



FOUNTAIN PAJOT®

**LAUNCH OF FOUNTAINE PAJOT CATAMARAN
SAMANA 59 SMART ELECTRIC REXH2**

**WORLD'S FIRST HYDROGEN
POWERED CRUISING
CATAMARAN.**

**April
2023**



**PRESS
FILE**

**Smart
ELECTRIC
X REXH2**



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**Fountainne Pajot: a
worldwide visionary
of the yachting
industry since 1976**

Pages 5 - 7

INTRODUCTION

With nearly 50 years of expertise and craftsmanship in boat design and construction, hundreds of miles sailing through the yachting industry and an increased willingness to always look ahead, Fountaine Pajot has honored its core value, wisdom, by committing to a carbon neutral goal by 2030. Following its ambitious Odyssey 24 strategic plan, Foutaine Pajot Group, number two worldwide in the design and manufacture of cruising catamarans, in collaboration with EODev, has designed and built the world's first hydrogen-powered cruising catamaran: the Samana 59 Smart Electric REXH2.

Following more than 15 years of engaging in sustainable development and a will to preserve the Ocean for generations to come, today Fountaine Pajot enters a new dimension of environmental commitment. The development of the Smart Electric range and conception of our latest catamarans, the Aura 51 Smart Electric and Samana 59 Smart Electric REXH2, contribute to speeding the environmental transformation of the yachting industry on a global scale.

Sharing the same vision of excellence and marine ecosystems preservation, the group has joined forces with the world's leading charter companies, Dream Yacht World and TradeWinds, to reimagine the yachting industry and offer a unique, ocean-friendly experience to owners, users, charterers, and vacationers on all seas of the globe. Representing many owners sailing on the Mediterranean, Fountaine Pajot Group was keen to get involved with WWF France to help protect and preserve Posidonia meadows, the blue lungs of the Mediterranean, and hand in hand imagine the boat of the future to set a new standard for the yachting industry.

Passionate about the sea, the Fountaine Pajot group has decided to put to good use its unique craftsmanship by imagining and building the cruising boats of the future: efficient, comfortable, innovative and above all environmentally respectful marine catamarans.

FOUNTAIN PAJOT : A WORLDWIDE VISIONARY OF THE YACHTING

INDUSTRY SINCE 1976



From a small team of sea and sailing enthusiasts, the Fountaine Pajot group has followed the entrepreneurial desire of its four partners, Jean François Fountaine, Yves Pajot, Daniel Givon and Rémi Tristan, and has grown with its time to become the second world leader in the design and manufacture of cruising catamarans and the first major shipyard to integrate hydrogen as an energy solution on board its boats, just like Smart Cruising and then Smart Electric.

Since its creation in 1976, Fountaine Pajot has always aspired to be a pioneer in its field. From a passion for racing and the desire to invent innovative light sailing boats (505, 470 or 420 dinghies), the small shipyard quickly made a name for itself in offshore racing with the design and manufacture of IOR (International Offshore Rule) prototypes, and then the first production cruising multihulls, in its workshops in Aigrefeuille and La Rochelle, which demonstrated their excellence and reliability by winning the best races of the day.

Today, Fountaine Pajot is once again one step ahead with the mass production of the first electric cruising catamarans and the launch of the very first hydrogen-powered cruising catamaran. With growing determination, Fountaine Pajot is following the ambitious requirements of its Odyssey 24 strategic plan in order to fully achieve carbon neutrality by 2030.



MEET THE FOUNTAIN PAJOT CREW

Passion for the sea and sailing is at the core of Fountaine Pajot and is shared by each of its 1300 employees. Founded by four sea enthusiasts, today no less than 40 different trades work together to design and build Fountaine Pajot cruising catamarans and Dufour yachts. They are carpenters, cabinetmakers, electricians, plumbers, engine builders, engineers, designers, and many others who have been working for almost 50 years to design and build the excellence of ships thanks to a sensible balance between industrial processes and artisanal excellence.

Our teams are spread over our two production centers: in Aigrefeuille, the headquarters and historical factory in charge of Fountaine Pajot's core range of boats, and in La Rochelle, specialized in «Flagships» models, catamarans of more than 50 feet as well as Motor Yachts with specific dedicated teams. Our Dufour monohulls are built on the historical site of Périgny, not to far from La Rochelle center.



PARTNERSHIPS FOR THE EXCELLENCE OF YACHTING

Born from the racing world, Fountaine Pajot has distinguished itself by its technical requirements. We maintain a maximum level of vigilance in the choice of our partners with whom we collaborate year after year, permanently searching for innovations and improvements. Specialists of multihull and monohull cruising, inspired by ocean racing, our suppliers, driven by the same nautical passion, guarantee equipment that is as easy to handle as it is efficient. Present throughout the world, Fountaine Pajot has developed an international network of service points that are as efficient as our boats, to support catamaran owners on long distances. Associated with the best partners, we ensure trust over time with the follow-up of our boats.

Today, we invite and accompany all our partners to follow this commitment towards eco navigation!

INNOVATING TO BE AT THE FOREFRONT OF THE INDUSTRY

The heart of our craftsmanship is our ability to anticipate. Our two design offices draw on our almost 50 years of experience (and 60 for Dufour) while questioning the certainties we have acquired to constantly improve performance through innovation. This insatiable desire to preserve what is currently outstanding by combining it with the best of research contributes to optimizing life on board our boats and their carbon footprint.

Composite, innovative, and technological materials, form the essential structure of our sailing catamarans and Motor Yachts: hulls, fly, decks, bulkheads etc. At Fountaine Pajot, we have developed an advanced technology of resin injection and infusion technique that gives our boats all their robustness, and considerably lightens our catamarans while maintaining constant quality.

The injection also allows us to meet the most stringent environmental requirements, in line with our corporate philosophy. Today we are working on their ability to be recyclable or recycled.

Combustion propulsion and energy consumption on board our catamarans have long been a major issue. Since 2021, implementing the Odyssey 24 plan has allowed us to follow several major steps necessary to achieve our vision: cruising catamarans producing zero emissions by 2030. The launch of the Smart Electric system in 2022 with the presentation of the Aura 51 Smart Electric was the concretization of several years of studies and commitments.

ODSea LAB

Following this achievement, the 2023 launch of the Samana 59 Smart Electric REXH2 opens a new era in the yachting industry, proving once again that the Fountaine Pajot Group has always been one step ahead...

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EODev: developing sustainable energy solutions using hydrogen

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FOUNTAINE PAJOT AND EODEV PARTNERSHIP:

■ The partnership established for the launch of the very first SAMANA 59' catamaran equipped with EODev's REXH2® technology is a true achievement and the beginning of a new era in the yachting industry.

Several factors started this collaboration. Fountaine Pajot's desire to achieve carbon neutrality by 2030 through its Odyssey 24 strategic plan, EODev's commitment to finding and applying zero-emission solutions, and the common desire to propose a new sustainable model for recreational boating.

