

E'DYN E'DYN HAS GAINED A SUCCESS AFTER SUCCESS AND IS PENETRATING THE WORLD MARKET

The **e'dyn brand** creates innovative and complete technical solutions for electric drives in the field of nautical industry. Through constant innovation and analysis, it enables and produces top-quality finished products under its own brand, which are distinguished by their reliability, quality, strength, durability and top-quality appearance.

E'DYN - MONACO ENERGY BOAT CHALLENGE / 2nd - 5th JULY 2024

The elite **Monaco Energy Boat Challenge** took place in Monaco between 2nd and 5th July. Founded by visionaries Prince Rainier and Prince Albert II, this prestigious meeting has evolved over the years into one of the most important events for maritime enthusiasts. They have created a legacy that seamlessly combines tradition with innovation, friendship with competition, and passion with excellence.



THE
IMAGINATION
OF THE FUTURE
BOATS BEGINS
IN MONACO



The nautical challenge is focused on **innovation and sustainability**. The participants presented newly discovered technologies, innovative materials and alternative propulsion systems that reduce the impact on the environment while maintaining nautical performance. This includes using solar energy, hydrogen, electricity and other renewable energy sources to power the boats. The challenge is to foster creative solutions that prioritize sustainability without compromising performance. The participants demonstrated their ideas with practical and feasible designs and prototypes. It is particularly important to emphasize the **positive impact** of these innovations on the maritime industry and the environment.

INNOVATIVE
BOATS IN
THE MONACO
MARINA



PREPARATIONS
BEFORE THE
COMPETITION



The **e'dyn team** was also part of the exciting competitions set against the stunning backdrop of the Monaco coast.

An unforgettable spectacle unfolded of passionate innovators competing for supremacy and pushing the limits of what is possible on the water.

The competition was held in three different branches: **Open Sea Class, Energy Class in Solar Class**. Our **Croatian neighbors** also competed in the **Open Sea Class with the Adria Energy Boat Team** and, in combination with their excellent boat and **e'dyn 1120 engine**, achieved an excellent **2nd place** overall in the **Championship Race** category.

CONGRATS
TO OUR
NEIGHBORS FOR
WINNING 2ND
PLACE



In the **Open Sea Manoeuvrability Trial** category, the e'dyn team with a **VSR boat including 25 kW e'dyn engine and a 28 kW battery** achieved an equally **excellent 2nd place**. This test required a great deal of precision and finesse in driving.

Of course, there was also the **visit of Prince Albert II**, who infused the e'dyn team with additional enthusiasm and confidence that they are on the best path with their excellent innovations, which of course they constantly prove with their exceptional results.



E'DYN – VENICE BOAT SHOW / 29th MAJ - 2nd JUNE 2024

Between **29th May and 2nd June** the fifth edition of **Venice Boat Show** took place – international exhibition of vessels and nautical novelties. For the fourth year in a row, the company Podkrižnik d. o. o. also took part in the show. **Podkrižnik** is representing the brand **e'dyn** [electric dynamic nautics]. E'dyn creates innovative solutions for electric propulsion technology in the nautical field. The brand offers smart propulsion systems for vessels, boats in several versions and with different power. With constant analysis and innovation, it enables the highest quality comprehensive solutions and manufacture products that are distinguished by reliability, strength, durability and superior appearance.



THE VENICE
BOAT SHOW
WAS HELD FOR
THE FIFTH YEAR
IN A ROW



The exhibition took place in the historic **Arsenal**, a symbol of the centuries-old military rule of the Serenissima Republic, which has been transformed into an ideal venue for international shipbuilding excellence. **Over 270 exhibitors** and **300 vessels** occupied a sea surface measuring **55,000 square meters**, with more than **1,100 linear meters of quays** and **30,000 square meters of outdoor exhibition space** on the historic Theseus. The **Venice Boat Show** is also an opportunity to talk about environmental sustainability and the deepening of educational and sports activities, whose protagonists are the sea and the lagoon. Great importance is given to **design and innovation**, electric, hybrid and hydrogen propulsion, as well as the traditional shipbuilding of the lagoon, the pride of the amphibious city.



