



TRADEWINDS

AUROMA

of Our Sustainable Tomorrow



**This book is dedicated
to the **life force** and **love**
connecting all energies
on our beautiful planet
and beyond.**



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Forward to Our Future

Our Tomorrow is being created Today

At TradeWinds, we have held the concepts of connection and sustainability as core values for many years. Connections to each other and to the world in which we live, work, and enjoy.

The belief in these concepts has driven TradeWinds to work alongside other pioneers in the yachting industry to seek better and more sustainable solutions for us to be able to create amazing experiences with our Members and Guests every week.

As first-hand witnesses of the impact that tourism can have on our fragile and delicate ecosystem, we decided to be part of the solution, not the problem. **Together, we are becoming the change we want to see in the world.**

The launch of our first 100% electric propulsion yacht, *AURORA*, is the next big step for TradeWinds in our continued and committed drive to protect the marine ecosystem we so passionately love and enjoy. *AURORA* is to be the first

phase in the replacement of our existing hydrocarbon fueled yachts over the next decade.

AURORA, and her future electric sisters, will enable TradeWinds to continue offering our trademark of luxury experiences but without the intrusive by-products of noise, vibration and pollution associated with diesel engines and generators.

As you will learn in this book, *AURORA of Our Sustainable Tomorrow*, TradeWinds has been at the

forefront of changing the way our ocean can be experienced by adopting and developing operational approaches and processes that minimize the impact of luxury yacht vacations on environments both in the sea and on land.

We are very excited to be able to share *AURORA* with you and the benefits she will bring. This is the dawning realization of many years of hard work and innovation in conjunction with Fountaine Pajot

and, more recently, the REXH₂ Hydrogen system from EODev.

Knowledge is the most powerful energy we harness – and we invite you to take time today to empower your awareness.

Neil Parsons
TradeWinds' President





PROLO

HEALTH TO THE OCEAN,



OGUE:

MEANS HEALTH FOR US



Our lives depend on taking care of the systems that generate oxygen, that capture carbon, that create this amazing web of life.

Never before could we know what we now know because of technology, and never again will we have a better chance to act on that knowledge to safeguard our life-support system.

We have the knowledge; we have the power. What we need is the will.

Dr. Sylvia A. Earle, Founder of Mission Blue





The Ocean Knows No Borders

TradeWinds' much loved former Captain, **Aunofo "Nofo" Havea**, had the esteemed privilege of addressing the United Nations on World Oceans Day 2019, which had the theme of "Gender and Oceans". Here, Nofo was honored in meeting revered oceanographer and explorer Dr. Sylvia Earle.

lecturer, and founder of Mission Blue, which inspires action to explore and protect the ocean. A National Geographic explorer-in-residence since 1998, Dr. Earle was the first female chief scientist of the U.S. National Oceanic and Atmospheric Administration (NOAA), was named by Time Magazine as its first Hero for the Planet in 1998, and is the 2009 TED Prize Winner.

From Vava'u, Tonga, a lifetime of experience closely connected to the sea lead Nofo to become the very first female licensed Captain in Tonga and all of Polynesia. Her unique knowledge and wisdom were shared with TradeWinds' Members and Guests on sailing adventures in Fiji.

Part of the group Ocean Elders, which is dedicated to protecting the ocean and its wildlife, Dr. Earle is a pioneer in the use of modern SCUBA gear, the development of deep-sea submersibles, and in 1979 set the world untethered diving record at 381 meters (1,250 ft).

Inspiring other women to face the unknown and break gender barriers, **The Ocean Knows No Borders (2020) Documentary Film** from Jack Gordon and the Northeast Maritime Institute followed her story.

It is this beautiful and inspiring energy, such as this example with Captain Nofo and Dr Sylvia, that connects the powerful purpose of love and respect for our planet. By unifying our energies with knowledge, wisdom and positive intentions – together can and will make a difference.

Saving and restoring the blue heart of the planet, Dr. Sylvia Alice Earle is an American marine biologist, oceanographer, explorer, author,





1. CONSCIOUSNESS OF



OUR SUSTAINABILITY



The commitment of finding new sustainable ways to operate charters is our responsibility as a company. This new fleet of electric yachts is a big step towards that reality.

Magnus Lewin, TradeWinds' Co-Founder





Purpose

Sustainable experiences with an abundance of comfort



Our Goal is Sustainability: To continue our mission creating unforgettable, all-inclusive, unique luxury **AQUA, AQUA•TERRA**, and **TERRA** experiences in even more incredible destinations around our world – all without depleting our planet's precious natural resources both in the sea and on land. This purpose, with positive and conscious intentions, focuses on the protection of our environment, our communities, the oceans, and its fragile and important marine eco-systems.

From the stunning colors of a Caribbean sunset and the rugged silhouettes of the islands of the Mediterranean, to the dazzling aquatic life in the coral reefs in the South Pacific, the awe-inspiring islands in the Indian Ocean, and the cultural melting pot of Central America; the

sheer majesty of what we see on every TradeWinds experience is a vivid reminder of what we must safeguard for future generations.

You may be thinking **“These are just vacations on yachts, what impact can TradeWinds actually make?”**

Quite directly, EVERY effort for sustainability matters and WILL make a difference! From making a conscious effort for positive actions every day to perusing innovations green energy technologies, we continue to improve and enhance the TradeWinds vacation experiences whilst also protecting our environment. Plus, we know this purpose can have an even farther reach inspiring others to be conscious of their sustainable efforts too!

We are ALL responsible.

Our Commitment to Each Other

The purpose in our partnership

From our beginning in 1999, TradeWinds has been committed to creating unique and exciting vacations. Through this journey we continue learning how to respectfully appreciate the world's natural wonders, and make our experiences as sustainable and environmentally responsible as possible.

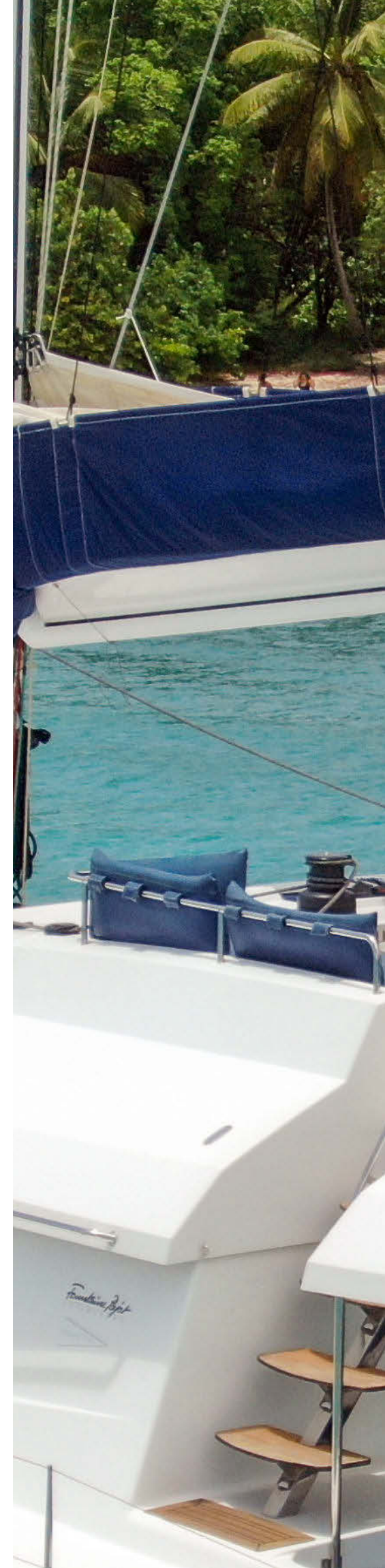
Our Members have been extremely important in everything we do and in every decision we make. They are committed to TradeWinds' mission, as they have literally invested in the future of our vacation experience program.

The development of our **AQUA** fleet for our all-inclusive sailing experiences, and our exclusive **TERRA** properties has been based on our Members' feedback and their interest

in new adventures, destinations, yacht designs, and technology, all the while remaining in harmony with the natural world.

This partnership is vitally important to us, as together we work towards creating everlasting memories for many years to come and continue to protect our precious eco-system.

Since 2009, we have had a strong partnership with renowned luxury yacht builder Fountaine Pajot, and in the last few years our collaborative energy had shifted towards the co-design and creation of their collection of catamarans powered with renewable sources. Further in this book, you will learn more about this collaboration and our investment towards a more sustainable future.





We encourage YOU to join in reducing
your environmental footprint.



We are Making a Difference

An environmentally responsible and socially conscious organization

Our passion for helping protect and preserve our environment goes hand in hand with our belief that Guests should experience life to the fullest, feel alive and connect with their surroundings.

We ALL have a responsibility to look after our planet and cherish its eco-systems. TradeWinds' Crew Teams, Land-Based Staff and Offshore Support are all encouraged to make as little impact on the environment as possible while providing our Guests with superior service and memorable vacation experiences.

Many eco-initiatives supporting a sustainable operation are implemented across TradeWinds:

- We use only very effective eco-friendly, non-toxic cleaning products – banning harsh marine life damaging chemicals, such as bleach.
- We greatly reduce single-use plastics by eliminating water bottles and excess packaging.
- Menus are efficiently planned to minimize food waste.
- We encourage eco-friendly economies by supporting local farmers, food producers, entrepreneurs.
- Yachts utilize solar power and effective system management for optimal fuel usage.
- Ecomist water nozzles are installed to conserve water.
- We are committed to various reef recovery organizations, coral nurseries, and restoration activities.
- Always follow water sport safety guidelines that protect marine eco-systems.
- Guests are encouraged to protect their skin with sun protective clothing and body safe practices.
- Our uniforms, merchandising products and accessories are responsibly sourced from eco-friendly suppliers with sustainable policies.
- Gradually replacing base vehicles with electric ones.
- We employ opportunities for our teams to work remotely.
- Paperless offices initiated with electronic workflows and digital books – such as this one you are reading!

We are one hundred percent committed to sustainability.

Worldwide Strategy for Sustainable Development

The important framework of the United Nations



Sustainability

United Nations SDGs



As respect and love are of paramount importance, we encourage our Team, Members and Guests along with everyone in the maritime and vacation industry to adopt sustainable practices that will help conserve natural resources and protect our amazing planet.

We remember how the beautiful beaches and the vibrant coral looked just 20 years ago – now in some areas the current state is unsettling. We continue to do what we do, not to “fit in” with the current upsurge in support for the environment, but because it is quite simply – **the right thing to do.**

Every effort made does make a difference and we believe it is our duty to encourage and promote effective strategies and partnerships worldwide. Together we can be active agents in our sustainable future.

Fortunately, now there is a framework for our world to follow: Many Members will be aware that in 2015 all United Nations Member States agreed to adopt the 2030 Agenda for Sustainable Development, providing a shared blueprint

for peace and prosperity, for people and the planet, now and into the future.

At its heart, the **17 Sustainable Development Goals (SDGs)** are an urgent call for action by all countries developed and developing, in a global partnership. These goals recognize that ending poverty and other deprivations must go hand in hand with strategies that improve health and education, reduce inequality, and spur economic growth – all while tackling climate change and working to preserve our oceans and forests.

Businesses are the driving force, an essential part of the process, and long-term business success hinges on these goals being realized. It is important to conserve and sustainably use the oceans, seas, and marine resources, and TradeWinds is mindful of the need to reduce the marine footprint not only of our yachts but of our entire operation.

These important goals can also be met by every individual and within every family by taking sustainable actions in your everyday life.

Bringing our Goals to Life

TradeWinds is about so much more than beautiful luxury yachts moored at swanky marinas!

Our goal is sustainability – as an organization and in the experiences we create. The entire worldwide TradeWinds’ team must also be committed to this goal, taking sustainable actions in everything we do, for the happiness, health, and prosperity of us all.