Facing today's decarbonization challenges, the SAMANA 59' Smart Electric REXH2, offers to yachtsmen zero emissions, noiseless, fumeless, and odorless solutions, allowing all to continue enjoying the sea, without impacting it. With the use of zero emission technologies, Fountaine Pajot leads, with EODev, the way to the new era of yachting.

With zero-emission technologies, Fountaine Pajot and EODev are leading the way towards a new era of yachting. And what better setting than La Rochelle to present our solutions to professionals and collaborators and explain the relevance of using hydrogen to preserve marine ecosystems. This will be done in the presence of two of Fountaine Pajot's partners, also forerunners of low-carbon cruising: TradeWinds and Dream Yacht World.

EODEV : DEVELOPING SUSTAINABLE ENERGY SOLUTIONS USING HYDROGEN

ABOUT EODEV

EODev is an innovative company founded in 2019 with the aim of accelerating the energy transition with sustainable, reliable and accessible industrial solutions using hydrogen.

Industrial extension of the Energy Observer project, EODev is among the world leaders in the design and industrialization of zero direct emission electricity production systems and has a very strong will to contribute to a more sustainable world through its solutions. Its product range consists of the GEH2® hydrogen generator for stationary and mobile applications and the REXH2® generator for marine applications.

EODev's solutions are distributed and available on several continents through a network of resellers in France, Belgium, Poland, Romania, Moldova, Algeria, Sweden, the Netherlands, Denmark, Luxembourg, Australia, Saudi Arabia, the USA and Canada.

REXH₂

THE ONBOARD HYDROGEN
FUEL CELL POWER GENERATOR

 EODEV

**POWER PROPULSION AND HOTEL LOAD
ONBOARD VESSELS WITHOUT NOISE AND EMISSIONS**



· MODULAR · QUIET
· COMPACT · OPTIMIZED
EFFICIENCY

① Hydrogen tank
② REXH2 Power Generator
③ Battery supply

Follow us  | [eodev_h2](#)   → [eo.dev](#)

Time to shift

ABOUT REXH2®:

REXH2® is a marinized electro-hydrogen unit with a nominal power of 70 kW that can power the propulsion and life on board of all types of boats.

Built around a Toyota PEM fuel cell that converts hydrogen into electricity through an electro-chemical reaction, this electro-hydrogen generator can power electric motors, on-board auxiliaries and can be used to recharge batteries of professional or pleasure boats.

Compact, silent, and modular, REXH2®'s strength lies in its ability to be easily integrated into any type of boat, as the module can be adapted to different environments and onboard systems. Several 70 kW modules can also be aligned to offer more power and meet variable energy needs depending on the type of vessel.

REXH2® OPERATING MODE & INTERACTIONS WITHIN THE SAMANA 59:

The REXH2® electro-hydrogen generator is integrated to the SAMANA 59' Smart Electric under a hybridization principle in replacement of a diesel group. It allows to manage energy needs according to vessel use.

This specificity has a double interest: it makes it possible to rely on the continuous power of the fuel cell to provide most of the boat's energy, while remaining able to instantly solicit the batteries during peak power demands.

Within the SAMANA 59' Smart Electric, the REXH2® will not only be able to supply low-carbon electricity to all on-board systems (command, servitudes) but also, on demand, participate in the propulsion of the catamaran via electricity produced and stored in the batteries.

The interest of this hydrogen-electric combination compared to a 100% electric system, in addition to a significant gain in weight and therefore energy consumption, remains the ability to modulate energy needs more or less on demand depending on the use for identical performance objectives.



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Samana 59 Smart Hydro: the world's first hydrogen cruising catamaran

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SAMANA 59 SMART ELECTRIC REXH2