THE
ARSENAL
HAS A RICH
HISTORY





e-regatta

In step with the times – a large part of the exhibition area was also dedicated to **e-boats**, which represent the future of sailing. More than **30 different providers** were exhibiting, which compete against each other every year at the already quite high-profile **e-regatta**. *Slalom* and *Balerina* are the disciplines that mark the agility and elegance of silent boats. The **Podkrižnik company** has celebrated victory with **e'dyn** at the e-regatta **for three consecutive years** [2021-2023]. This time the competition was also truly fierce: *Frauscher by Porsche*, *As Laburna*, *E-Jet*, *M800 Spider*, *De Antonio 23* and several other well-known e-regatta participants. However, **e'dyn** did not disappoint. In the *Slalom* discipline, it demonstrated the excellent performance of the electric drive with its boat: fast acceleration and precise handling of the vessel with the high power of the 25 kW **e'dyn 2035** engine were more than enough to win the fourth consecutive victory. The **e'dyn boat** is extremely light due to its aluminum body, which in turn affects exceptional maneuverability, while the 28 kW battery pack ensures a long driving autonomy even under the highest loads.



NEW
CONQUERED
MEDAL
FOR E'DYN
TEAM



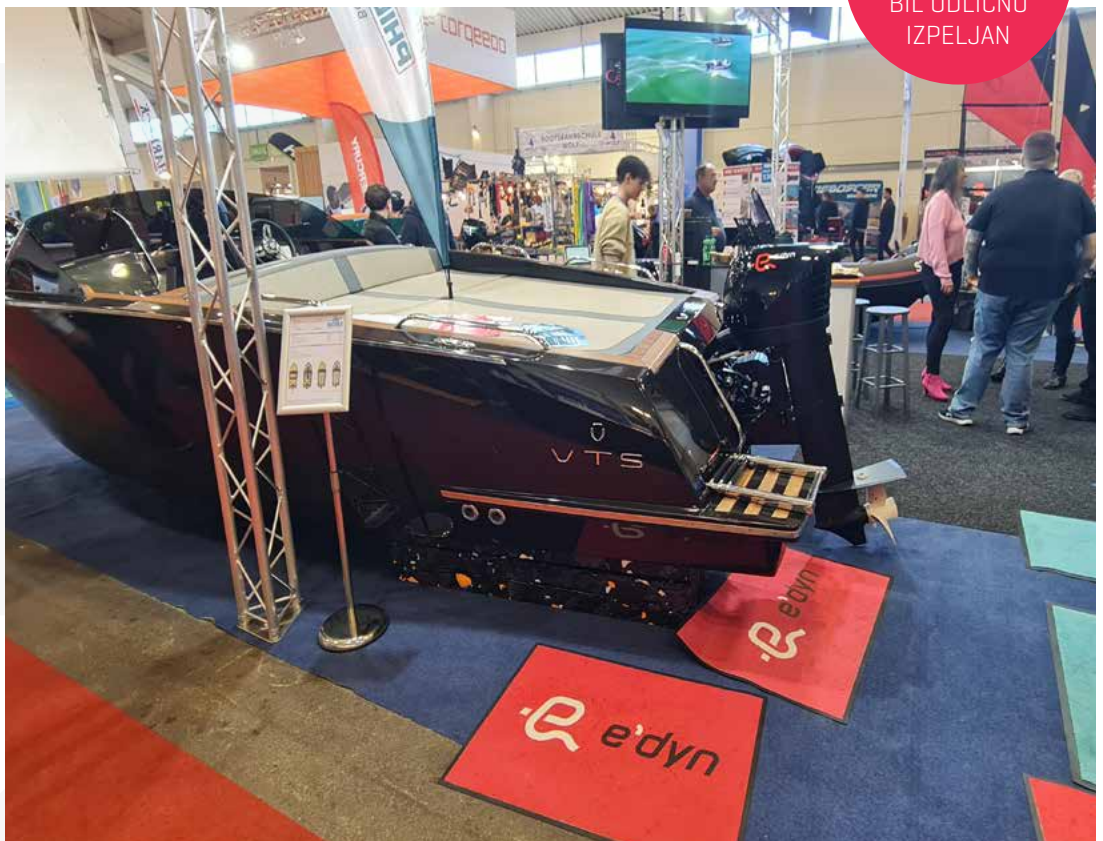
Congratulations for winning the fourth consecutive laurel in such an exceptional global competition!