To be able to continue creating unforgettable memories, these breathtaking destinations, marine life, flora, and fauna MUST still be here for future generations.

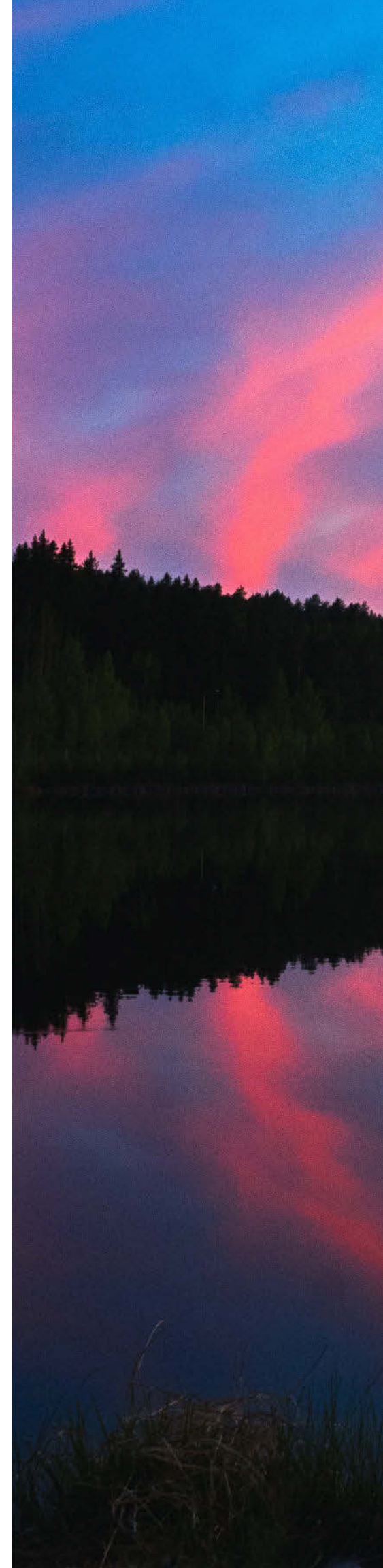
The tourism industry must take full account of its current and future economic, social, and environmental impacts, while also addressing the needs all participants, the eco-system, and host communities. For luxury to be sustainable, the commitment may be of a greater cost –

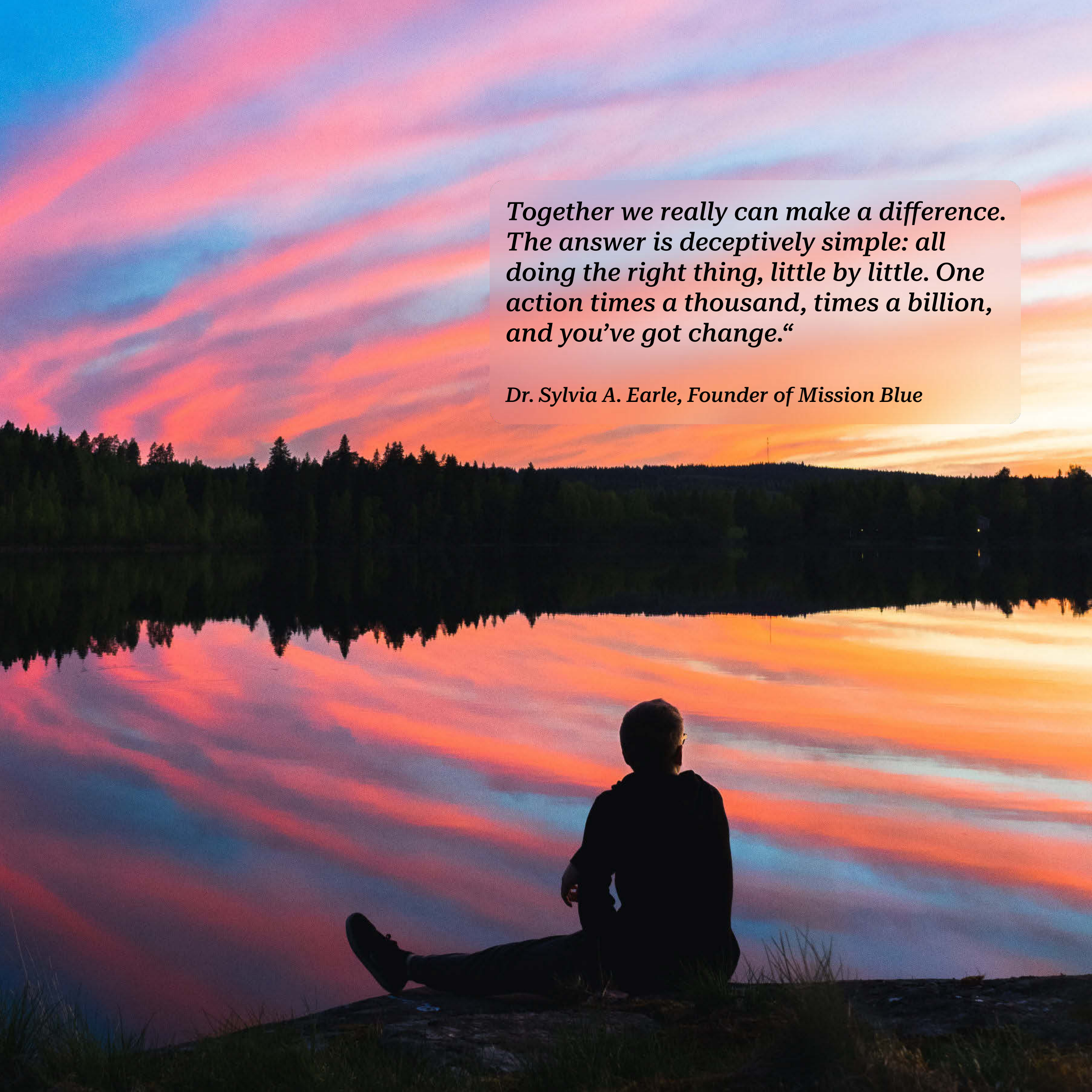
though the immense benefits are absolutely worth the investment to bring the visions our future alive.

We encourage YOU, the dreamers of faraway places ...

Slow down, unplug, and enjoy a true vacation; embrace everything that our wonderful world has to offer. Rather than rushing through the must-see spots on a photo bucket checklist, treat each moment as an opportunity to learn, feel, and relate more deeply to the people, culture, and cuisine of these incredible places on your journey. Seek to be sustainable through experiences that positively impact local communities, the environment, and improve your well-being.

Explore our world in a way that allows you to become part of amazing moments that re-energize your own life force.



A person is sitting on a rocky shore, looking out over a calm lake. The sky is filled with vibrant, streaky clouds in shades of pink, orange, and blue, reflecting in the water. The shoreline is dark, and the trees in the background are silhouetted against the bright sky.

*Together we really can make a difference.
The answer is deceptively simple: all
doing the right thing, little by little. One
action times a thousand, times a billion,
and you've got change."*

Dr. Sylvia A. Earle, Founder of Mission Blue



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Also on Land, We Strive to do the Right Thing

Our AQUA•TERRA and TERRA experiences

Though TradeWinds' dream began with exclusive sailing vacations, our **AQUA** experiences, living sustainability is also a strong focus for our land-based **TERRA** experiences and **AQUA•TERRA** sail and stay curated adventures.

In particular, Mandala Island in Nukunono, Tonga, is a shining example of environmental sustainability, having been lovingly designed to complement the natural, tropical surroundings. On this private island paradise, the TradeWinds' team used sustainable materials to construct hand-crafted treehouses and "fale" (huts) with living roofs. The island runs 100 % on solar power, and almost everything pertaining to the experience is locally sourced.

During this fully immersive week, this is where our dream vacations become reality in-

spired by all Mother Nature provides. In this remote island nation in the Pacific, your journey exploring the Kingdom of Tonga will be even more special than you can imagine.

Guests are uniquely blessed to witness the first sunrise of every new day, breathing in the freshest air on the planet. Sailing through an exquisite, renowned archipelago with calm, lagoon-like waters, we explore a crystal-clear underwater wonderland with abundant and thriving sea life and caves with mysterious splendor.

During this eco-experience, we traverse a neighboring island driving our fully electric carts to spectacular overlooks, for the perfect blend of adventure and relaxation. We learn about the local Tongan culture enjoying local flavors and ceremonial

traditions; immersed in a genuine sense of relaxation, feeling as time has stood still.

You will absolutely fall in love with this place, where all is in harmony with nature.

Additionally, our **AQUA•TERRA** and **TERRA** experiences on the islands of Bequia and Mayreau of St Vincent and the Grenadines in the Southern Caribbean, as well as Château Alizés in France all highlight sustainable efforts and local enrichment for the most memorable vacation experiences.



2. THE DAWN OF OUR SUN



SUSTAINABLE TOMORROW



*As Gandhi once said, “Earth provides enough to satisfy every man’s need, but not every man’s greed.”
Let us reduce our consumption, cherish and respect all that we have, and think twice before throwing anything away. Sustainability is not an option, it is a responsibility we owe to our planet and future generations.*

Edith Carvalho, TradeWinds’ Co-Founder



Raising Our Purpose

Every sustainable effort matters

The need for protecting the great ocean has been our awareness for a long time.

With two decades successfully sharing amazing adventures with our Members and Guests creating Happy Stories in remarkable destinations, the TradeWinds team is focused on developing a sustainable future for the Club, our communities and our planets fragile marine eco-system.

Along with our eco-initiatives, in 2019 our purpose rose higher than any other motivation. We took a difficult yet pivotal decision to not buy any more yachts until new technologies would allow for an innovative, carbon-free yacht based on renewable energies, which would gradually replace our exist-

ing fleet and on target to become emission-free.

Business-wise, though we did anticipate this decision would be impactful and, in some ways, difficult; we knew it was the right thing to do.

Our commitment to better our future remained strong, and we are proud to say our progressive and ambitious plans remained right on track!

Taking a leadership role in the yacht community by investing exclusively in environmentally friendly yachts, after just four years in collaboration with our renowned yacht building partner Fountaine Pajot, the vision of our sustainable future sailing luxurious catamarans with autonomous clean energies has come true!

Our brand-new sustainable yachts are introduced to our **AQUA** experiences in 2023.

100 % electric using wind, renewable solar and hydropower energies along with hydrogen power technology to prolong autonomy, the new sustainable yachts will revolutionize our luxury vacation experiences with silent, vibration-free emission-free sailing.

The innovative technology is the ideal solution to enjoy the sea and protect the awe-inspiring marine eco-systems that we cherish, allowing for an even greater luxury vacation with exceptional comfort.



Photo shows sister vessel

Photo shows sister vessel



Reducing Noise, Vibration, Fumes and Emission



Introducing **AURORA**

Our **FIRST** sustainable Electric Yacht
announced April 2023

A momentous partnership between TradeWinds and renowned French yacht builder, Fountaine Pajot, the launch of *AURORA* is a significant milestone for our Members, our Team, and **AQUA** experiences; the realization of our sustainable future together.

THE MEANING OF “AURORA”

Of Latin origin meaning “dawn” and the name of a Roman goddess, Aurora awakens the day with bright, renewed energy. Aurora is an illumination of hope, improvement and the wonderful future that awaits in the adventures and happiness we seek.

Furthermore, the natural phenomenon of bright dancing lights called the Aurora Borealis, is the result of

energetic electrically charged particles streaming from the sun colliding with air particles as they enter the earth’s atmosphere.

The dawn of TradeWinds’ sustainable tomorrow is *AURORA*.

Integrated with renewable energy production and hydrogen powered solutions for emission free sailing, these new technologies greatly enhance our Guests’ experiences by providing more energy for an abundance of comforts and luxuries aboard.

