen-powered Super Yacht concept



Source: Sinot Yacht Architecture and Design 2019



Source: Sinot Yacht Architecture and Design 2019

A state-of-the-art management system also stores the electrical power in large batteries to ensure that loads can always be met. This all occurs with none of the noise, vibrations or waste generated by traditional diesel systems.

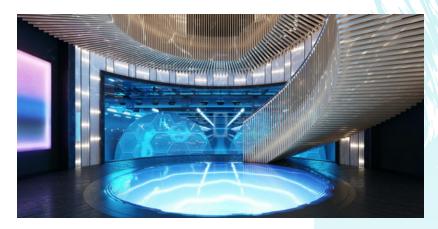
The propulsion system uses liquified hydrogen, stored in two vacuum isolated tanks that sit at the foot of a spiral staircase at the center of the boat behind strengthened glass, designed to keep it stable at -253°C.

The hydrogen in these tanks is then converted into electrical energy by proton exchange membrane fuel cells, where water is the only byproduct. The electricity generated powers two 1-MW electric propulsion motors and two 300-kW bow thrusters for tighter maneuvering.





# AQUA - In name and in fact: The hydrogen-powered Super Yacht concept



The hexagonal hydrogen tanks - Source: Dagospia

Aqua's propulsion system can turn out a top speed of 17 knots, cruising speed of 10-12 knots with a range of 3750 nautical miles.

Electricity is also stored in a 1.5-MWh battery pack providing instant access to power and running the ship's electrics.

Nicol Confe



Source: Sinot Yacht Architecture and Design 2019



### **Events**

## & Media



Stay tuned not only via VHF

OYour green Expericence



### News from the 60th edition of the Genoa Boat Show

#### H2boat, the boat with zero emissions and unlimited range.

At the 60th Genoa Boat Show has been illustrated the operation of the world's first hydrogen boat with unlimited autonomy, whose only emissions are oxygen and distilled water. Eco-friendly sailing for "H2boat", thanks to the first hydrogen propulsion system installed on various types of boats.

The production, the storage and the use of hydrogen - which generates current, take place in absolute silence, without any vibration or emission of foul-smelling or polluting substances. Hydrogen is stored at low pressure and at room temperature. In the event of breakdowns or accidents, hydrogen is released at low pressure, with any kind of risk of explosion or fire.

There are five types of plant, from 1 to 60 kW total power, modular, to achieve the desired amount of energy.

The energy packs arrive on site, ready to be installed in the engine room, such as any onboard accessory.

H2boat's energy packs can be integrated into a hybrid system that also involves the use of energy produced from fossil sources, or work only with renewable sources to not leaving any trace of their passage, with no CO2 emissions or other greenhouse gases.

This has been the third participation of H2boat to the Genoa Boat Show. This year, further improvements were presented: especially to the bulb, the area where the hydrogen is stored, and then transported to the fuel cell, where it will then be transformed into electricity.

H2boat presented, the first zero-emission boat with unlimited autonomy, powered by simple water recirculation



Source: Vaielettrico





### News from the 60th edition of the Genoa Boat Show



Source: MarinaCue

Ferretti Group delivers the first motorboat FSD N800 to the Carabinieri at Genoa Boat Show



Source: Report Difesa

To the 60th edition of Genoa Boat Show, the Ferretti Security Division (FSD), business unit of the Ferretti group dedicated from 2016 to the production of military boats, has delivered to Carabinieri the first of 16 FSD 800 deep-see patrol boats.

The new units have a length of 16.75 meters, width of 4.43 with a draft of 1.57.

The motorization is built by a new hybrid propulsion conception, diesel and electric, called "Transfluid", on which the engineers of Ferretti have worked in order to ensure navigation at zero emission.

The patrol boats will be employed in the surveillance and safeguard of the Italian marine areas, without affecting the ecosystem.

Michela Chiesa





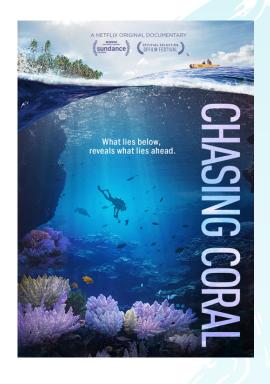
#### The Movie: CHASING CORAL

From Jeff Orlowski, the Director of Chasing Ice (the 2014 News and Documentary Emmy® award winner for Outstanding Nature Programming), this Netflix original documentary, which offers a breathtakingly beautiful look at some of the Earth's most incredible natural wonders, won several prizes including the Audience Award for U.S. Documentary at the 2017 Sundance Film Festival.