E'DYN – BOOT TULLN / 29th FEBRUARY – 3rd MARCH 2024

From February 29th – 3rd March, Austria's largest boat fair took place. "Total water sports" is the motto of the **Austrian Boat Show – Boot Tulln**. The largest and most diverse boat and water sports trade fair is the meeting point at the ideal time shortly before the start of the season. **360 exhibitors from 16 nations** present the entire world of water sports: motor boats, sailing boats, luxury yachts, electric boats, canoes and kayaks, charters, tourism, boating holidays, fun and diving sports and lots of accessories.



NAJVEČJI
NAVTIČNI SEJEM
V AVSTRIJI JE
BIL ODLIČNO
IZPELJAN



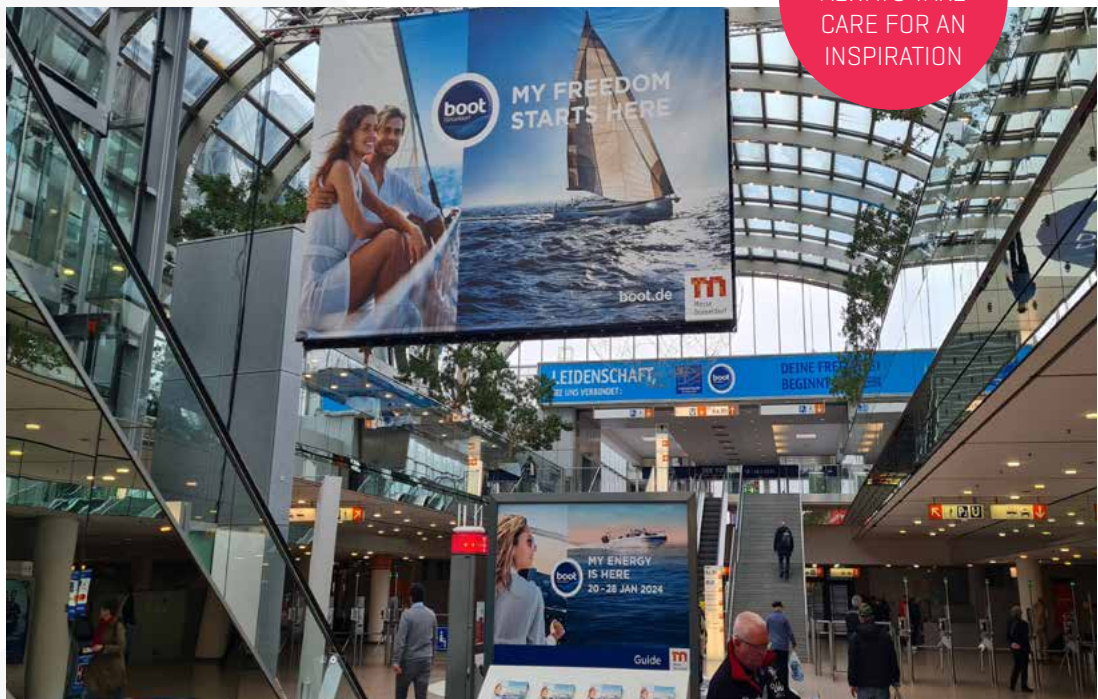
E'DYN - BOOT DÜSSELDORF / 21st - 29th JANUARY 2024

We successfully completed Boot Düsseldorf!