Excitedly, even **MORE sustainable yachts** will soon be added to TradeWinds’ worldwide fleet!

Sustainable Luxury with Abundant Comfort

AURORA inspires
relaxing together in luxury

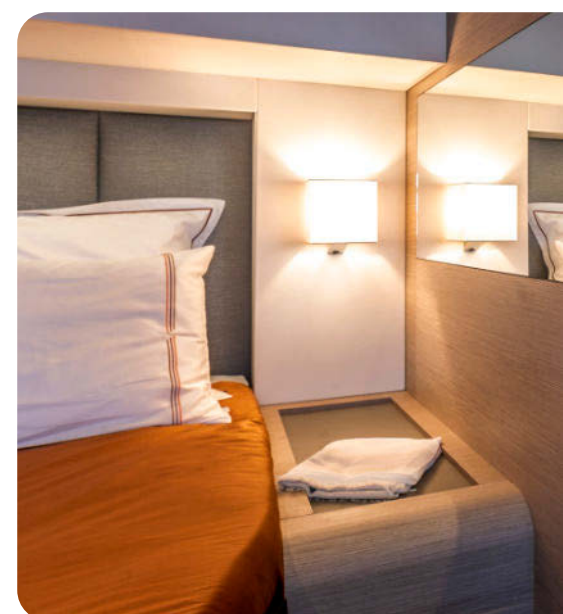
With unrivaled living space, intelligent design and dynamic performance, *AURORA* delivers a luxury vacation experience without compromise. A custom-built **Fountaine Pajot Smart Electric** yacht with REXH₂ technology, sailing catamaran **TradeWinds' AURORA** is the very first hydrogen-powered cruising catamaran with renewable energy production for **silent, vibration-free, emissions free sailing**.

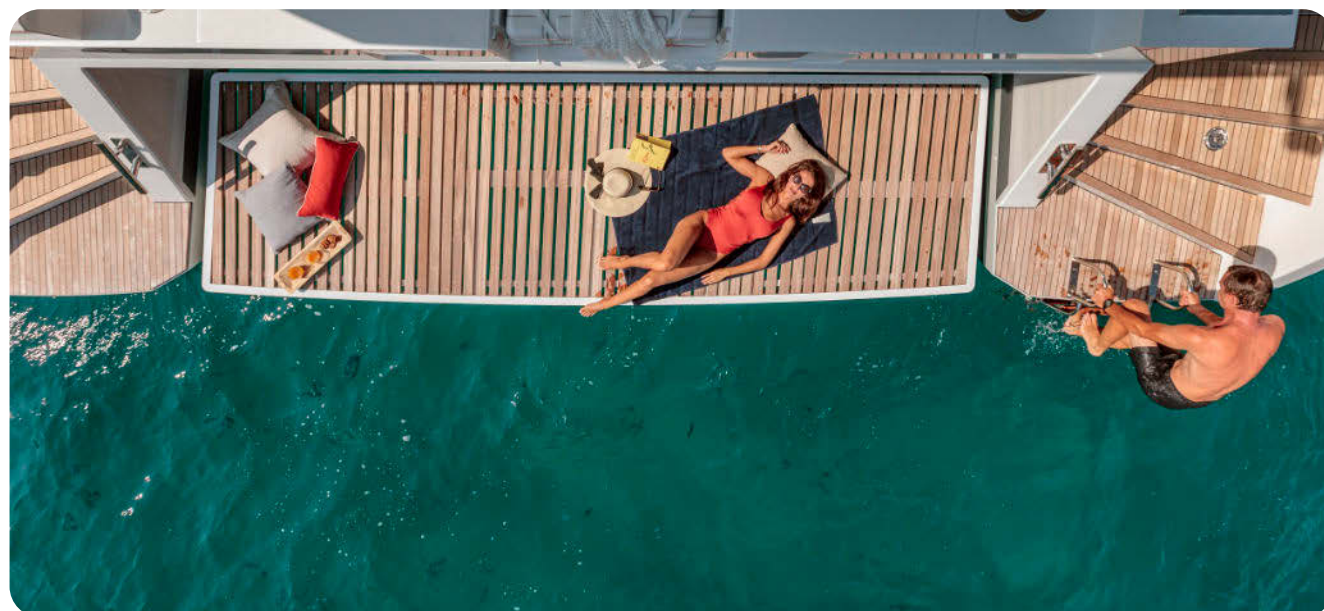
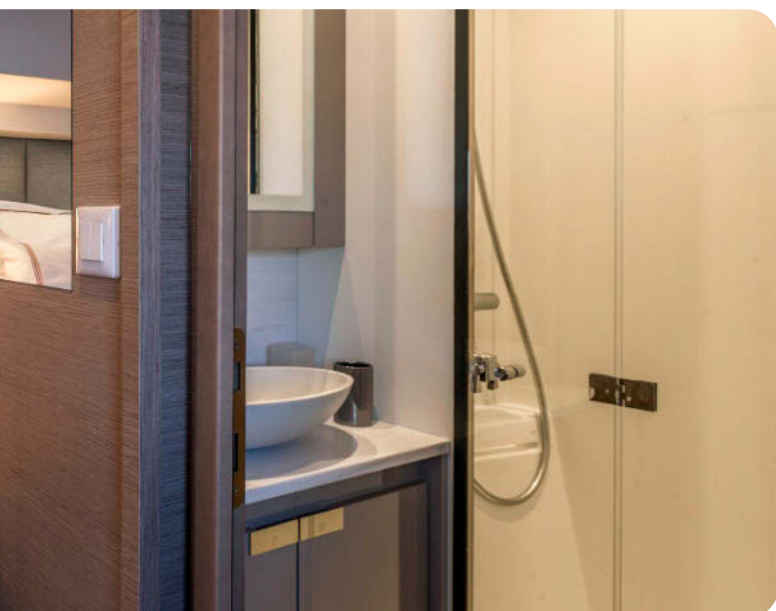
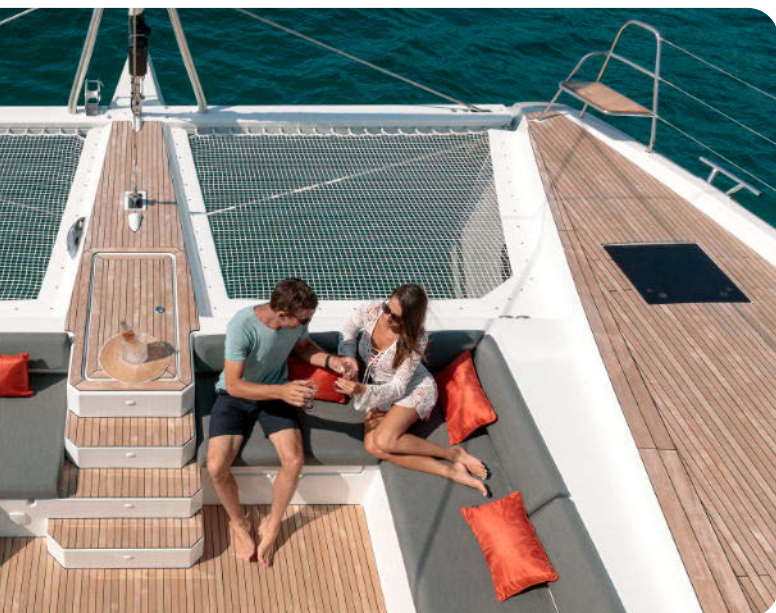
These new technologies will vastly improve your luxury vacation experience. All yacht systems and appliances, such as air conditioning, and a highly efficient electric motor for propulsion are powered with green, clean, and renewable autonomous energy.

AURORA has five standard guest cabins accommodating up to 10 passengers, plus one cabin for your talented TradeWinds' Captain and First Mate/Chef team. All generously sized ensuite cabins have window facing, walk around queen size beds

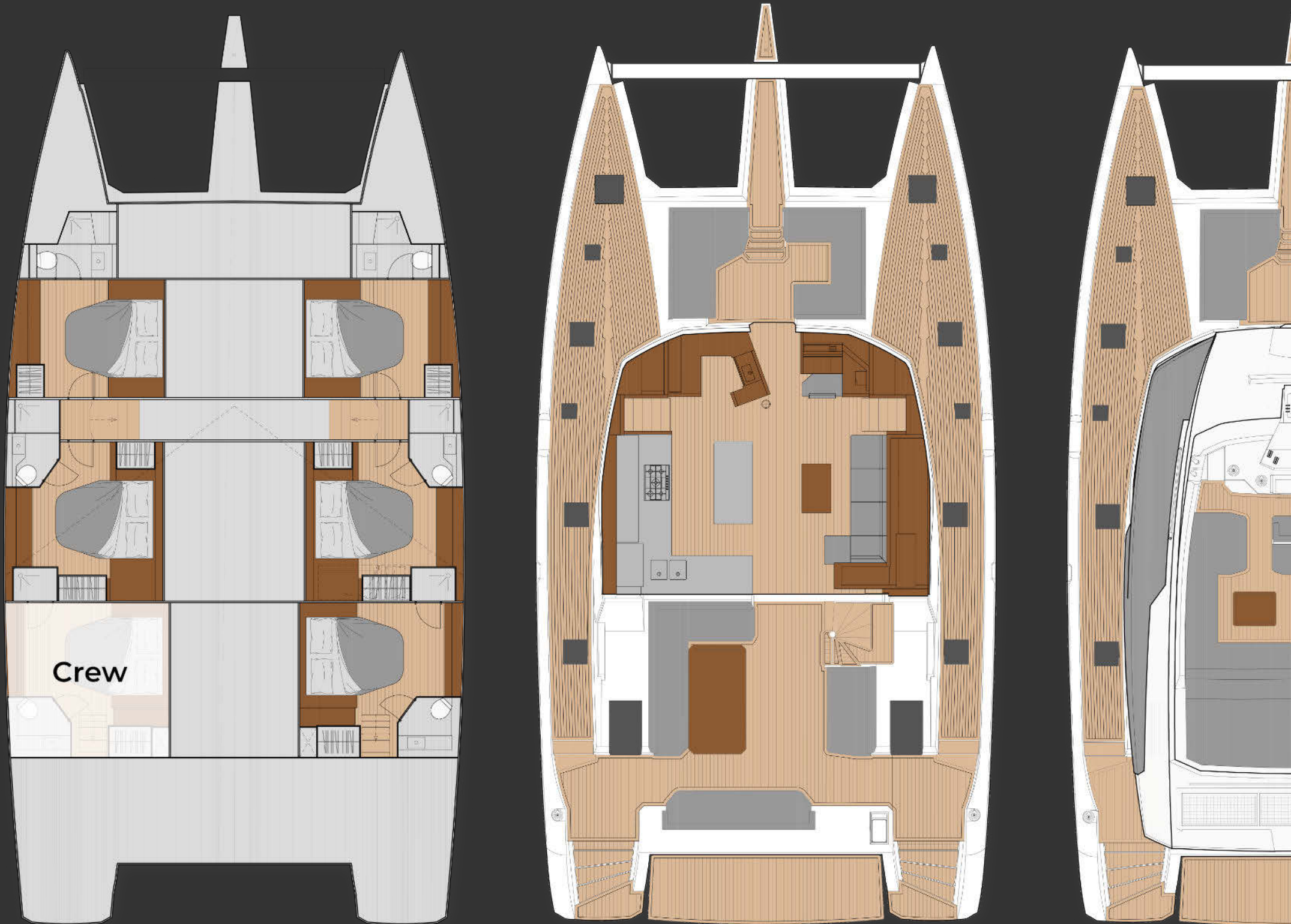
Experience the thrill of high-performance sailing and enjoy a whole new level of luxury with unsurpassed comfort.