THE FIRST HYDROGEN POWERED CRUISING

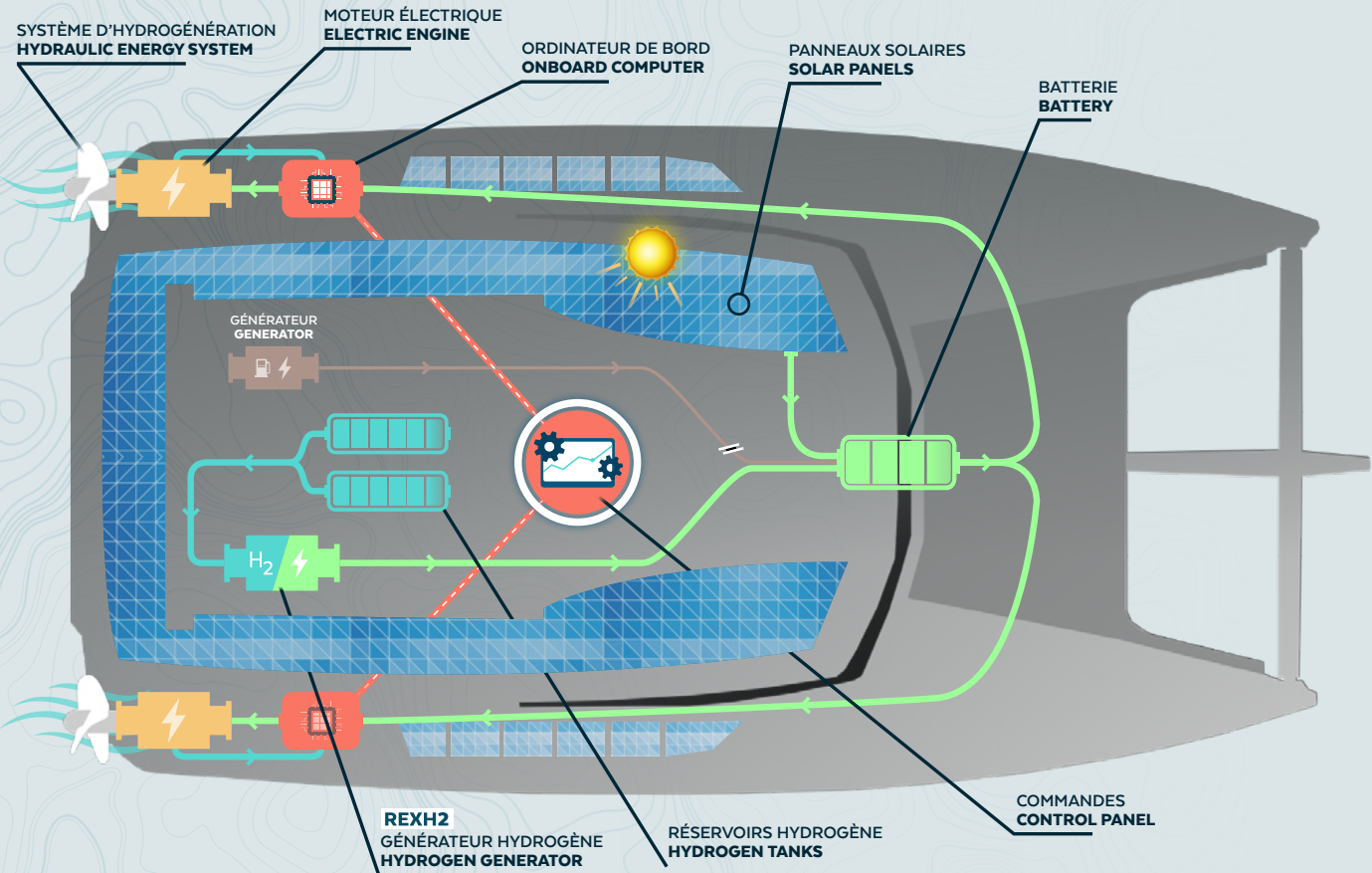
CATAMARAN

Imagine a boat gliding through the water without noise, smell, without emitting harmful emissions and with all the comforts of modernity. A boat that blends into its environment, without disturbing it or impacting it, while offering a unique experience of luxury and relaxation. Fountaine Pajot has designed and built it, making a dream a reality. The Samana 59 Smart Electric is a sailing catamaran equipped with alternative energy solutions and EODev's electro-hydrogen REXH2.

~ A GREEN ENERGY DESIGN ~

To reduce its carbon impact, the Samana 59 Smart Electric has a virtuous energy architecture composed of a REXH2 that can provide up to 70 kW of continuous power, a battery composed of LiFePO4 (Lithium Iron Phosphate) cell of 63kWh integrated by EVE SYSTEM and Alternative Energies and 42 m2 of «Slim» type solar panels that can provide up to 6145 Wh. This energy mix allows to take advantage of all the embarked renewable energies (solar, wind, hydrogen). In port, the crew can fill up with hydrogen and recharge the batteries if necessary. The management of all these technologies is ensured by a Smart Cruising functionality, an automated Power Management System which ensures a simple and intuitive piloting of this high technology.

Samana 59 Smart Electric X REXH2



AN INTERDEPENDENT OPERATING SYSTEM

■ To ensure a long autonomy at anchor as well as during navigation, these technologies work together. During the day and in good weather, solar panels supply the majority of the energy. When night falls or if the sky is overcast, the REXH2 takes over, using hydrogen to produce electricity through its fuel cell. Wind traction extends the range by reducing the energy consumption of the propulsion engines.

At anchor, this system allows an autonomy of 40 hours. When sailing, it allows an autonomy of 10 hours at a speed of 5 knots without sails and without sun. In case of emergency, a small safety generator can be used.

THE TECHNOLOGY OF THE FUTURE

■ A true energy carrier of the future, hydrogen is gradually becoming a viable alternative to fossil fuels to fossil fuels and allows us to imagine a world with low carbon emissions and no fine particles.

Its production from renewable energies is growing rapidly worldwide.

EODev's REXH2 hydrogen system consists of a fuel cell, a cooling system, a distribution board, a supply line and is stored in gaseous form at 350 bars in two HEXAGON PURUS HC500 tanks that can hold up to 7.5 kg of hydrogen.

A SECURE, SPACIOUS AND ELEGANT CATAMARAN

One of the major challenges of integrating onboard renewable technologies is space management. It was therefore essential for the Fountaine Pajot teams to find the right balance to achieve the best possible integration of the REXH2 without altering the comfort of the boat.

The integration of a hydrogen system on board a boat always raises the question of safety. Meeting all the technical standards and conformities related to the implementation of this type of technology was a priority.

After more than two years of research and development, we have successfully reconciled the two to offer our sailors the best of cruising catamarans and renewable technologies.



All life on board the SAMANA 59 is of electro-hydrogen origin, when the propulsion is wind induced or electric. The aim is to operate the on-board appliances, from lighting to kitchen appliances and air conditioning, without the need of using a noisy and polluting diesel generator. This is an ideal solution when the boat is at anchor - allowing its passengers to enjoy the sea and swim in total tranquility.

With its large 27.5 m² cockpit, its foredeck and its modular sunbathing area, its 30 m² flybridge or its spacious cabins, the Samana 59 encourages relaxation or privileged encounters in a dynamic or soothing atmosphere. A perfect alchemy of space and proximity, the Samana 59 enchants sailing, with friends or family, by awakening its power to bring people together in absolute silence.



WHAT YOU NEED TO KNOW:

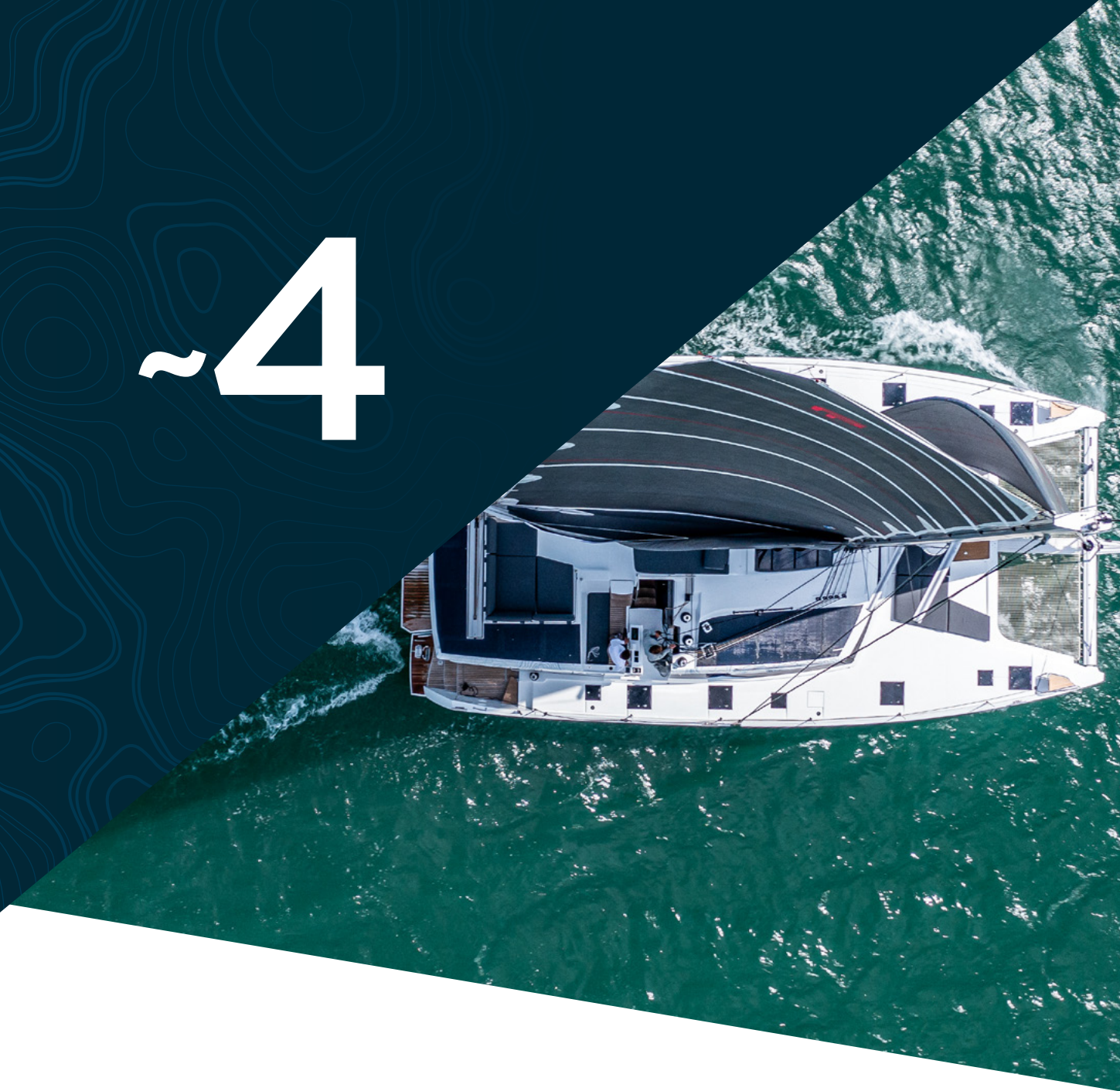
SAMANA 59 SMART ELECTRIC REXH2

- ~ The EODev REXH2 marine fuel cell generator allows zero CO₂, zero NO_x, is silent, Plug & Play and fast refueling.
- ~ The fuel cell can deliver 70 kW thanks to the hydrogen stored onboard at 350 bars in two 7.5 kg tanks.
- ~ The 63kWh battery, integrated by EVE SYSTEM and Alternative Energie, is composed of LiFePO₄ - (Lithium Iron Phosphate) cells
- ~ The catamaran is equipped with 42 m² of «Slim» type solar panels that can provide up to 6145 Wh.
- ~ The electro-hydrogen autonomy at anchor is of 40 hours.
- ~ The electro-hydrogen autonomy while sailing, and with only the engine working, at an average speed of 5 knots is of 10 hours.
- ~ Electric motors and hydrogen system maintenance is greatly simplified because it is much cleaner.

« The Samana 59 Smart Electric REXH2 is more than just a vision. It is now a prototype that shows the ability of our group in taking the lead in innovating and imagining the long-term transition we want to undertake. »

Mathieu Fountaine, Deputy CEO

~4



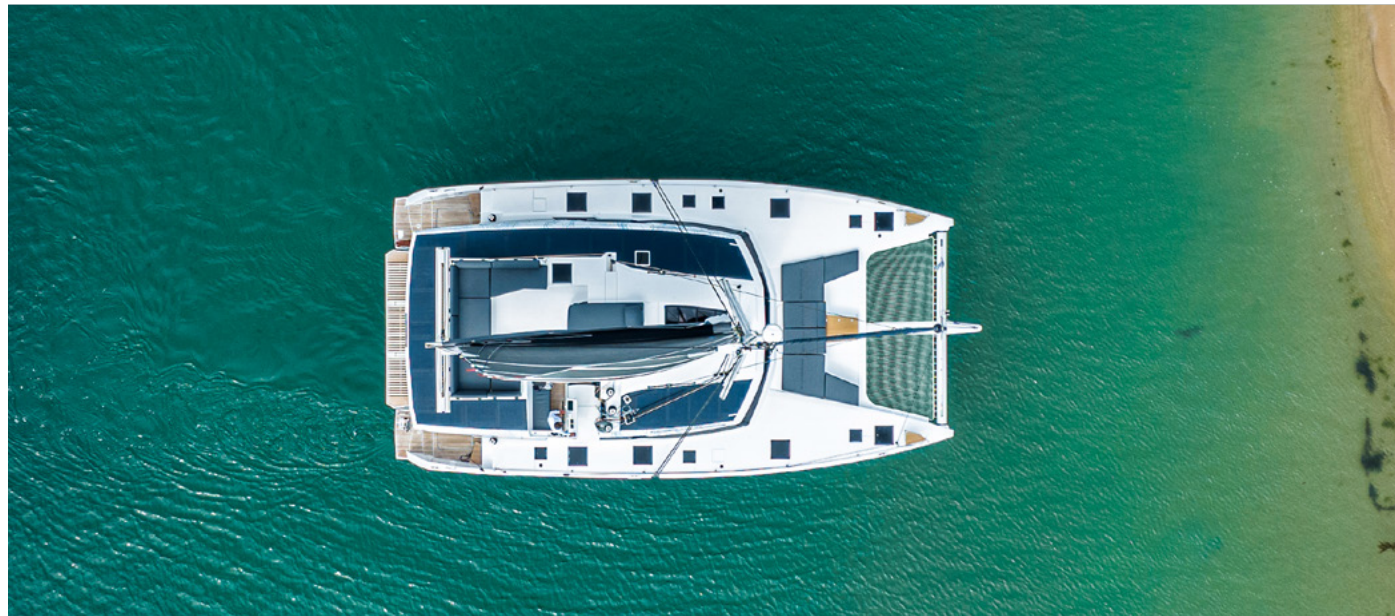
**Aura 51 Smart Electric:
the beacon of a
pioneering electrical
propulsion system**

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AURA 51 SMART ELECTRIC

THE BEACON OF A PIONEERING ELECTRICAL PROPULSION SYSTEM

■ The Aura 51 Smart Electric is the first Fountaine Pajot model equipped with electric motors and an intelligent onboard energy management system. It is the result of collaborative work between Fountaine Pajot teams and #energytransition experts, supported by the ODSea Lab innovation platform, created by Fountaine Pajot. Launched in 2022, this electric cruising catamaran, already ordered in several units, will become the boat of tomorrow, but also the future of cruising worldwide. As a pioneer of the Smart Electric system, the Aura 51 shows the way forward for integrating the system to our entire range in a near future.



RENEWABLE ENERGIES FOR A SUSTAINABLE BOAT

In order to offer a low-carbon cruising experience, Fountaine Pajot's design office, through its ODSea Lab innovation platform, created by the shipyard and its partners (including Alternatives Energies), has imagined the Aura 51 Smart Electric to accommodate a large surface area of solar panels, while respecting its sleek and stylish design.

Her large flybridge, with its convivial lounge and sunbathing areas, is covered with 16 m² of «flush» solar panels totally integrated into the design, capable of accommodating 2000 watts of energy that feed two battery banks of up to 32 kW each. An additional option allows to produce 1,5 kW of energy thanks to a hydraulic energy system by using the rotation of the propellers during navigation under sail. A power generator serves as a back-up.