With almost **214,000 visitors** from over **120 countries** and more than **1,500 exhibitors** from **68 nations** on **220,000 square meters** in **16 exhibition halls**, **Boot Düsseldorf** is the largest yacht and water sports trade fair in the world. Both **sailors** and **motor boaters** will find the right boat for them here. Whether dinghy, yacht or luxury yacht – the comprehensive range speaks for itself. The various water sports from **diving, surfing, skimboarding, kitesurfing, stand-up paddling and canoeing** are in focus at boot with the corresponding equipment available. Attractive stage programs with interesting interview partners from the industry, the latest trend sports offerings and a top-class mix of workshops and hands-on activities, both for recreational athletes and experts, make the trade fair unique worldwide.



BOOT
DÜSSELDORF
ALWAYS TAKE
CARE FOR AN
INSPIRATION



Boot Düsseldorf has also published **interesting statistics** on the interest of visitors to the fair on its website:

Boot Düsseldorf was able to increase both the proportion of **trade visitors (from 18 to over 21 percent)** and **the internationality of its customers (from 23.7 to 34.3 percent)** and is the only water sports show in the world that attracts people from all continents has as a guest. The majority of visitors were interested in **sailing boats (42 percent)**, followed by **motorboat fans at 38.2 percent**, followed by **divers (27 percent)**, **charterers (11.7 percent)** and **surfers (9.8 percent)**. But water sports clothing and tourism are also very popular at boot and had very high popularity ratings at **25.7 percent (clothing)** and **19.4 percent (travel)**.

A high number of **visitors (94 percent)** expressed themselves **extremely positively about the trade fair offering**.



e'dyn weaving its network globally

Our presence at all nautical fairs, as well as various events, is noticeable.

With top products and an excellent team, we have already made many acquaintances and business collaborations.

Our high-quality, advanced and aesthetically perfect products **impress many users around the world**, – that's why we invite you to visit us in February at the fair in **Zagreb!**