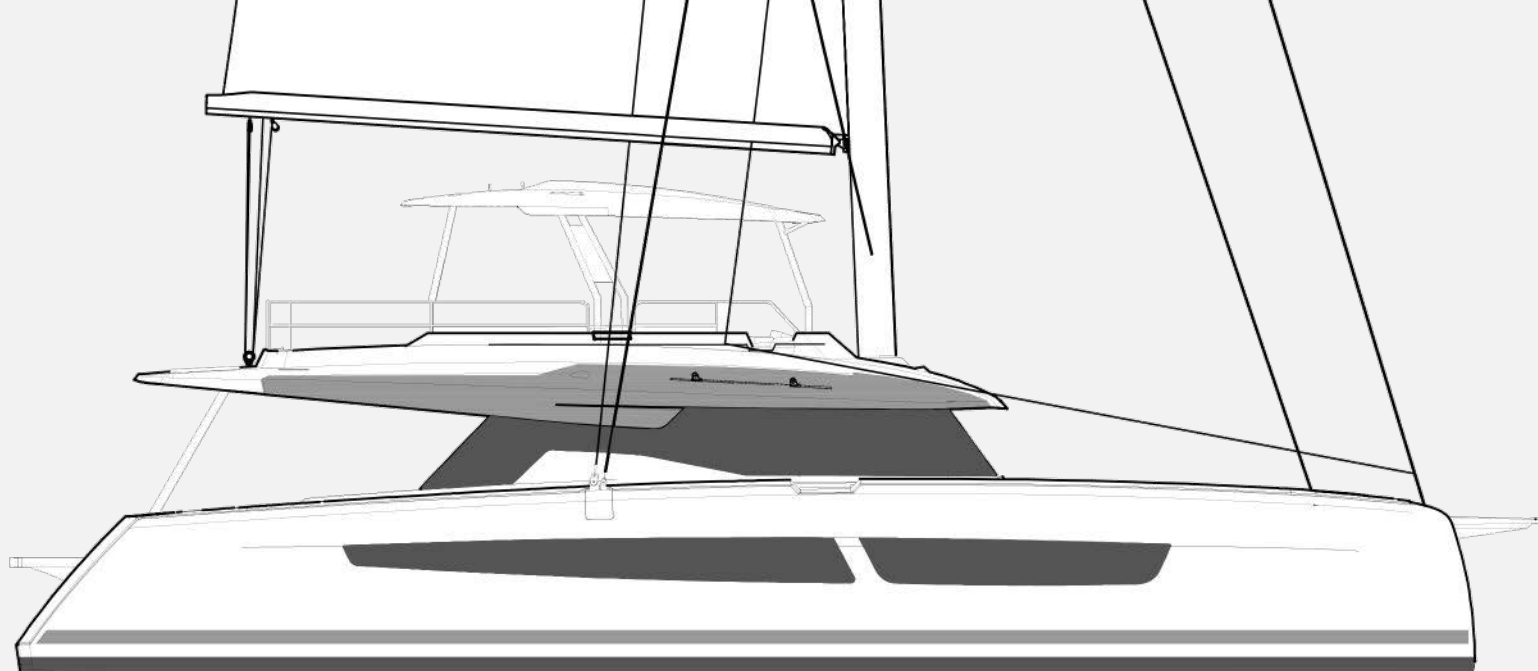
Step directly from the spacious saloon to a decadent foredeck with modular sunbathing stations. Reflect in your new memories made while enjoying Captain's cocktails during sunset from *AURORA's* covered fly-bridge with breathtaking dimensions and dual access points.





AURORA – TradeWinds’ FIRST Electric Yacht





SPECIFICATIONS

overall length	61.6 ft / 18.78 m
overall beam	31.0 ft / 9.46 m
draft	5.4 ft / 1,65 m
light displacement	28.2 t
main sail area	1255 sq ft / 117 m ²
genoa area	941 sq ft / 87 m ²
fresh water	304 US gal / 1150 l
guest cabins	5, all queen-size beds and en suite baths
cockpit	301 sq ft / 28 m ²
flybridge	323 sq ft / 30 m ²
2 electric motors	50 kW each with 9.6 kn max. speed
2 regenerating propellers	
1 lithium battery pack	64 kW
REXH ₂ Hydrogen Generator	70 kW
hydrogen storage	37 lb / 16.8 kg
solar input	8.5 kW
diesel generator	40 kW
24V DC / 230 V AC converter	12 kW

2 7" monitoring screens at helm station and chart table
fully automated energy management



The Dawn of our Sustainable Fleet

Furthering our investment for clean energy

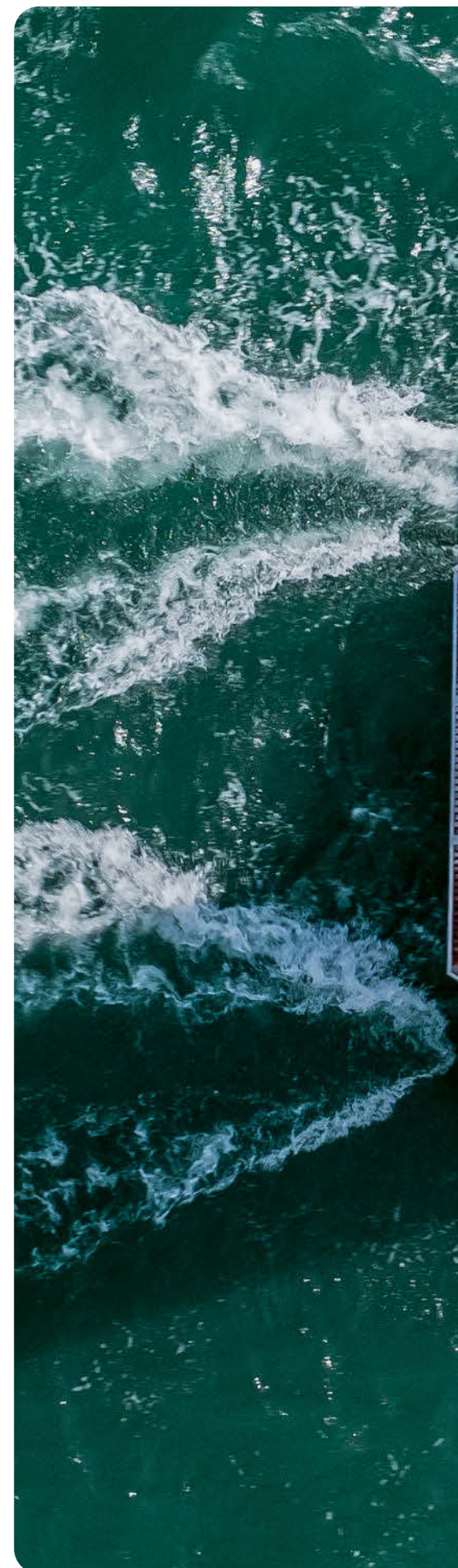
Progressing through the long-term plans of our new sustainable fleet, our second and third sustainable yachts will arrive soon after *AURORA*! With our commitment of sustainability, ALL new catamarans introduced to our fleet and **AQUA** experiences will be equipped with electric technologies for comfortable, carbon-free cruising.

Another outstanding collaboration with Fountain Pajot, our Smart Electric sailing catamaran named *TWENTY5*, features an innovative deck design that is easier to move around for even more space and comfort. With a complete opening between the saloon and the cockpit for a fully shaded 360-degree view,

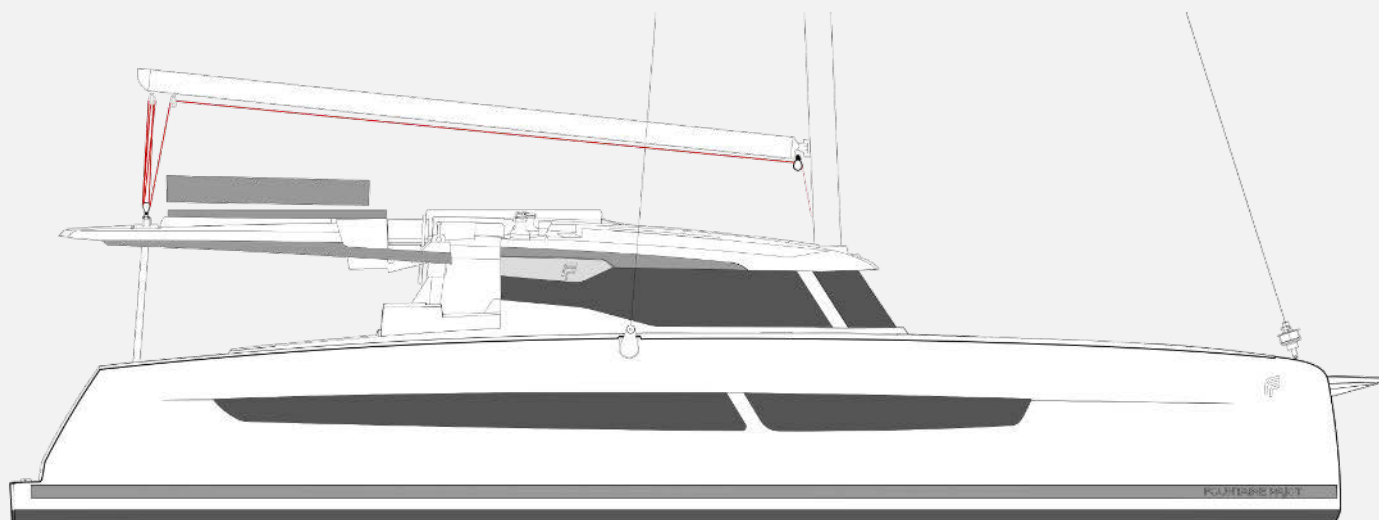
TWENTY5 offers an even greater feeling of freedom and space. The large flybridge, with its friendly lounge and sunbathing area, is fitted with solar panels that are totally flush decked.

TWENTY5 is undeniably a comfortable and sustainable cruising catamaran that is pleasant to live aboard and respectful of the environment. This beautiful yacht is named *TWENTY5* as her launch will coincide with the 25th year of TradeWinds.

As TradeWinds continues to introduce even more sustainable yachts, the aim is for our fleet to be fully emission-free within 10 years.