Filmed for over three years this is the result of 500+ hours of underwater footage. It includes coral bleaching submissions from volunteers in 30 countries and was made with the support of over 500 people in various locations around the world.

Chasing Coral taps into the collective will and wisdom of an experienced adman, a self-proclaimed coral nerd, top-notch camera designers, and renowned marine biologists as they invent the first underwater time-lapse camera to record bleaching events as they happen.

Unfortunately, the effort is anything but simple, and the team doggedly battles technical malfunctions and the force of nature in pursuit of their golden fleece: documenting the indisputable and tragic transformation below the wayes.



Everything, on our planet, is connected





#### The Movie: CHASING CORAL





Source: The Ocean Agency



Source: Netflix

With its magnificent photography, nailbiting suspense, and startling emotion, Chasing Coral follows the work of the international non-profit organization "The Ocean Agency" in recording and revealing a global coral bleaching event and the dramatic impacts of climate change on the world's reefs. Chasing Coral provides not only a stunning visual story, but also an impact campaign that has been launched to ensure the loss of our reefs does not go unnoticed.

All the info to contribute on: www.chasingcoral.com/take-action/

(Nicol Conte

"This story is bigger than coral reefs, it's about the collapse of an entire ecosystem and the role we all play in taking action while there is still time." -

Jeff Orlowski, Regista di "Chasing Coral".

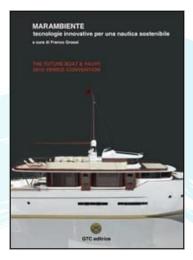


Source: XL Catlin Seaview Survey - The Ocean Agency - Richard Vevers





#### The Book: Marambiente



Fonte: Amazon

### A book about innovative technologies for sustainable sailing

#### Sustainability, innovation, research.

These are the topics mainly treated in the analysis of the renewed relationship between man and the sea, in its broadest meanings.

From the eco-friendly boat technology, to the use of **renewable energy** in propulsion and services, from the search for **recyclable materials** to the redesign of the production process in a "green" key and the subsequent disposal of boats in the environment.

Topics of major relevance widely treated, as well as the need of a relationship between ports and the territory.



### Stories from the sea



Log Book OYour green Expericence



### Have you considered "Boatworking" already?





# The new way of working that goes way beyond the sea view office... it is on right on the sea!

Recently we have adapted to get in touch with a "new" concept: the "Smart working". What does that mean?

It means that working was never as easy: no matter where you are – can be from your home, from your couch or anywhere else remotely. There are several – and often contrasting – opinions about this new methodology of working, but one thing is for sure: the preventing measures set to defeat COVID-19 by all Governments worldwide have driven to a revolutionary change in the traditional way of working, which will hardly be left in a corner once this pandemic will finally be over.

The development of this new behavior led to an increase of productivity together with a huge reduction of costs, therefore multiple companies have already announced the opportunity for its employees to continue smart working even when the world health emergency will be over.

This can finally be the chance for everybody to stop choosing between "daily life" and the very-much-loved "boating life".

Just like Fabio Portesan did: he choose to live onboard his Oceanis 430, with all his family, his wife, their kids and their two cats. Fabio has told to the "Sailing Journal" about his decision; giving out advices on how to become a "smart worker" without giving up to opportunity of discovering and cruising around the world.





#### Avete già considerato il Boatworking?

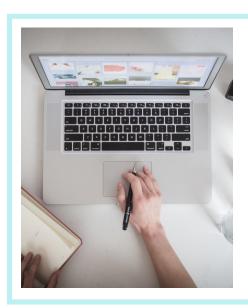
So the question comes out easily: what is necessary for a professional "boat working"?

Simply a computer, and a wi-fi connection (that is most of the time offered by the Marina where you're staying at, or a private connection onboard or even an hotspot from your mobile connection), a chair and table that can become your "new office" (like maps tables and dinettes) and the will of resisting all those temptations that the sea might offer.

We have decided to tell you more about this in the Rubrica we have created: "Stories from the Sea", in order to inspire those who have not experienced this amazing world yet and on the next number of the ""OYour Green Experience - The Magazine" your story-telling and experience of Boat Working.

