



Monaco, March the 4th 2017

Press release

Terra Modena Mechatronic is the winner of the 2016 Environmental Award of the UIM

The Award was presented to Dario Calzavara – Ceo of Terra Modena Mechatronic - during the Gala Dinner of the UIM at the Salon des Etoiles at the Sporting Club of Monaco

➤ **Terra Moderna the electric navigation era begins**

Terra Modena Mechatronic is an Italian engineering company founded by an internationally experienced manager with a notable past in racing and the industrial sector. His name is Dario Calzavara and he managed the Ferrari F1 team during the Gilles Villeneuve, Didier Pironi, Rene Arnoux, Patrick Tambay and Michele Alboreto years. He worked directly with mr. Enzo Ferrari himself and great engineers like Mauro Firghieri and the late Harvey Postlethwaite. After his brilliant career with Pirelli as R&D director, in 2015 he created Terra Modena Mechatronic, a company specialising in designing and manufacturing fully electrical powerunits for cars, and now, for racing and every day normal use boats. In 2014 he created the first 100% electrical product: a single seat racing car, the Terra Modena SG 1, that was used as a laboratory for the development of high-performance electrical systems. "My 'electrical' story begins in 2012 when, at the Shanghai Expo, I saw what they were developing in China and the importance they gave to the environmental problems; and I have to say that I was overwhelmed by their vision - states Calzavara - then I went to the US at the Center of Automotive Research of the Ohio University, to South Carolina at the Greenville Glemson University and to Korea and Taiwan where they have all the Polymer Lithium cells high tech manufacturers. I had learned the fundamentals, did some networking and finally started my company. In Modena and Maranello, a few miles from my home and at the University of Parma and at Milano at the Politecnico I met extraordinary technicians and people". Thanks to mr. Niccolò Sangermano, the Promoter of the World Championships for powerboats, Dario Calzavara has the opportunity to be in touch with the world of powerboating, at the end of 2015. Since then the project to design an Electric Integrated Propulsion System for both racing boats and high performance 'normal' boats, began. Soon it will be possible to navigate European internal waters and marine parks with fast boats, with long autonomy and in completely environmentally friendly way .

The business idea is to offer something that is not present in the market: "it is already known – says Calzavara - that in the inner European lakes and rivers, the use of private diesel boats in almost banned, the same applies for the marine parks". The Terra Modena EIPS grants a

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long autonomy and high performance thanks to its very advance technology for motors, battery cells, battery management system and electronic. “The Terra Modena EIPS system, for racing boats, where EIPS stands for Electric Integrated Propulsion System has a 42kWh energy capable of powering one or two 200kW (approximately 272 HP each) motors. ”We will never be a boat manufacturer – Calzavara finishes – our engineering company will offer a range of propulsion systems that will be used for any kind of private boats and superyachts tenders. The range of EIPS will be completed in the next months even for small boats but always granting a great autonomy and performances”.

Can the EIPS be used in several kind of boats ? : “The motor of the EIPS can have an orizontal position as in the CHINA BUND product, in this case for outboard boat with stern drive, or vertical for inboard board with direct axle propeller system.

What about cars? “It is a bit too early to speculate” Calzavara replies, but he let's understand that there is an ongoing project based on the development of the Terra Modena SG 1. As often happened in the car and nautical history, races are a laboratory for consumer products.