SPECIFICATIONS

overall length	51 ft / 15.54 m
overall beam	26.5 ft / 8.08 m
draft	5.18 ft / 1.58 m
light displacement	18.1 t
main sail area	1023 sq ft / 95 m ²
genoa area	635 sq ft ² / 59 m ²
fresh water	237.75 US gal / 900 l

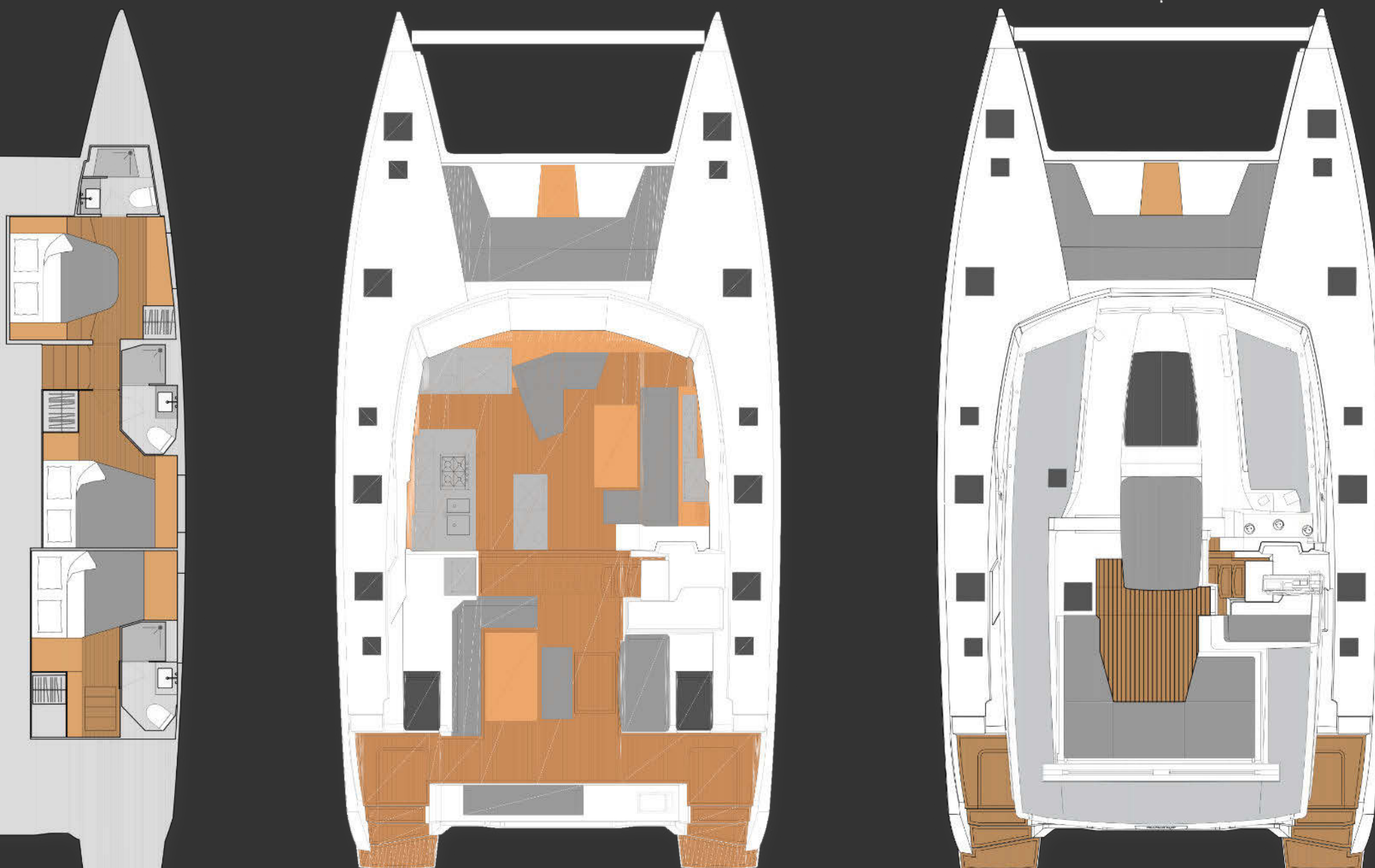
guest cabins	5, all queen-size beds and en suite baths
flybridge	174 sq ft / 16.2 m ²

2 fixed electric pods	25 kW each
2 regenerating propellers	
2 lithium battery pack	21 kW/h each
solar input	2 kW
diesel generator	40 kW
automatic genset	32 kW
12V DC / 230V AC converter	12 kW

2 7" monitoring screens at helm station and chart table
fully automated energy management



TWENTY5 – Towards a Zero-Emission Fleet





Conscious Energy Consumption

Every degree makes a difference

Just like in your home, also on a yacht air-conditioning consumes the greatest amount of energy.

Even with systems powered by renewable energies that run the air conditioning through the night, it is essential that we all practice conscious energy consumption to ensure this comfort is available. We believe a good balance between minimizing environmental impact and offering luxury is possible.

First and foremost, we encouraged you to appreciate and enjoy the natural breeze by opening the hatches. This is the same sea breeze that allows us to sail in the first place!

Additionally, instead of lowering the temperature to be so low that a blanket is needed, we encourage guests to sleep sustainably by setting your individual cabin thermostats for ideal energy optimization.

According to the Department of Energy, 78° F (25.5° C) is the sweet spot to appropriately balance energy consumption and comfort.

To be cool in warm tropical climates, beds aboard TradeWinds yachts are made with Percale weave cotton blend sheets, sourced from a company with sustainable practices that cares for the planet. These sheets epitomize the cool, crisp feeling typical of a luxury hotel suite, woven with a tight “one over, one under” airy structure for a breathable feel. In fact, Percale sheets are often considered the BEST sheet for people who tend to sleep hot.

These sheets were intentionally selected, knowing that when set to the ideal temperature of 78° F, our Guests can rest assured that they will have a comfortable slumber.

Yes, just in case you get too cold – there is a blanket in every cabin.



3. LIFE BELOW



LOW WATER





If we want to continue to enjoy all that the ocean has to offer, we need to act NOW.

*Romain Motteau,
Deputy Ceo Of Fountaine Pajot*



The Ocean's Role

and Carbon's environmental impact

During the development of Fountaine Pajot's new **Smart Electric** sustainable yachts, an in-depth study was completed using the internationally recognized GHG protocols, a standardized framework to measure and manage greenhouse gas emission. Part of Fountaine Pajot's collaborative **ODSea Lab (Observe, Design & Save)** pro-

gram, this study assessed the environmental impact of their yachts.

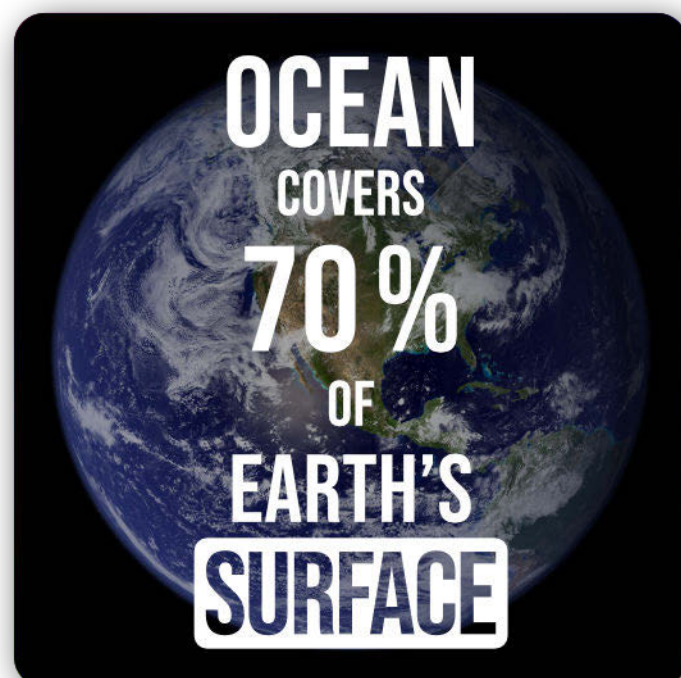
THE RESULTS

Today, the total Carbon Footprint of a yacht is:

- 80% from use, especially the engine using fossil energies
- 20% from production and building materials

YOU MIGHT BE WONDERING: WHY DOES THIS MATTER?

Covering 70% of our blue planet, containing 97% of all Earth's water, producing over half of the world's oxygen, and home to 94% of species globally, the ocean is Earth's largest eco-system and essential to our existence.



Energy created when burning fossil fuels releases large amounts of harmful, toxic, carbon dioxide (CO₂) emissions trapping heat in our atmosphere, the dominant cause of global warming, and negatively impacts the ocean's vulnerable marine eco-systems. The ocean absorbs around one quarter of the world's annual CO₂ emissions (the

largest carbon sink) and captures 90 % of the excess heat generated from these emissions.

WHAT DIFFERENCE WILL SUSTAINABLE YACHTS MAKE?

Yachts powered by renewable energy sources, built with virtuous practices and with managed life cycles enable us to significantly limit

our impact on the environment. Responding to the growing commitment to preserve our ocean, we are invested in being active agents of the change we wish to see in the world.



Life Below Water

Sustainability is essential to our great ocean

Today, our excessive consumption of fossil fuels unbalances Earth's natural cycle, warms our waters, and threatens the health of all organisms, food security and livelihood of local and global economies.

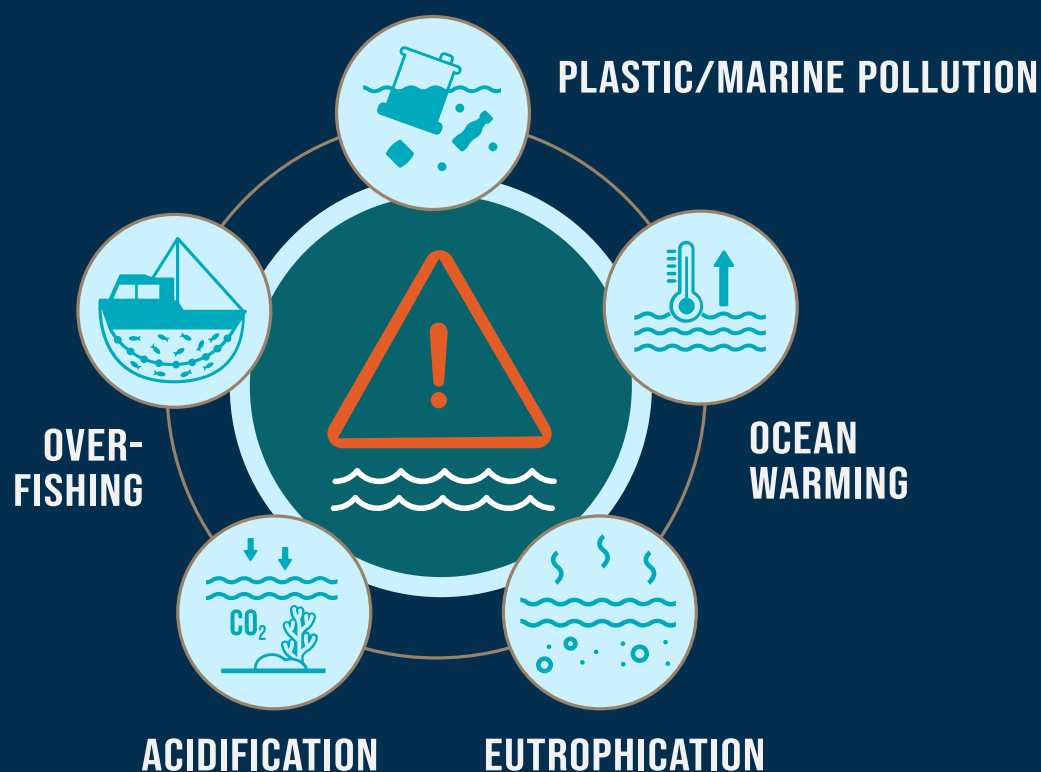
Often called "climate change's evil twin", ocean acidification is caused by the overload of carbon dioxide (CO₂) in our ocean by reducing its pH, the "power of hydrogen". This destructive condition erodes the

minerals that oysters, clams, lobsters, shrimp, coral reefs, some seaweed plants, and other marine life use to build their shells and skeletons.

The warming of our oceans contributes to sea levels rising, ocean heat waves and coral bleaching, and melting of ocean-terminating glaciers and ice sheets. Human activities also pollute our ocean with noise and vibrations that interfere

with marine-life's ability to communicate and hear environmental cues that are vital for their survival.