Smart
ELECTRIC

Intensity of
Silence...

SMART ELECTRIC, A VERSATILE ONBOARD SYSTEM

A viable solution anchored in the series production, the Smart Electric system, already an option for the Aura 51, will be implemented in all the boats of the range.

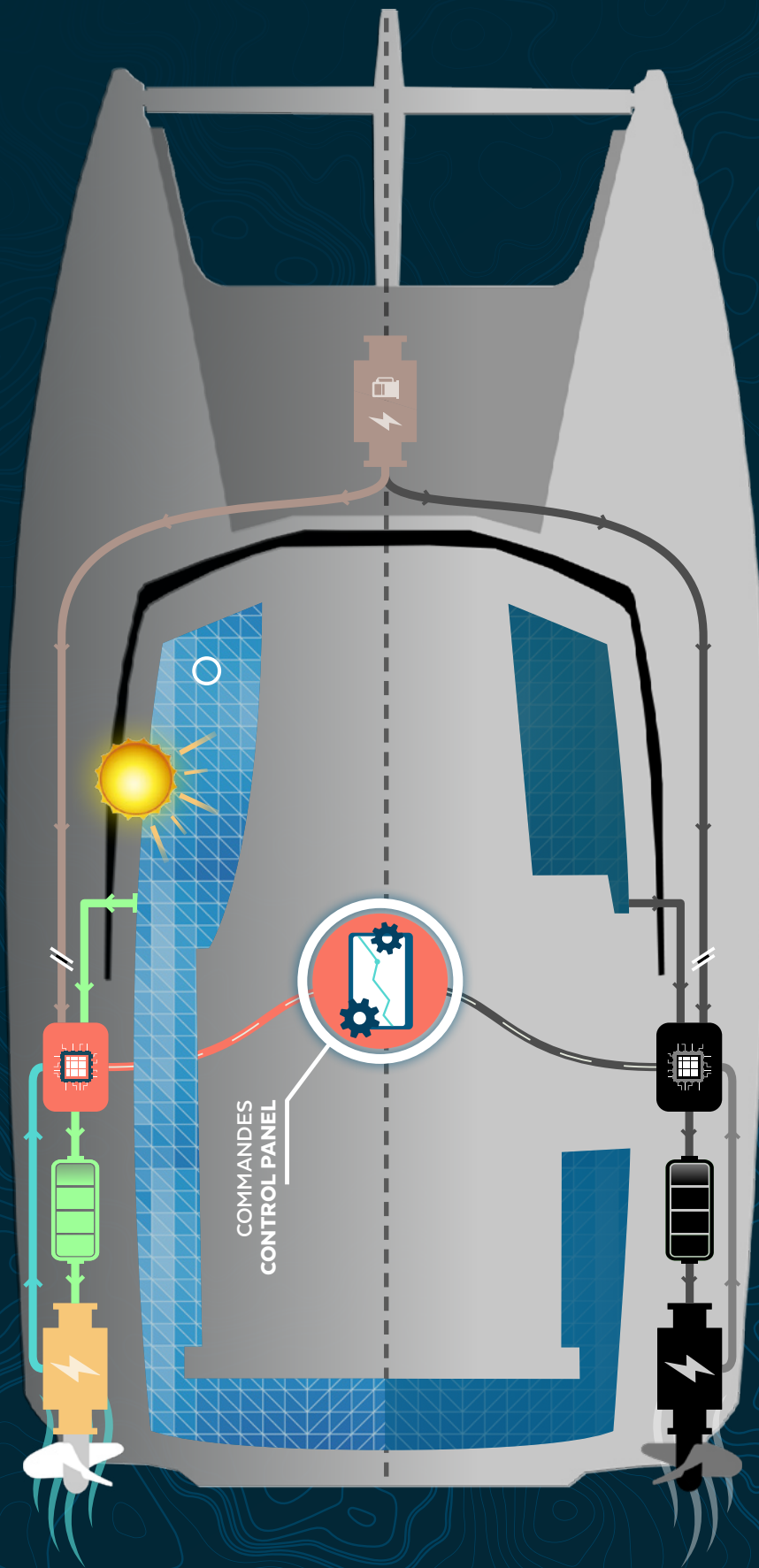
By 2025, 50% of Fountaine Pajot multihulls will be fully electric and 100% will be equipped with solar panels. By 2030, the group aims to transform 100% of its fleet into electric and to withdraw diesel engines.

With a first deadline in 2024: offering the Smart Electric system as an option for the entire range.

SEVERAL VERSIONS FOR MORE SPACE AND ENHANCED LAYOUTS

The Aura 51 offers 4 different layouts. Each cabin has its own bathroom, including the 6-cabin version - a first on the catamaran market for a 51-foot model - and the double Maestro version, another exclusive of the shipyard. The Full Maestro version offers a huge owner's cabin on the entire port hull.

The Aura 51 is undeniably a cruising multihull that is pleasant to live on and respectful of its environment. This catamaran allows for sustainable, comfortable, and sensational cruising.



WHAT YOU NEED TO KNOW:

AURA 51 SMART ELECTRIC

- ~ The catamaran is equipped with 16 m2 of «Flush» type solar panels that can supply up to 2000 W.
- ~ The batteries are composed of LiFePO4 cells (Lithium Iron Phosphate) of 64kW integrated by EVE SYSTEM and Alternatives Energies.
- ~ A 3 kW hydraulic energy system can be added.
- ~ The autonomy at anchor with low sunlight is of 20 hours.
- ~ The autonomy in all electric navigation at an average speed of 4 knots is of five hours.
- ~ The Smart Electric system is adaptable to the whole range.



5

Odyssea 24: an ambitious eco- conscious strategic plan

Pages 27 - 31

ODYSSEA 2024

One dream, one ambition: to become pioneer of the environmental transition in the nautical industry. This is the major objective that Fountaine Pajot Group has set itself with its Odyssea 24 business plan, which runs until 2030. This plan is based on 4 major axes:

1 - GUARANTEEING ENERGY AUTONOMY

Fountaine Pajot & ODSea Lab are working together to produce more virtuous and autonomous energy during cruising, by introducing a mixed energy system on board through the combination of solar, wind and water turbine technologies. By installing «slim» solar panels on the horizontal surfaces of its sailing catamarans, Fountaine Pajot aims to produce the energy necessary for life on board (services and control).

The shipyard is also working on optimizing resources by developing more efficient solutions that consume less energy while offering equal or even greater comfort.

To ensure that energy is used sparingly on board, Fountaine-Pajot yachts are equipped with intelligent technology in the form of an interactive tool that illustrates how the boat balances energy between propulsion and onboard needs: the Smart Cruising technology.