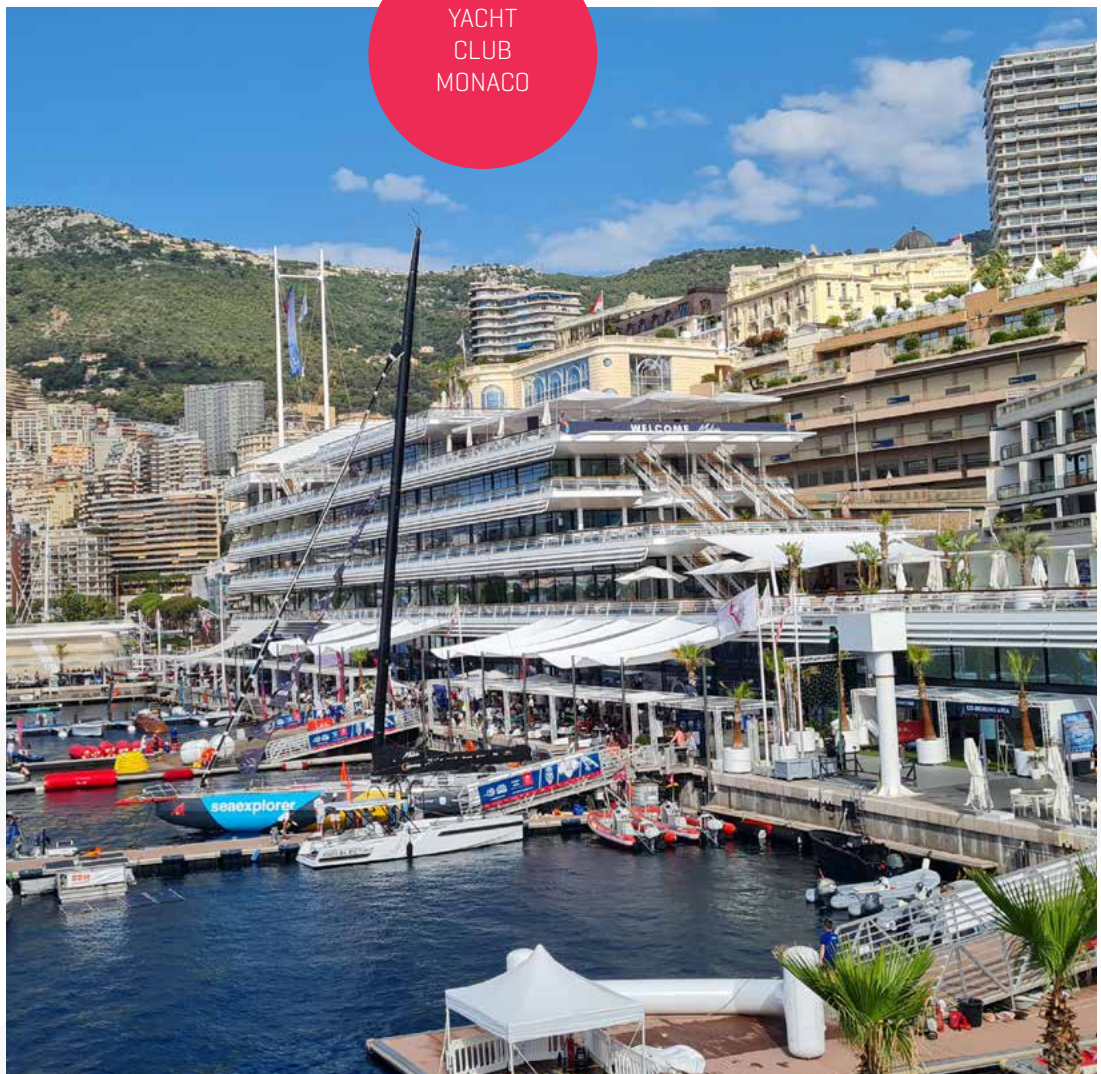
E'DYN – MONACO ENERGY BOAT CHALLENGE / 5th JULY – 8th JULY 2023

The **Monaco Energy Boat Challenge**, an extraordinary and spectacular event is celebrating its tenth anniversary this year.

Already a decade ago, the event visionarily connected the main players in the nautical industry to jointly **build a responsible future** for our planet, our oceans and future generations.

Ecological navigation and sustainability are key elements for realizing the ecological transition.

The traditional event was organized by the **Monaco Yacht Club** in cooperation with the **Monaco Foundation of Prince Albert II.** and the support of world-famous partners such as Credit Suisse, BMW, SBM Offshore, Oceanica Shipyard, Ferretti and many others.



As a point of interest, a good century has passed since the first meetings of boats, which even then attracted the world's industrialists to discover new propulsion innovations.

The Principality of Monaco thus already maintains a long tradition as a **“technology laboratory in the capital of advanced sailing”**.

After the traditional parade in which all vessels participate, the competitors competed in the qualifiers for the following day's competition: the **Championship Race**. The **Open Sea Challenge** took place in three categories: **Solar Class**, **Energy Class** and **Open Sea Class**.

More than **50 teams** took part in the competition, which tested themselves in qualifying runs and maneuvering.





Competitors in all three categories showed interesting strategies with which they scored as many points as possible and at the same time showed the performance of their boats.

In the **Solar Class**, the Netherlands monopolized the first three places. Team *Sunflare* was in the lead, followed by *Han Solarboat* and *Hogeschool Val Hall Larenstein*.

In the **Energy Class** competition, where all teams have the same catamaran hull design and must design an efficient and durable propulsion system using alternative energies, the Italian *Uniboat* celebrated. Second place was also taken by the Italians in the *UniGe Elettra* team, followed by the Croatian *Adria Energy Class Boat* team.