Sustainable Development Goal 14: Life Below Water is about conserving and sustainably using the ocean, seas, and marine resources. The 10 targets of SDG14 to create action to conserve and sustainably use the oceans are:



INCREASING ACIDIFICATION
IS THREATENING MARINE LIFE AND
LIMITING THE OCEAN'S CAPACITY
TO MODERATE CLIMATE CHANGE

THE OCEAN **ABSORBS** AROUND **1/4**
OF GLOBAL ANNUAL **CO₂ EMISSIONS**

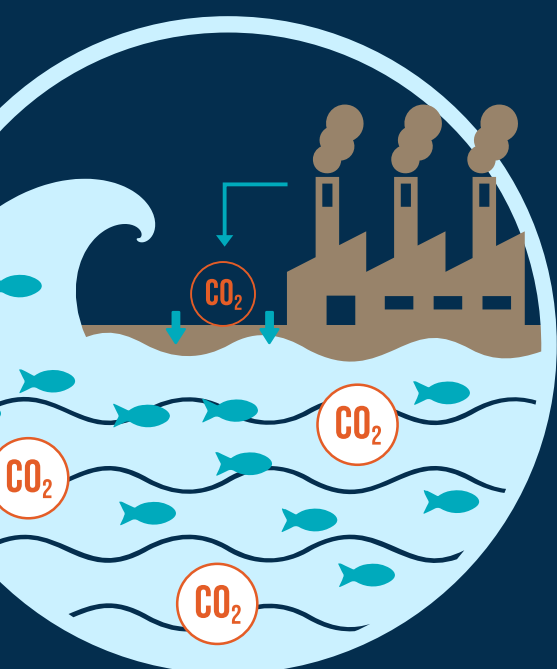
- 14.1 Reduce marine pollution from plastics,
- 14.2 protect and restore ecosystems,
- 14.3 reduce ocean acidification,
- 14.4 sustainable fishing,
- 14.4 conserve coastal and marine areas,
- 14.6 end subsidies contributing to overfishing,
- 14.7 increase the economic benefits from sustainable use of marine resources,

- 14.8 increase scientific knowledge, research and technology for ocean health,
- 14.9 support small scale fishers,
- 14.10 implement and enforce international sea law.

Adding even greater momentum to the sustainability of our ocean, in 2023 over 190 countries reached a historic agreement with the **United Nations High Seas Treaty**.

This world-changing agreement will place 30% of the world's oceans into designated protected areas by 2030 and help ensure the biodiversity of international waters and sustainable development.

Our attention and efforts to help and heal our ocean and our environment is paramount.



PLASTIC POLLUTION IS CHOKING THE OCEAN

**17+ MILLION METRIC TONS
OF PLASTIC ENTERED
THE OCEAN IN 2021**

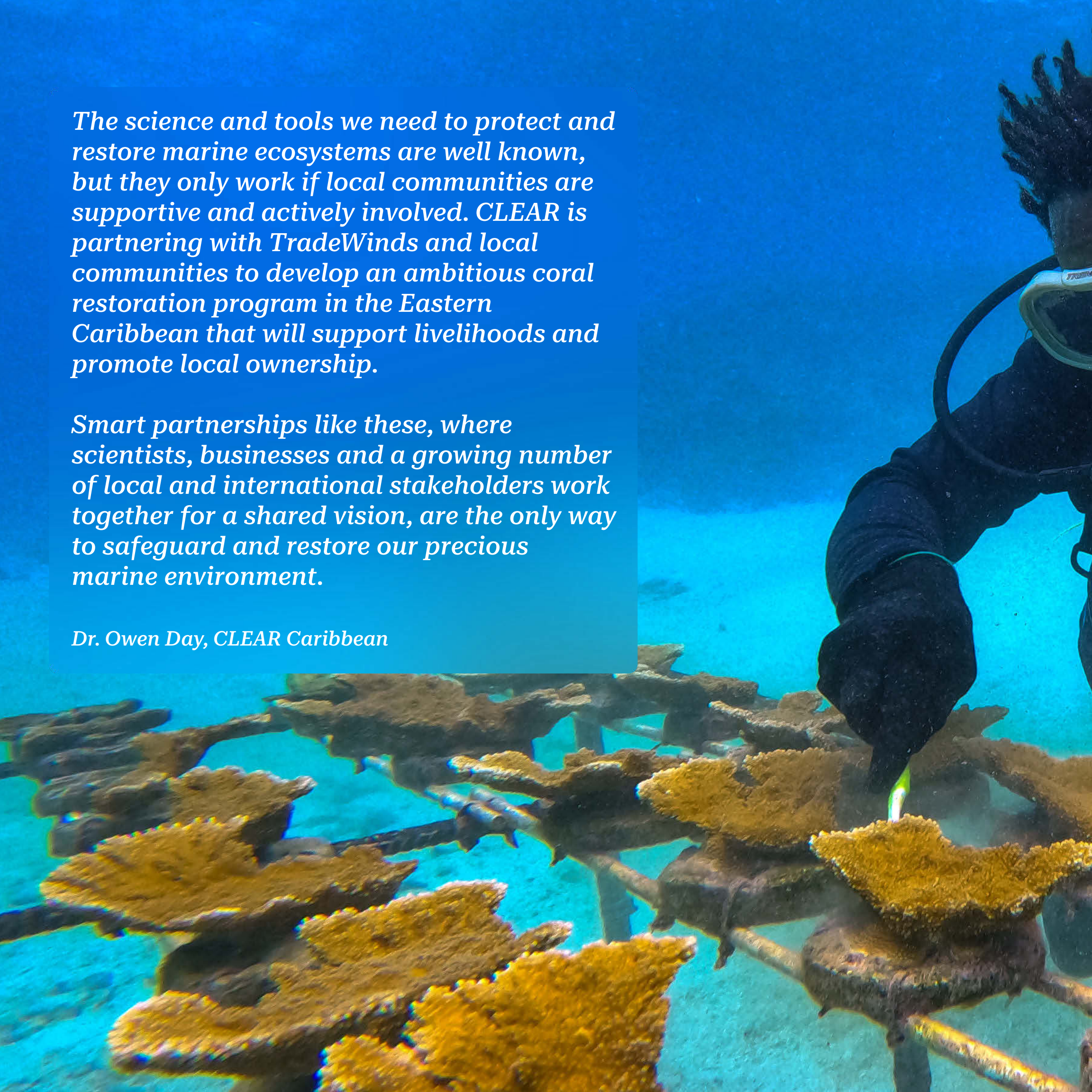
**PROJECTED TO DOUBLE OR
TRIPLE BY 2040**



The science and tools we need to protect and restore marine ecosystems are well known, but they only work if local communities are supportive and actively involved. CLEAR is partnering with TradeWinds and local communities to develop an ambitious coral restoration program in the Eastern Caribbean that will support livelihoods and promote local ownership.

Smart partnerships like these, where scientists, businesses and a growing number of local and international stakeholders work together for a shared vision, are the only way to safeguard and restore our precious marine environment.

Dr. Owen Day, CLEAR Caribbean





Bringing Life back to Vulnerable Eco-Systems

The ocean remains our mystery.

More than 80% of the ocean has never been mapped, explored, or even seen by humans – yet unfortunately we already see the damage done.

TradeWinds supports not-for-profit companies with inspiring reef restoration projects and coral nurseries in various areas across our great ocean. These projects help ensure the livelihood of these highly important yet vulnerable eco-systems.

Our very first catamaran, *Turquoise Dreams*, was recently donated to CLEAR Caribbean in support of their reef restoration program in the southern Grenadines. Although retired from the fleet several years

ago, this beautiful iconic lady has come full circle, being transformed into a floating educational platform in the Tobago Cays Marine Park. Here visitors will learn about the remarkable efforts to help rebuild the magnificent reefs of the Caribbean, so this large eco-system will flourish once again!

The TradeWinds team also works closely with various CLEAR Caribbean projects though the year.

Using proven restoration techniques to propagate and outplant coral fragments at scale and training community-based coral gardeners to manage the new coral nurseries, reef restoration teams plant thousands of corals with high genetic diversity in marine protected areas.



4. OUR SHARED VISION OF



OF ENERGY INNOVATION





Striving to improve at all times, with greater use of our sails and utilising clean energies to power our Catamarans, we are moving to the next level.

Ian Ingram, TradeWinds' Fleet Manager



Powered by Nature

Sailing has always had the potential to be green and clean

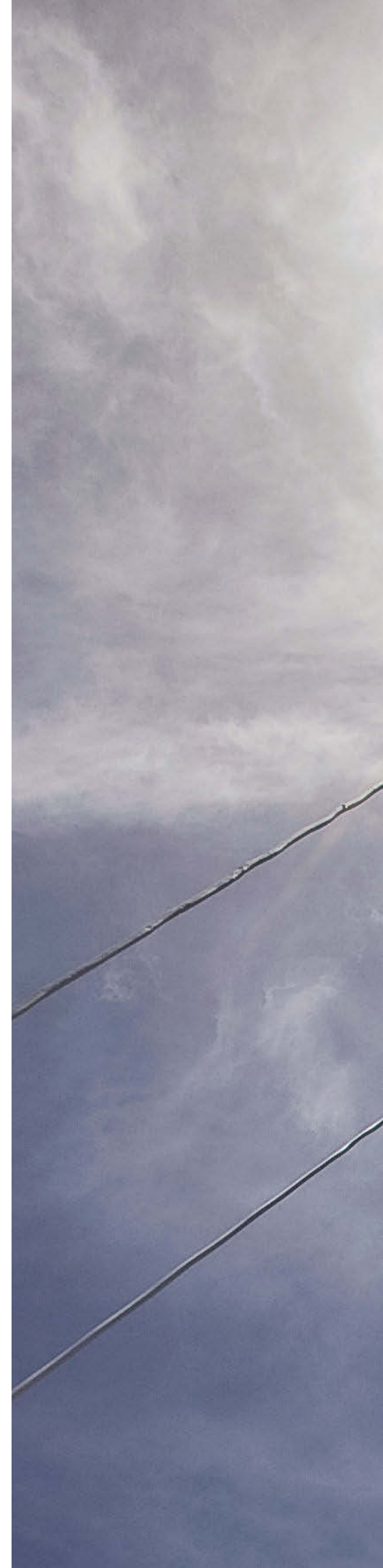
From the earliest ancient sailing vessels in 4000 B.C. moving across the Mediterranean Sea, then following the trade winds during the first Circumnavigation of our planet from 1519, for thousands of years, people have ventured towards the open sea.


It became the luxuries and comforts aboard, such as air conditioning, refrigeration, navigation equipment, and mechanics, which required more energy than wind could provide. This power traditionally came from burning fossil fuel which releases large amounts of harmful toxic emission trapping heat in our atmosphere and negatively impacting our ocean.

Interestingly, electric motors were first introduced in the early 1800s,

which allowed for several advancements in transportation. Though commercial manufacturing of electric ships and boats was historically impractical due to large, heavy batteries that were difficult to recharge. With advancements in solar panels, electric boats experienced a revival in the 1980s and remain a popular source for renewable energy.

Additional challenges in creating sustainable, low-carbon cruising vessels included the overall lack of demand, high costs and complicated infrastructure. Low storage capacities on expensive batteries and limited solar panel space, resulted in issues with poor range and the necessity to continue relying heavily on fossil fuels.





Today, our sailing boats are already hybrids – thanks to wind. What we can change is [...] adopting a better use of the sails and powering our yachts thanks to electric motors fueled by renewable energies.

Fountaine Pajot



TRADEWINDS



FOUNTAINE PAJOT®



Sailing the world since 1976

Our Collaboration in a Sustainable Eco-System

Partnerships for the Goals

In 2009, TradeWinds initiated a major investment program with the renowned French yacht builder Fountaine Pajot for purpose-built catamarans. This collaboration successfully introduced our TW50, TW52, TW59, TW60, TW70, TW6 and TW7 sailing catamarans to our worldwide vacation experience program.

The development and growth of TradeWinds' **AQUA**, **AQUA•TERRA**, and **TERRA** experiences have been based on our Members' feedback, all the while remaining in harmony with the natural world.

Being active agents of change, in 2019 the progress of our partnership with Fountaine Pajot was re-

talized with our shared vision of developing carbon-free cruising yachts powered by clean energies.

Aligned with the **Sustainable Development Goal #17: Partnerships for the Goals**, the objective of this collaboration has always been to be innovative leaders inspired by creativity and consciousness to further our commitment to sustainable actions.

The Sustainable Development Goals can only be realized with a strong commitment to global partnership and cooperation built upon principles, values, and shared vision. Sharing these goals worldwide place people and the planet at the center.

An Aspiring Project to Decarbonize Cruising

At Fountaine Pajot, the sea is above all a love story.