2 - INVENTING NEW PROPULSION MODES

Combustion propulsion currently represents a major part of the carbon footprint of a boat's life cycle. This is why Fountaine Pajot aims to decarbonize its catamarans by giving priority to electric propulsion.

In 2022, the Aura 51 became the first ever electric catamaran, functioning thanks to green energy. Mobilized through ODsea Lab, our teams of experts have designed marinized electric motors, the integration of renewable energy storage systems (battery parks and hydrogen tanks) and lately, the implementation of the REXH2, a hydrogen system that works thanks to a fuel cell capable of driving our catamarans with hydrogen.

In 2023, the Samana 59 Smart Electric REXH2 became the first prototype in the world to host this hydrogen propulsion technology. The combination of these two systems, Smart Electric and Smart Electric REXH2, aims to introduce mixed energy to cruising boats and thus revolutionize the yachting industry.



TOGETHER, LET'S INVENT THE ECOLOGICAL BOAT OF TOMORROW



3 - PRODUCING IN A VIRTUOUS WAY

The growth of the Fountaine Pajot group implies a strong commitment from the company to limit the carbon footprint emitted by the construction of its boats. This commitment involves, the continuous improvement of the quality of its boats, and also of its production.

To produce in a cleaner way, Fountaine Pajot invests in new construction technologies, thus limiting waste during production, particularly when cutting materials, or by equipping its production plants with renewable energy and major building energy performance improvement projects.

4 - REUSE AND REINVENT MATERIALS

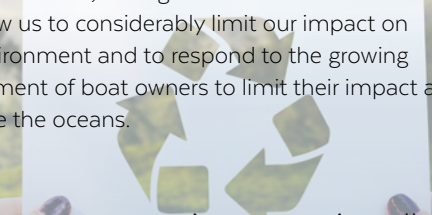
In a collective effort, and in collaboration with our key suppliers, we have committed to a strict environmental policy to significantly reduce the carbon footprint of the parts and equipment we will install and use on our vessels by 2030. The development of more committed specifications, aims to reduce the transportation of supplies, and to use recycled and bio-sourced materials, which will be recyclable in their application...

Our aim, to better control our boats life cycle According to an in-depth study of our activity conducted using the GHG protocol (internationally recognized protocol), 80% of the carbon footprint of our boats comes from their use and 20% from their production.

This is why mastering the life cycle of Fountaine Pajot Sailing Catamarans, Fountaine Pajot Motor Yachts and Dufour Sailboats, through research and innovation, will allow us to considerably limit our impact on the environment and to respond to the growing involvement of boat owners to limit their impact and preserve the oceans.

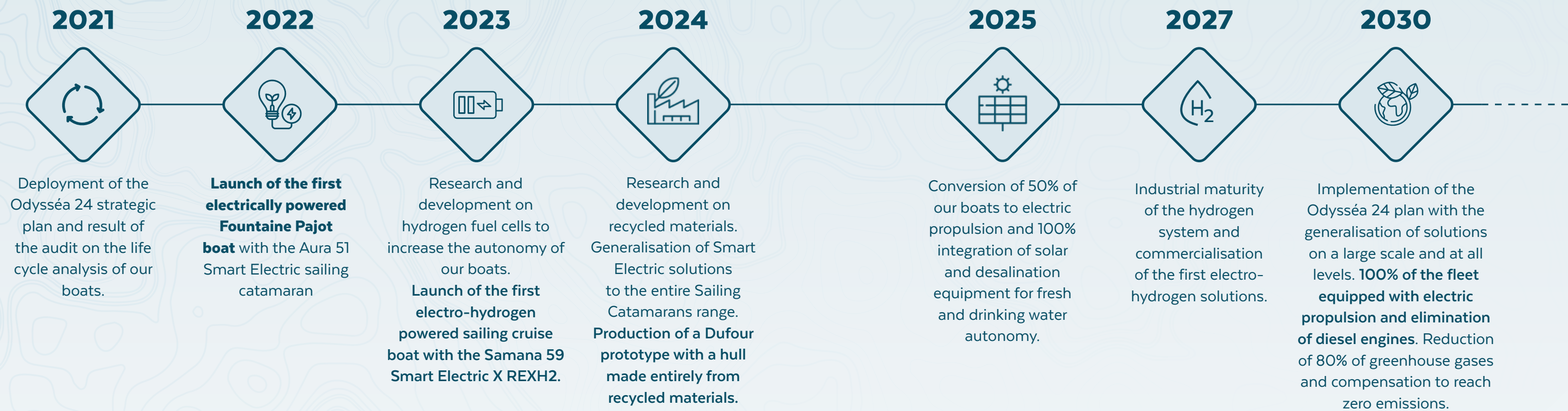
«If we want to continue to enjoy all that the oceans have to offer, we have to act now»

Romain Motteau, Deputy CEO



ODYSSEA 24 PLAN:

THE MAIN STEPS



~6



**ODSeaLab : together
let's imagine the boat
of tomorrow**

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AN INNOVATION PLATFORM TO SUPPORT AN AMBITIOUS STRATEGIC PLAN

- To achieve it, the shipyard is counting on the collective energy and awareness of all its stakeholders: its Owners, its Employees, its Suppliers, its Experts in environmental transition and its Research and Development Teams.

Our goal?

To create sustainable ships and offer low-carbon cruises with the ambition of achieving carbon neutrality by 2030.



ODSeaLAB [OBSERVE, DESIGN AND SAVE]

OD SeaLab is an accelerator of technological solutions. Its aim is to rethink and transform production processes, the choice of materials and, above all, to embark as fast as possible innovations around renewable energy production, electricity storage, zero-emission propulsion and sustainable life on board.

ODSea LAB

CONTROLLING OUR BOATS LIFE CYCLE

80%
OF CARBON FOOTPRINT
COMES FROM USE



20%
OF CARBON FOOTPRINT
COMES FROM PRODUCTION

Following an in-depth study of our activities based on the GHG protocol (*internationally recognised protocol*), 80% of the carbon footprint of our boats comes from their use (*Scope 3*) and 20% from their production (*Scope 1 and 2*). This is why mastering the life cycle of Fountaine Pajot and Dufour boats, through research and innovation, will enable us to considerably limit our impact on the environment and respond to the growing involvement of yacht owners and users who wish to limit their impact and preserve the oceans.

