



### **YACHT CLUB DE MONACO WINS 2018 UIM ENVIRONMENTAL AWARD**

- Special Mentions for Jaguar Vector Racing, XShore and Silent Yachts-

MONACO: The Yacht Club de Monaco has won the 2018 Union Internationale Motonautique (UIM) Environmental Award for organizing the Monaco Solar & Energy Boat Challenge.

The result was announced at the tenth Union Internationale Motonautique (UIM) World Champions Awards Giving Gala, staged at the iconic Sporting Monte-Carlo, Monaco on March 23 and Co-sponsored by Tianrong Sports and H2O Racing. As well as announcing that the Yacht Club de Monaco had won the main trophy, the UIM also credited Special Mentions for "Greening the Sport", "Innovation" and for "Environmental Benefit" to Jaguar Vector Racing, XShore and Silent Yachts respectively.

First launched in 2009, the UIM Environmental Award was created to inspire and recognise excellence in innovation, development and application of environmentally friendly practices and technologies.

"The presentation of the Environmental Award and Special Mentions is one of the highlights of the UIM Awards Giving Ceremony and Gala Dinner," said UIM President Dr Chiulli. "We are delighted to recognise the work of the Yacht Club de Monaco in this way and feel the efforts of both Jaguar Vector Racing, XShore and Silent Yachts should also receive special recognition for a commitment to sustainability and the development of technology."



## ENVIRONMENTAL AWARD WINNER

### Yacht Club de Monaco - *Monaco Solar & Energy Boat Challenge*

Organised since 2014 by the Yacht Club de Monaco, in collaboration with the Hydros Foundation, International Powerboating Federation (UIM) and Prince Albert II of Monaco Foundation, the Monaco Solar & Energy Boat Challenge allows young engineers the opportunity to develop alternative

propulsion systems to power tomorrow's yachting using only clean energy sources.

The event presents daily "Open Source" talks of shared work and ideas as well as three classes (Monaco, Solar and Offshore) and four days of racing. The Monaco Energy Class sees competitors, engineering students and industrialists tasked with building a one-design catamaran hull specially designed for competition, building a cockpit for their boat and designing the most powerful and durable propulsion system possible, all from a given amount of energy.

Highlighting solar energy, the Solar Class features an endurance fleet race, timed slaloms and one-on-duels organised under the patronage of Bertrand Piccard, the man behind Solar Impulse, the first fuel-less zero-emissions plane with limitless autonomy. The Offshore Class sees an offshore race staged from Monaco to Ventimiglia for boats that must comply with YCM Offshore Class requirements, which means being able to take three people and meet technical specifications defined in collaboration with the UIM. This year's event will be staged in Monaco in July 2019.

## SPECIAL MENTION for "Greening the Sport"

### Jaguar Vector Racing - *JVR Outright World Electric Speed Record Attempt*

In 2018, the Jaguar Vector Racing team took up the challenge of breaking the ten-year-old UIM outright world electric speed record number of 76.8 mph in partnership with Jaguar and technical partner Williams Advanced Engineering (WAE).

WAE were engaged to build the electric systems and Vector selected a suitable former F1 boat and modified it to allow the electrical systems to replace internal combustion system. The project used cutting edge technology seen in racing series such as the FIA's Formula E - the first time such technology had been adapted and integrated into a boat. The aim of the world record attempt project was to learn as much as possible about green technology and to utilise it into the range of production craft.



The record-chasing boat went through vigorous testing and several modifications to ensure it would be safe at the speed required to break the existing mark. And in June on Lake Coniston, with the experienced figure of international powerboat racing legend Peter Dredge at the wheel, the project smashed the world record taking the outright electric world record from 76.8 mph to an average speed of 88.6 mph. The team now plans to take this environmentally-friendly speed record over the 100mph mark.



### **SPECIAL MENTION for “Environmental Benefit”**

#### **Silent Yachts - *Silent 55* and *Silent 80***

The Silent 55 and Silent 80 are solar-powered luxury catamarans developed and produced by Silent Yachts, an innovative Austrian company specialising in creating ocean-going yachts with alternative energy supplies. The Silent 55 and Silent 80 are just two products designed to provide a luxury cruising experience, while respecting the environment.

From 2005 to 2009, company founders Michael and Heike Köhler worked on testing alternative power sources, with energy production and consumption measurements and focus on self-sufficient power supply as well as electric propulsion. Their commitment resulted in the launch of the Silent 55 in September 2018 at the Cannes Yachting Festival, where the craft was the only ocean-going, 100% solar-powered boat on display.

The Silent Yachts range is a step forward in sustainable development with next to no fuel costs and all energy and propulsion systems - including solar panels, batteries and electro-motors - being virtually maintenance-free. As well as direct long-term benefits for the environment, Silent Yachts also aims to create awareness that luxurious yachting does not have to contradict environmental responsibility.

A whole new class of catamaran, Silent Yacht technology can also benefit marine biology research and diving projects in environmentally sensitive areas as well as help develop solar-powered public ferries to transport passengers without polluting air and water.

### **SPECIAL MENTION for “Innovation”**

#### **Xshore - *X Shore’s technology***

In the words of the Swedish company, X Shore’s philosophy is “all about shaking up the marine technology industry to make it 100% electrical”. Using new technology, innovative research, smart design and sustainable materials to produce a 100% electric boat, X Shore aims to embrace the long tradition of



maritime craftsmanship, while leaving fossil fuels behind.

From a technical point of view, X Shore is the only electric boating company focused on improving the power train to make the boat 50% more energy efficient and 25% faster. From a practical point of view, X Shore is opening access to electric boating to everyone, whether it be in leisure, hospitality, watersports or transportation.

Founder Konrad Bergström, an UNOPS Innovation Ambassador, is dedicated to engaging people about energy and waste and the biodiversity that can be found in the oceans. X Shore's technology offers clear benefits, namely technology that will drastically cut CO2 emissions, protect the oceans from oil spills, reduce the noise of boat engines, and respect animals and their environment. The aim is also to provide vessels that will allow cities new ways of commuting and reduce road traffic, while creating new opportunities for eco-tourism.

**About the Union Internationale Motonautique.** The UIM is the world governing body for all Powerboating activities. It is fully recognized by the International Olympic Committee (IOC) and is a member of the Association of the IOC Recognized International Sports Federations (ARISF) and of SportAccord for whom the UIM President serves respectively as President and acting President. The UIM has 63 affiliated National Federations. Circuit, Offshore, Pleasure Navigation, Aquabike and MotoSurf are the main disciplines. The UIM has signed a Cooperation Agreement with the United Nations Environment Program (UNEP) to further its range of environmental initiatives, share expertise and work together for "greening" the Sport.