Fountaine Pajot's Smart Electric X REXH₂ yachts are the result of the collective energy of leaders in the environmental transition in boating; an ambitious objective to design fully electric yachts and develop a new experience of life on board and use.

This innovative and collaborative effort of several companies is a progressive dynamic with worldwide partners recognized for their expertise in vessel design, tourism, power electronics, energy management, and maritime propulsion.

This system incorporates a powerful and highly efficient, custom-made electric motor and energy flow system to manage energy production.

Fountaine Pajot's collaborative Odyssea24 plan focuses on three themes:

1. ENERGY OPTIMIZATION

Access to 100 % carbon-free energy from green, clean, and renewable sources such as solar power, wind power, and hydropower regeneration when the yacht is under sail. This energy powers the comforts and luxuries of all appliances, refrigeration, all yachts systems, and electrical motor – known as the Smart Electric system.

Collected energy is stored in high-capacity lithium batteries allowing for several hours of motoring, ensuring self-sufficiency of comforts and luxuries on board for an emissions free experience.





Initially a hybrid of electrical and thermal energies to limit fuel consumption, the experience will be elevated even further for yachts with an onboard hydrogen-powered silent solution which includes H₂ storage and a REXH₂ hydrogen fuel cell from EODev (Energy Observer Developments). Where local green hydrogen refueling facilities are available, the renewable energy sources combined with hydrogen power fully eliminates the use of fossil fuels.

2. REDUCING THE IMPACT OF WASTE

Reduce the use of plastic water bottles, equipped with innovations such a freshwater generator powered by renewable energy that desalinizes and mineralizes sea water.



3. SUSTAINABLE MANUFACTURING PROCESSES

With Fountaine Pajot's strong commitment to limit the carbon footprint, each catamaran is custom-built with virtuous materials that are recycled, organic and recyclable, with an improved manufacturing process. Shipyard facilities are equipped with renewable energy sources to reduce environmental impact.

To continue improving the quality of their yachts, Fountaine Pajot is also focused on constantly refining work conditions, developing training and versatility in their workshops, and utilize clean producing practices that limit and recycle waste, consume less, and manufacture locally when possible.

Renewable Energy Solutions

Virtuous and autonomous energy production while cruising

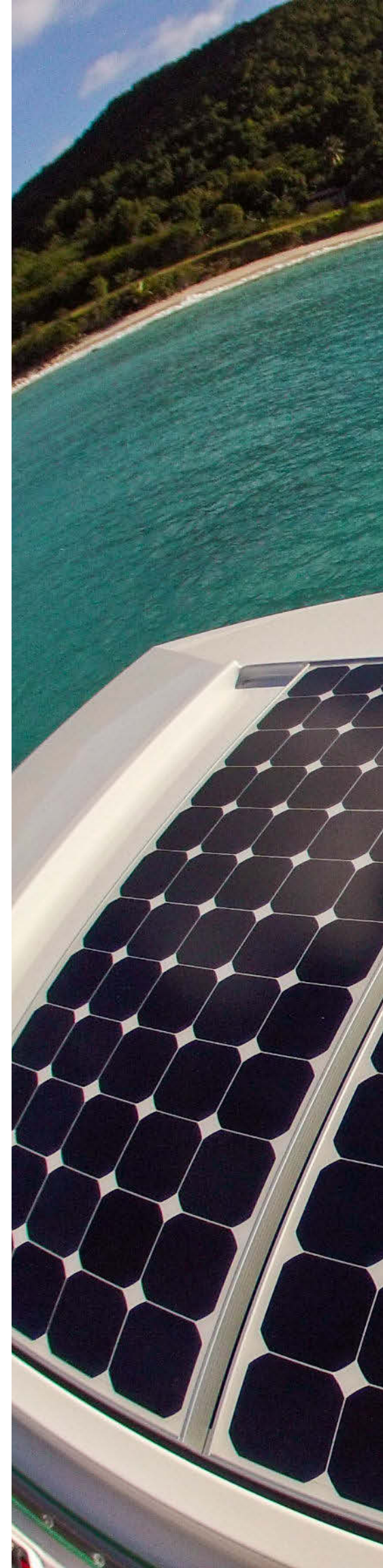
Our sustainable catamarans are powered with green, clean, and renewable energy produced aboard for carbon-free cruising. The goal is an energy autonomous: fully functioning through the collection, production, storage, and distribution of energy, creating a clean and sustainable system.

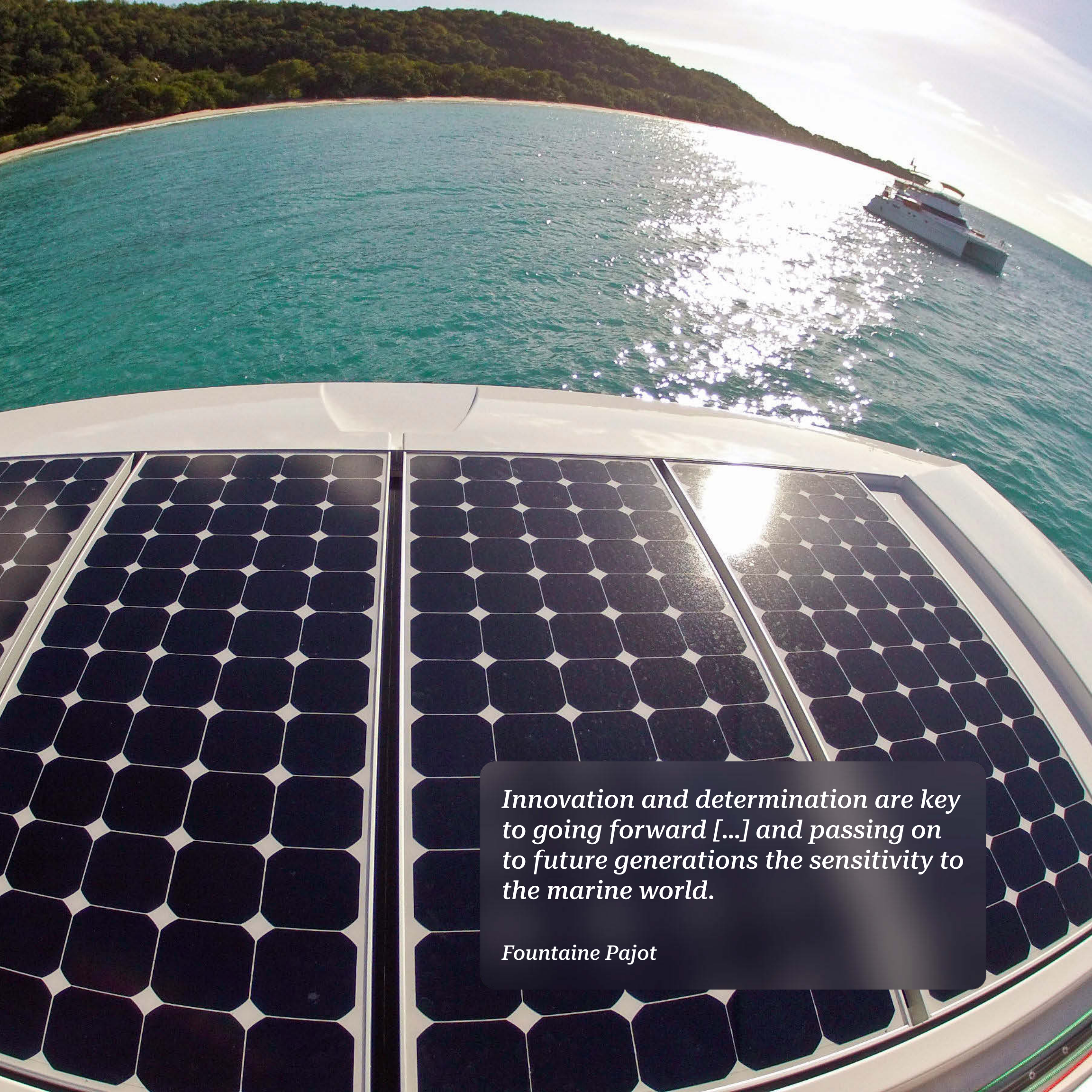
GREEN ENERGY, CLEAN ENERGY, RENEWABLE ENERGY – WHAT IS THE DIFFERENCE?

Quite simply, **Green energy** comes from natural sources, such as the sun, **Clean energies** are those types which do not release pollutants into the air, and **Renewable energy** comes from natural sources, constantly being replenished, does not run out, and have a low- or zero-carbon footprint.

Renewable energy is far from a new concept. Solar energy was harnessed as early as the 7th century B.C. reflecting sunlight off shiny objects to light fires. That same energy converted into electricity fully powers all necessities for life aboard the International Space Station and satellites above.

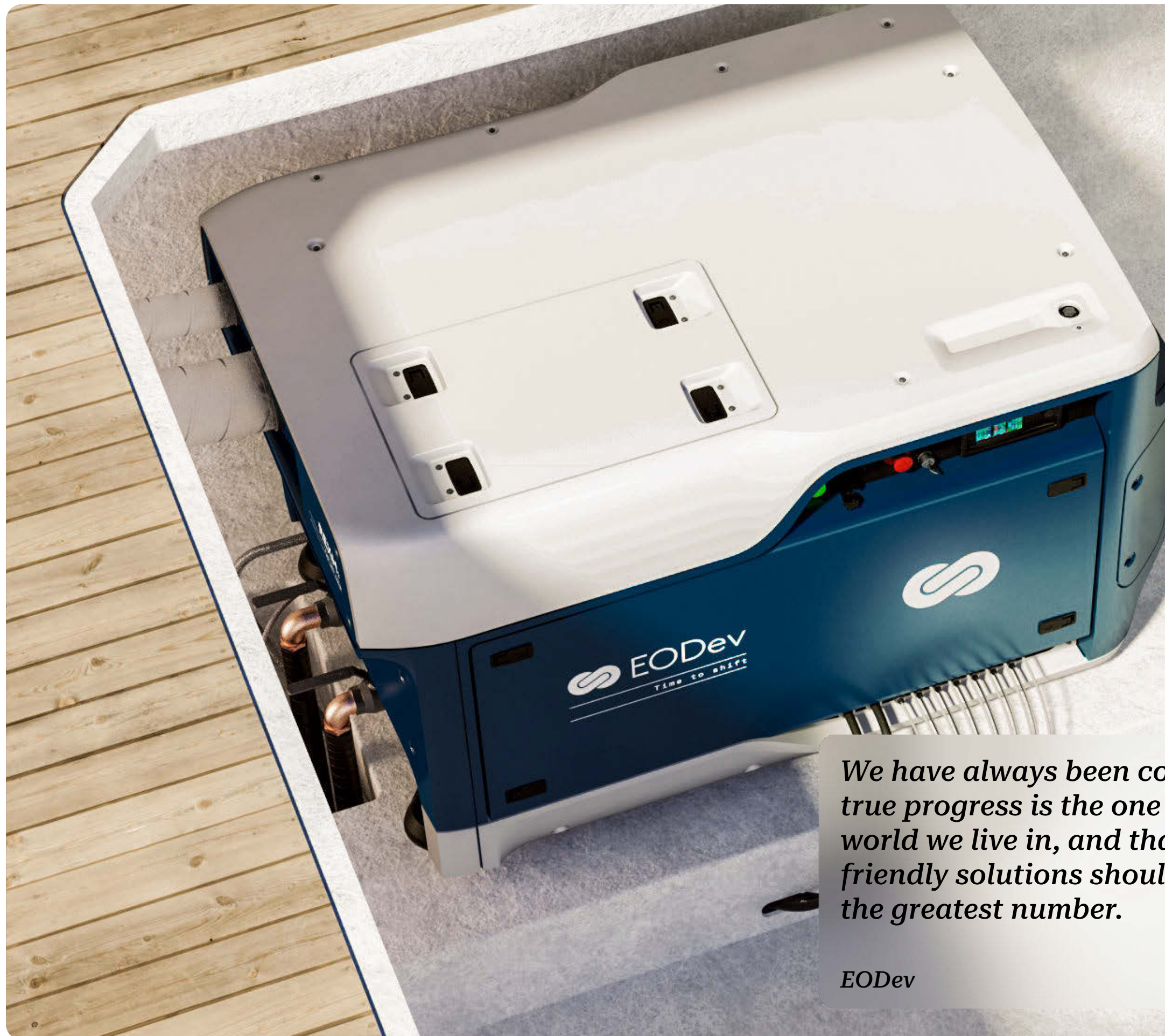
A perfect clean energy mix occurs when green energy meets renewable energy, such as the sustainable yachts' ability to collect solar power, wind power, and hydropower regenerating electricity with boat speed under sail to produce enough energy to power all the comforts aboard.