In the **Open Sea Challenge** class, the British dominated with certified boats, where *Vita-Seadog*, *Vita-Seal* and *RS Electric Boats* celebrated their victory with excellent maneuvering. In the non-certified group, the *TU Delft Hydro Motion group* from the Netherlands won, beating the Italians from the *Ferretti group*.

The **e'dyn** team took **fifth place** in the **Open Sea Challenge** class.



E'DYN
TEAM AND
PRINC
ALBERT II.

Traditionally, the **e'dyn team** was once again greeted by **Prince Albert II**. We have quite a few photos in our archive where **Prince Albert II**. and Igor chat like old friends.

Who knows, maybe **Prince Albert II**. will someday visit our company? In any case, the **e'dyn team** is always honored by such a special visit, and the **Prince Albert II**. himself was once again happy to pose in front of the photographer.

Every visit to **Monaco** is really something special.

The **e'dyn team** will definitely take part in this inspiring event again next year, so all nautical enthusiasts are already invited!



E'DYN
- CUSTOM
MADE

E'DYN – AFTER MEASUREMENT OF INDIVIDUAL

In cooperation with the vessel manufacturers, **e'dyn** is constantly looking for new optimal solutions which try to meet the most diverse customer requirements. The unique characteristic of the **e'dyn** brand is that it was created with an important thought: It must be custom-made. It realizes that each individual has his unique desires, so **e'dyn** offers tailor-made solutions for everyone. Whether it is the visual aspect or an upgrade of the motor system on a new or existing vessel, **e'dyn** allows a final product which, according to user needs and wishes, is constantly seeking new optimal solutions for the vessel to be fully adjusted.

All **e'dyn** products are developed on the basis of a wide range of technical experience and tested in well-equipped laboratories which enable real-time updating and upgrading of final products. Excellent technical equipment allows products to develop faster and better. Similarly, **e'dyn** does not neglect its social responsibility, which is taken seriously and is focused on reducing carbon footprint, using recycled materials and maintaining clean water.

»The luxury that you can move almost unheard is the most beautiful experience of navigating a boat powered by electric power. The whole chapter in the literature of the shipbuilding industry is designed to reduce noise in the propulsion system. The electrical system with steady rotation has a low level of noise and vibration. Hence, navigation in silence is priceless«

E'DYN – A SHORT STORY

E'dyn is a brand of the **Podkrižnik** family company, which has been developing, manufacturing and marketing intelligent drive systems for various fields and industries around the world for several decades. With its unstoppable vision, the company creates shifts in the production of drive technology in various industries and sectors. Under the navigation of the umbrella company and its global network of development partners and suppliers, **e'dyn** fulfills the wishes of all who are guided by the heart along the waterway.



E'DYN
VESSEL IN
FRONT OF
PODKRIŽNIK
D.O.O.

The abbreviation **e'dyn** is an abbreviation of »**electric dynamic nautics**« or electric propulsion systems, which are produced in the Upper Savinja Valley.

e'dyn was originally created as a research project. The first electrical product of the company was an e-bicycle engine. As the company sees the future in the electrification of water, the development of the brand **e'dyn** is on an active rise.



E'DYN
CAN BE
CUSTOMIZED
AS YOU
WISH

E'DYN - FUTURE EVENTS

E'dyn, with its presentation and participation, continues at sea fair in future. All the nautical enthusiasts interested in the alternative voyage of **e'dyn** to their display rooms, where they will be able to convince themselves of quality and unique systems, which are certainly the coming winners of the new era of navigation. However, all potential business partners, as well as end-users, are invited to **Podkrižnik d.o.o.**, where they can consult experts about desired systems and test them.

The future of navigation is enthusiastically outlined, and with an **e'dyn** vision the impossible can be possible.

THE FUTURE
OF SAILING
FOR NAUTICAL
ENTHUSIASTS