Contact us and tell us about your experience of "Boat working" as the Rubrica "Stories from the Sea" it's about you!

logenza Di Feo





Don't choose anymore!





#### OYour Stories: Aurora



It was February 2003 when the Oceanis 393 was launched, Beneteau, "Gaudes" and Aurora, just born, was in the arms of mom and dad to take part in the delivery of the boat.

Today, November 2020, Aurora an all grown up woman, tells us that her passion for the sea, is what can be defined as a "love at first sight".

She grew up on a a boat, she tasted the sense of freedom, feeling the bond between sailing and the sea.

During the school years, sailing was a safe place which allowed her to get away from some difficult moments.

"Sailing helped me growing a lot, it was my way out; I started playing club competitions since I was 7 and then I moved into agonistic and competition around the age of 12".

The **first races** were onboard the Optimists and then she moved to 420 in the team **with Sofia**, her team mate since 3 years now. Together they manage to compete in the 2018 Newport World Championship.

### Aurora: storia di una passione "mondiale"





## Stories from

#### OYour Stories: Aurora

Stories from

The first time we participated to the selections for the world championship, on the last regatta, we were fighting so hard to get our spot, that when we realized we got in before the other boat, we didn't really get the fact that we finally made it and we got qualified!

I remember that the coach came and asked us if we were ready to go to compete in America... This is one of the strongest emotions I have felt! ".

So finally, Aurora and Sofia went to America, and they succeeded obtaining an excellent placement at the World Championships.

They have also requalified this year but unfortunately these selections did not go through, due to the current health situation, and the World Competition has not taken place.

Aurora, who is now 18 years old, is planning compete on the 470s with a mixed crew, holding close to her one of the mottos her coach used to tell her, to encourage her in moments of difficulty before a race with rain and adverse weather conditions: "Water above and water under.... After all, what is the difference?!?".

We wish you good Wind Aurora!

Gibir Cinffredi



"Why be afraid?
Water above and water below,
what difference does it make?"





#### It's not true and I don't believe it anymore!

The nautical industry, due to its **centuries-old history**, is characterized by superstitions and beliefs that are often still widespread today.

As per today, these beliefs, so dated and fundamental to ingratiate ourselves with the natural elements during long crusings...

how much do they still influence us?



In this first issue of OYour Green Experience, we have decided to "play" with one of the most ingrained prejudices of the nautical industry:

"the color green brings bad luck".

We have decided to tell you a bit more about the history of this color - avoided for centuries, as it was accused by crews all over the world of being one of the main vehicles of bad luck – in order to underline how times have changed and awareness must be raised.. it is not acceptable anymore to "hide" behind fear, but rather instead, to act and ensure that the concept of "green" today, can no longer be ignored by "the boating universe".

Each of us in this industry can decide to "put aside the fear of the green" and do his part: from the production of boats, to the daily life on board, to assure that our seas and our navigation can become more and more "green".



#### Non è vero e non ci credo più!

History shows how much it "only takes to get to know things from closer, in order not to not fear them anymore", so we have decided to collect and summarize the origins and few anecdotes related to this centuries-old beliefs:

For many years, it was absolutely forbidden to embark any element of green color, from clothing, to accessories, up to the color of the boat itself. A first reason, is certainly linked to the color of the skin of the naval officers, who after passing away, during long journeys were blindfolded and brought back to their beloved ones after a long period of time and the molds that deposited on their bodies caused them a greenish color.

A further explanation derivates from the color of the **oxide that got formed on the surfaces** of the ships (which were by then built in wood or metal). There is no need to explain the state of anxiety that such a discovery could generate, especially when you were far from the coast.

Another reason is also linked to the original production materials of the boats: the wood was literally eaten up by **teredini and dog's teeth**, and so, seen from a perspective outside the water, appeared green in color.

Finally, it was thought that wearing green onboard was a sign of bad fate because the green color was considered difficult to be **distinguished from sea** water in the event of an accident.

We liked the idea of ending the first release of OYour Green Experience - The Magazine with this as a curiosity as a starting point, to make you smile a little and at the same time to reiterate the **need for a change of point of views**, in order to ensure that the change that we would like to see in our world, can be of interest of one of the most magical places on this planet and everything related to it: our beloved sea.

### Thank you so much







"Don't mind me.

I am from another planet.

I still see horizons where you

draw borders"

Frida Kahlo