Innovation and determination are key to going forward [...] and passing on to future generations the sensitivity to the marine world.

Fontaine Pajot



Hydrogen

A green alternative fuel source

As an alternative to burning fossil fuels, which releases large amounts of harmful, toxic, carbon dioxide (CO₂) emission, hydrogen (H₂) has enormous potential as an environmentally friendly energy option.

Hydrogen is the most abundant element on our planet and a naturally occurring gas. Produced through the process of electrolysis, which uses electricity to split water (H₂O) into hydrogen and oxygen molecules, "Green hydrogen" is when the process is powered by renewable energy sources such as solar, wind, hydropower, geothermal, or biomass. Of all hydrogen colors, green is the cleanest produced as there is no harmful CO₂ by-product.

Compressed hydrogen stored aboard the yacht cleanly and efficiently regenerates electricity by combining it with oxygen through the REXH₂ Hydrogen fuel cell power gen-

erator from EODev (Energy Observer Developments). This energy generation is completely clean as the only by-product is water – completing the hydrogens cycle.

Not even sound is a by-product, as creating this energy is entirely a noise and vibration free process.

Where hydrogen refueling is available, all appliances for comforts aboard, the yachts systems, and electrical motor for propulsion are run from a combination of the stored renewable energy and hydrogen power; the most sustainable luxury sailing experience ever!

When the use of diesel remains necessary, the hybridization of the REXH₂ Hydrogen fuel cell system coupled with a diesel-electric unit allows for emission-free and noise-free navigation in protected areas, near ports and the coastline.

*onvinced that
respecting the
at our eco-
d benefit to*

Eco-Navigation

with autonomous energy

Offering new technologies for comforts – the goal for autonomous energy production is to provide more sustainable and respectful eco-navigation of our seas; a zero-emission experience marked by silence!

The yacht's powerful and highly efficient electric motors are custom designed with fixed and folding propellers to optimize performance. Under sail, the speed of the yacht is used with the motors in reverse hydrogeneration mode to generate energy and charge the batteries.

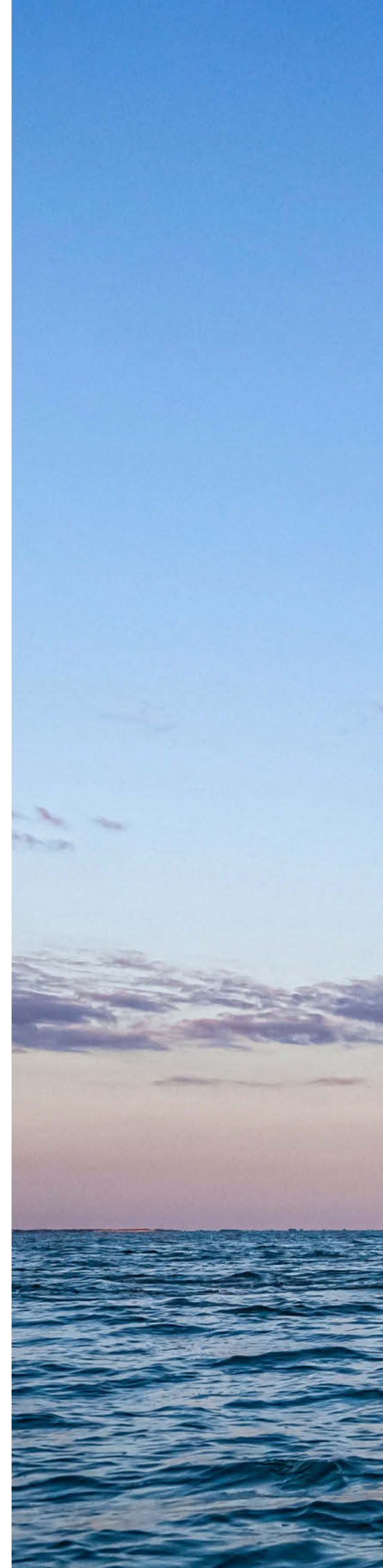
The more we sail, the more energy we produce!

Stable lithium technology for energy storage allows for both motoring the yacht when necessary and comforts aboard to be self-sufficient without

emissions. These sustainable yachts are also equipped with a single generator powerful enough to navigate all types of conditions to guarantee maximum autonomy and safety.

For sustainability and optimization of eco-navigation, SmartCruising interactive software allows for real-time monitoring and energy life cycle management which includes the energy production, storage, and consumption for comforts aboard and electric motor propulsion.

Additionally, with the SmartCruising software, our fleet management team is able to remotely connect to the catamarans to review information on the instruments, environment, wind, currents, and geo-positioning information in real-time.







KNOWLEDGE IS
THE MOST POWERFUL



LEDGE:

ENERGY WE HARNESS



The TradeWinds team is committed to our values prioritizing sustainability, social consciousness, and ethical practices. These principles are the core of everything we do, and we firmly believe that doing the right thing is not up for negotiation.

Ricardo Flores, TradeWinds' Vice President



The Story of our Sustainable Happiness

TradeWinds' **AURORA** is the dawn of an inspirational future.

A future alive through a committed collaboration of our world-wide energy. By sharing stories of where our dreams began, where we are, and the light seen on the horizon – that energy renews with the ability to go even further. **That is sustainability.**

As you near the end – we pause for a moment to share another quick story ... on happiness.

Once upon a time, in a faraway place, there was a beautiful kingdom called Happyland. Known to be the happiest and most content people in the world, the citizens of Happyland had everything they needed – clean air, pure water, healthy food, plenty of sunshine.

One day, a traveler from another kingdom came to visit Happyland. Marveling at its beauty, they asked a local about their secret to sustaining happiness.

They smiled and replied: “It’s simple. We believe in living in harmony with nature and with respect, kindness, and love for one another. We take only what we need and give back as much as we can. Living this way, we not only preserve our resources but also create a better future – for everyone. Nature is our friend, and we take care of it as one of our own.”

Amazed by this philosophy, the traveler decided to stay in Happyland to learn more. They observed that every person was in fact happy because they lived sustainably and supported each other. As

their guest, realizing that sustainability was not just an individual effort but a collective responsibility towards creating a better world, the traveler became involved too.

Happyland was also known for its advanced green technology. The people used renewable sources of energy like solar panels and wind turbines to power their homes, recycled everything they could and avoided wasting any resources. They had innovative ways to reduce their environmental footprints with energy-efficient buildings, smart grids, and vehicles at sea and on land that ran on clean energy generated throughout the kingdom.

The people of Happyland supported a circular economy. They shared resources, reused products

whenever they could, and even had a no-waste policy that prevented any unneeded materials from being discarded. With kindness and respect for each other, the citizens of Happyland were proud of their sustainable lifestyle and worked hard to preserve it for future generations. They strived to create bal-

ance between nature and human lives, so that everyone could enjoy a healthy and happy life.

And so, filled with their own happiness, the traveler took the lessons learned back to his own kingdom to share with others hop-


ing they would adopt sustainable practices, too.

As the years went by, the traveler became an advocate for sustainability across many kingdoms, knowing that if everyone just tried like those people in Happyland, our world would be a happier place for all its inhabitants.

With their sustainable practices, green technology, and commitment to preserving nature, the story of Happyland and its citizens became an inspiration for many others seeking to live a better way.

This story is an example of how changes in our lifestyle lead to profound positive impacts on ourselves and our planet; how we can sustain happiness by living in harmony with our environment.





*The energy of the mind
is the essence of life.*

Aristotle

Continue Learning

Even more about sustainability, our ocean, and renewable energies

[Mission Blue: Inspires action to explore and protect the ocean](#)

[United Nations: 17 Sustainable Goals \(SDGs\)](#)

[Good Life Goals: Useful ways to achieve the 17 SDGs in your life](#)

[CLEAR Caribbean: Sustainable development and climate change adaptation](#)

[NOAA: Ocean Acidification](#)

[NOAA: Why should we care about the ocean?](#)

[NOAA: What is the Carbon Cycle?](#)

[United Nations: 5 reasons you should care about our ocean](#)

[World Economic Forum: Half of coral reefs at risk by 2035](#)

[World Economic Forum: About different Hydrogen colors](#)

[The Ocean Knows No Borders \(2020\) | Documentary about Aunfo Havea](#)

About ...

TradeWinds

The concept of TradeWinds was born in the mid 1990's, with a dream and a vision. A dream of cruising turquoise, warm and shallow waters, of scuba diving at breathtaking coral reefs, and "liming" at sunset on beautiful catamarans anchored at secluded islands.

Today, TradeWinds is leading the way for all-inclusive luxury vacations with exclusive **AQUA**, **AQUA TERRA** and **TERRA** experiences with sustainable practices focused on protecting our environment, our communities, the oceans' important marine eco-systems. Over 80 thousand Guests have been on TradeWinds experiences in awe-inspiring destinations stretching from Central America and the Caribbean to the Mediterranean, South Pacific, and Indian Ocean.

Our driving force is to provide superior experiences exceeding our Guests' expectations and create unforgettable memories together.



YOU – our Members and Guests

TradeWinds' Members and Guests come from every possible walk of life, with ages ranging from just a few months to centenarian sailors. Our shared vacations, both at sea and on land, connect people from totally diverse backgrounds in such a way that they often form close bonds which last a lifetime. What brings them together is their passion for truly unique, non-mainstream experiences in offbeat destinations rarely available to the average tourist, and of course relaxation and rejuvenation.

Whether you're a confirmed globetrotter, a bold adventurer, a culture vulture, a relaxation-lover, a foodie, or a nature-lover – you are the energizing spirit of TradeWinds!

Together, we can work towards a future where ALL tourism is sustainable.



Fountaine Pajot

Fountaine Pajot was founded in 1976 by Jean-François Fountaine, Yves Pajot, Daniel Givon and Rémi Tristan, who shared a passion for sailing and racing as well as a dream of creating their own shipyard. 40 years later, Fountaine Pajot is one of the most respected shipyards in the world, located in La Rochelle, France.

The dedicated vision of the founding partners, combined with an ongoing commitment to innovation, development, and unrivaled service, has seen the company garner countless industry awards and set the benchmark for cruising catamarans throughout the world.

The Smart Electric yachts mark a new stage in the evolution of the Fountaine Pajot's range of sailing catamarans and the desire to go further in their environmental approach.



Energy Observer Developments

EODev (Energy Observer Developments) was created in March 2019 to develop and industrialize sustainable, reliable, and affordable hydrogen-based energy solutions. EODev is the result of the unique experience acquired on board Energy Observer: the first clean energy self-sufficient hydrogen vessel, developing innovative solutions for the environment.

The company's mission is to accelerate the energy transition by offering sustainable, reliable, efficient and affordable industrial solutions.

Renewables are the energies of today and at EODev wants to bring the use of these energies within everyone's reach, and especially hydrogen as the energy vector for a low-carbon society. Their offer is based on proven, mass-produced and economically relevant technologies.



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