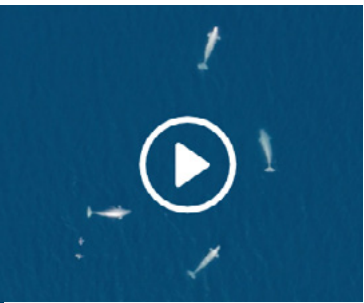
“IF WE WANT TO CONTINUE TO ENJOY ALL THAT THE OCEANS HAVE TO OFFER, WE MUST ACT NOW”

Romain Motteau
Deputy Managing Director
Fountaine Pajot

THE CHALLENGES & STAGES OF THE ODYSSEA 24 PLAN IN VIDEO



ODYSSÉE 24 - OBJECTIVES & CHALLENGES OF THE PLAN



ODYSSÉE 24 - HEADING TO ECO NAVIGATION



OD SEALAB - THE BOAT OF TOMORROW



OD SEALAB - THE INDUSTRIAL TRANSITION



ODYSSÉE 24 - COLLECTIVE ELAN & VALUES



ODYSSÉE 24 - KNOW-HOW & COMMITTED VISION



ODYSSÉE 24 - SHARING & TRANSMISSION

7

2030: heading towards carbon neutrality

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2030: HEADING TOWARDS CARBON NEUTRALITY

WORKING AT ALL LEVELS TO REACH CARBON NEUTRALITY IN OUR ACTIVITIES BY 2030

A forerunner since 1976, Fountaine Pajot has always been one step ahead. From the design and construction of the first cruising catamaran, through the invention of innovative construction techniques, the implementation of several on-board energy management and production systems (Smart Cruising, then Smart Electric and Smart Hydro) or the design of hydrogen-powered boats, the group has always wanted to move with the times.

Faced with the climate emergency, It's time, it's quite naturally that Fountaine Pajot wanted to establish a series of actions to reduce its environmental impact and achieve carbon neutrality by 2030.



SOFTER MOBILITY AND ENVIRONMENTALLY FRIENDLY MANAGEMENT OF GOODS FLOWS.

Carrying out an energy sobriety plan also means looking at the means of transport used. In this sense, Fountaine Pajot wishes to develop both «soft» mobility and to favour CO2 reducing transport modes. To achieve this, Fountaine Pajot wishes to deploy several actions: reduce and limit air travel to a strict minimum, use the train for travel within Europe, encourage car-pooling and the use of public transport.

Fountaine Pajot encourages the use of bicycles whenever possible and favours remote meetings to avoid travel when not necessary.

Fountaine Pajot also wants to develop its corporate vision with the whole of its value chain and involve its suppliers by encouraging the grouped transport of goods and raw materials in the same shipment (the «Milkrun» principle).



TOWARDS A CONTROLLED AND SOBER ENERGY CONSUMPTION THANKS RENEWABLE ENERGIES

- 1 Use decarbonized energy:
Replace gas with electricity, produce renewable energy with a large-scale deployment of solar panels (shading) and systematically replace lighting with low-energy LED systems, coupled with presence detectors, and installation of improved thermal insulation on its roof.
- 2 Optimised water consumption management with a rainwater recovery system for boat washing and for certain industrial needs.
- 3 Finally, Fountaine Pajot is studying all options to choose the most efficient energy mix adapted to its activities. Our goal is to reach self-sufficiency.



A MORE SUSTAINABLE DESIGN OF OUR BOATS WITH THE USE OF RECYCLED AND BIO-SOURCED MATERIALS.

This is the great challenge for the next few years, and the heart of the Odyssey 24 strategic plan: reinventing ourselves to create the boat of tomorrow and enable carbon-free sailing. To achieve this, Fountaine Pajot has identified 4 areas of action in its zero-emission plan for its catamarans.

- 1 The first concerns propulsion, with the aim of replacing 100% of conventional combustion engines with electric solutions by 2030.
- 2 The second area concerns on-board equipment, with the use of large surfaces of solar panels, and their forthcoming generalisation on all models in our catamaran ranges, as well as the increase in energy storage capacities.
- 3 The third axis focuses on onboard freshwater production autonomy, using onboard desalinisers, coupled with the decarbonised electrical system.
- 4 Finally, the fourth axis revolves around the eco-design of boats. To this end, Fountaine Pajot is working in depth on the recyclability of composite materials that make up most of the catamarans' structural parts. The use of RPET (recyclable plastic materials) will replace the current PVC and Balsa. Work is also being carried out on reducing the consumption of wood for the interior fittings, as well as its origin, to encourage the use of local wood near the factories. This work applies to all the other components present in the boats, in particular the electrical harnesses, the textiles from the recycling sector and the rigging (mainly the sails), which is manufactured in La Rochelle.



OPTIMISED MANAGEMENT AND RECYCLING OF RAW MATERIALS AND MANUFACTURING WASTE

Fountaine Pajot is now committed to optimise the overall treatment of its industrial waste, linked to the direct or indirect manufacture of its catamarans. This involves anticipating materials, reducing and recovering waste.

- Waste reduction
Improved design, weight reduction, reduced cutting.
- Waste recovery
Selective sorting, wastewater management, recycling.



~8



Working together for a positive impact:

~ Dream Yacht Worldwide

~ Tradewinds

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WORKING TOGETHER FOR A POSITIVE IMPACT: DREAM YACHT WORLDWIDE

The pioneering and innovating spirit of both Fountaine Pajot and Dream Yacht Worldwide creates the perfect alliance to steward and challenge the yachting industry to make progress toward more sustainable sailing technologies and practices.

“By partnering and supporting the research and development of electric yachts, we can continue to make sailing accessible to people around the world but with a lower impact on our seas and environment,” shared Loïc Bonnet, CEO and founder of Dream Yacht Group.

By its very nature, sailing is a hybrid solution powered partly by wind. Through research and technology, Fountaine Pajot is going further with cleaner manufacturing processes, more efficient sail design, and electric engines fueled by renewable energies like solar, and potentially, hydrogen.

“Aware of the urgency of preserving the planet, we are living through a great cultural change. The new generation expects much of us at the dawn of this new era and these realizations. Our owners are also changing their needs and today expect their boat to be more environmentally responsible, while maintaining a high level of demand in terms of comfort.”

“As part of an external audit, it has been established that 20% of our carbon footprint comes from production and 80% from the use of the boats, shared Romain Motteau, Deputy CEO, Fountaine Pajot.

With additional electric models in development by Fountaine Pajot, and a growing electric charter fleet for Dream Yacht Worldwide, the release of the Aura 51 Smart Electric is only the first step in an ongoing commitment and joint ambition of achieving an all-electric yacht offering and zero carbon emissions by 2030.

ABOUT DREAM YACHT WORLDWIDE

Dream Yacht Worldwide offers one of the largest and most diverse yacht fleets in terms of models and manufacturers in the world, making traveling by sea accessible to all. Founded by Loïc Bonnet in 2000 as a six-yacht company based in the Seychelles, the company evolved into Dream Yacht Worldwide and is now one of the world’s leading ocean tourism companies, offering 50+ stunning sailing grounds and a diverse fleet of over 900 yachts to suite any on-water vacation. The group employs more than 600 people in 31 countries.

A pioneer in sailing accessibility for all, Dream Yacht Worldwide allows travelers the unique experience of sea-based vacations to broaden travel experiences and discover limitless destinations. Traveling by sea offers access to the beauties of the world and unique destinations as seen from a different angle. We offer the widest range of destinations, from the golden sands of the Caribbean to Europe’s thousands of islands.

Whether it’s a thrilling adventure or relaxing vacation, Dream Yacht Worldwide offers the freedom of a tailor-made vacation at sea: secret hideaways, must see hotspots, hidden gems, or just places to meet new people. Offering a wide range of activities and new destinations, there are always new experiences, places, and cultures to discover and memories to make, but with no trace left behind.



WORKING TOGETHER FOR A POSITIVE IMPACT: TRADEWINDS

Sailing towards the future of green sailing:

With a 20 year long lasting partnership with Fountaine Pajot, and the same commitment to reduce humans’ impact on the planet, it is naturally that Tradewinds embarked on the Samana 59 Smart Electric REXH2 adventure. Currently a prototype, Trade Winds is the first ever company to order and receive a hydrogen functioning catamaran.

With a promising future ahead for the yacht chartering sector, it is imperative that we get on track of reducing our greenhouse gases emissions and stand up to our responsibilities. The vision that has brought TradeWinds and Fountaine Pajot together is a joint commitment to create a future of yachting which incorporate realistic, sustainable goals over the years to come. A realisation that our two companies’ values are aligned and that we focus on the same issues.

“TradeWinds is fully committed to only add sustainable and carbon-neutral catamarans into the TradeWinds fleet in the future, and converting older boats to having more efficient systems until they are retired. Being operators of yachts in many parts of the world, it is becoming clear that unless we change our ways of operating, we will not be able to enjoy and explore our wonderful underwater world as we have done in the past. It is all about protecting this invaluable treasure we all inhabit.”

Magnus Lewin, TradeWinds CEO

ABOUT TRADEWINDS

TradeWinds was founded roughly 30 years ago by passionate sailors who wanted to make the seafaring life available to anyone with a love for open water.

As the largest shared cabin sailing Club in the world, TradeWinds has been offering the gold standard of five-star cruising—with a stellar record of safety and a commitment to sustainability—to its growing list of more than 5,000 members since 1989.

With over 50 custom-made Fountaine Pajot catamarans helmed by a dedicated captain and crew, TradeWinds’ luxury voyages are replete with fine dining, curated music programmes and water sport activities designed to indulge and delight guests in some of the most stunning locations around the globe.

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**Committed to
preserving the Ocean
with WWF France**

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ODSea^{LIFE}

BECOMING, IN A DETERMINED AND COMMITTED WAY, AN ACTOR OF POSIDONIA PRESERVATION

MARINE ECOSYSTEMS AT THE HEART OF OUR COMMITMENT

The Fountaine-Pajot Group has a close relationship with the seas and oceans: it is their second nature. As pioneers of the environmental transition in the nautical industry, and faced with the dual challenge of climate change and the erosion of biodiversity, we have decided to take action and protect marine ecosystems with ODSea Life.

At the heart of our commitment is the preservation of Posidonia meadows, a pivotal ecosystem in the Mediterranean, with major ecological and economic roles. Posidonia is a marine flowering plant

How could we ignore that under the waves, these meadows are destroyed

A PARTNERSHIP FOR ACTION

Fountaine-Pajot has decided to support WWF France conservation project. The aim is to raise awareness and mobilise the yachting stakeholders to change the practices of the sector.

The aims of this project are to: provide operational support to local authorities along the Mediterranean coast for the deployment of organised mooring areas in sites requiring the protection of the Posidonia meadow; deploy an awareness-raising campaign in France for boaters; support the implementation of virtuous «Blue Carbon» projects based on the preservation and/or restoration of Posidonia seagrass.

AN INSPIRING ROADMAP

Preserving these underwater «blue forests» requires the rallying of all: our group, our employees, our network of partners and all boaters. Only a strong dynamic can stop the degradation of this marine ecosystem.

Fountaine Pajot is therefore deploying a vast action plan along four lines: informing and raising awareness, supporting impact projects in conjunction with WWF, developing sustainable yachting solutions, and finally, getting involved in major international initiatives to preserve the oceans.

Our roadmap is enriched every day by our individual and collective actions towards drawing the big lines of sustainable yachting.

“ Fountaine Pajot is a story of women and men who share the same passion for sailing, the same pleasure of being on the ocean, the passion of being at sea and respecting what it offers us. This is why we support the commitment of all those who work to preserve the oceans. So that future generations can continue to sail while preserving our blue planet, and especially marine ecosystems.

The protection of Posidonia seagrass, an emblematic plant of the Mediterranean seabed and real carbon sinks, is a priority today. This fragile marine ecosystem, subject to multiple pressures due to human activities, is threatened by the impact of pleasure boats anchoring in the Mediterranean Sea. The maritime industry obviously has a major role to play.

For these reasons, it seemed important to us to commit ourselves alongside WWF in order to pass on and raise awareness in all our communities and to get as many people as possible on board with Fountaine Pajot and ODSea Life, all generations included. ”

Claire Fountaine
Président Fountaine Pajot

POSIDONIA: THE LUNG OF THE MEDITERRANEAN IN DANGER

Seagrass beds are one of the most productive ecosystems in the world.

Forming vast forests on the sandy seabed up to a depth of about 40 m, Posidonia (Posidonia oceanica) is a real ecological treasure. Although protected since 1988, this marine plant is in decline, harmed by the impact of pleasure boats anchoring in the Mediterranean Sea.

Posidonia is...

- 1 A reservoir of biodiversity
Home to 20 to 25% of known animal and plant species in the Mediterranean.
- 2 The lungs of the Mediterranean
1m² produces 14 litres of oxygen per day.
- 3 A carbon sink
Up to 1500 tons of carbon per ha, 3 to 5 times more than tropical forests, over millions of hectares and hundreds of years.
- 4 A fragile ecosystem
Between 10 to 30% of its surface area has been lost in the last 50 years for the whole Mediterranean basin.



THE POSIDONIA SEAGRASS, THE LUNG OF THE MEDITERRANEAN SEA

Posidonia provides essential ecosystem services



Coastline
erosion
protection



Oxygen
production



Nursery for
many species of
fish



Water
purification



Carbon
sink



Wave noise
reduction



Protected
species
habitat

Be a part of protecting the
Posidonia seagrass!



Fountaine Pajot and
WWF France, working together
for the preservation of Posidonia
seagrass and mobilising the
boating industry

FOUNTAIN PAJOT

Supporting the preservation of marine ecosystems

CONSERVATION ACTION(S): Ocean

To accomplish this aim, WWF supports the approach of the Fountaine Pajot Group (Fountaine Pajot and Dufour) and is inviting the entire marine industry to follow Fountaine Pajot's commitment.



FOUNTAIN PAJOT.

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FONTAINE PAJOT®



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