

The logo features the word "AQUA" in a large, bold, teal sans-serif font. The letter 'Q' is stylized with a diagonal line extending from its bottom right. Below "AQUA" is the word "superPower" in a smaller, teal, lowercase sans-serif font, with the 'P' capitalized.

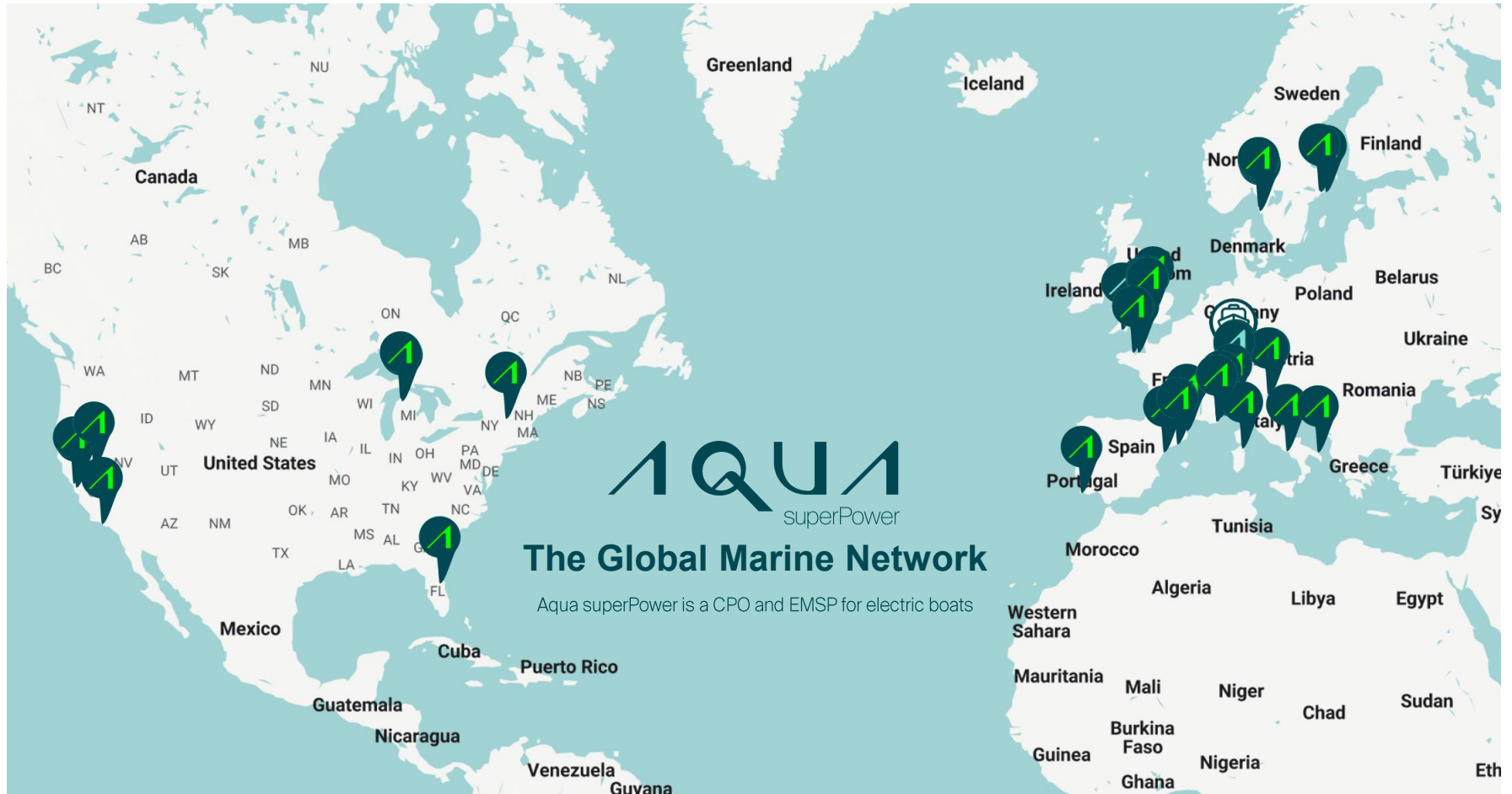
# AQUA superPower

Supercharging Global Marine Infrastructure

# The Mission

To reduce the impact of boating on the marine environment through the development of an all-electric and integrated global ecosystem of marine superchargers.

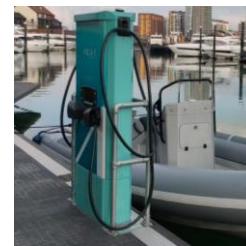
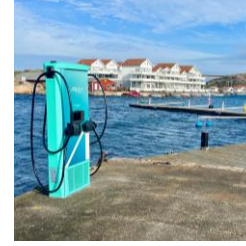




**AQUA**  
superPower

## The Global Marine Network

Aqua superPower is a CPO and EMSP for electric boats



Barcelona | Brindisi | Barcelona | Cannes | Lake George | Lago Maggiore | Lake Tahoe | Monaco | Naples |  
Saint-Tropez | San Francisco | Skaftö | Solent | Stockholm | Traverse City | Venice | Ventimiglia



April 2022 (UK)

### CMDC 1 – MeLL project

Installation of 5 marine fast chargers in Plymouth to create the first charging hub for electric boats.

The consortium led by the University of Plymouth received **£ 570,000,00** funded by the UK Department for Transport and delivered with Innovate UK.

April 2023 (UK)

### CMDC 3 – Zero Emission Cross River Ferry

Commercial fully electric passenger ferry with dedicated fast charging infrastructure at Canary Wharf on the Thames.

The consortium received **£ 6.3 million** funded by the UK Department for Transport and delivered with Innovate UK.

September 2023 (UK)

### ZEVI – ZENOW project

Installation of 5 marine fast charging stations to power up to 20 electric workboats.

The consortium led by RS Electric Boats secured **£ 4.1 million** funded by the UK Shipping Office and delivered with Innovate UK.

June 2024 (UK)

### CanUK – Vessel to Grid Project

The project will deploy bi-directional chargers and electric vessels in Plymouth, UK, and Halifax, Canada.

**£ 1.8 million** funded by Innovate UK and Canada's Ocean Supercluster.

September 2024 (US)

### Maine Ocean Farms Electrification project

Collaborative project with Vita(Evoy) to design and build a fully electric custom workboat for oyster farming with dedicated charging stations.

**\$ 500k** funded by the US Department of Energy and **\$ 500k** matching funding.

## Proven Record on Supporting & Leading Public Funding Projects

2022

Total project funding:  
£ 0.77m

December 2022 (UK)

### CMDC 2 – VBEV project

Aqua publishes whitepaper exploring the potential of Vessel-to-Everything (V2X) in maritime applications.

The consortium led by Aqua secured **£ 195,000,00** funded by the UK Department for Transport and delivered with Innovate UK.

2023

Total project funding:  
£ 22.5m

June 2023 (UK)

### CMDC 3 – Electric Seaway

Installation of 10 marine fast charge sites along South Coast UK for leisure & commercial vessels.

Aqua leads a consortium which secures **£ 3.2 million** funded by the UK Government and delivered with Innovate UK.

September 2023 (UK)

### ZEVI – Zero-Emission Electric Freight Vessel for the Thames

Fully electric freight vessel & dedicated charging infrastructure, providing fast parcel delivery located at Tower Bridge on Thames. Consortium led by Thames Clippers secured **£ 8.9 million** funded by UK Government.

2024

Total project funding:  
£ 6.45m

May/June 2024 (UK)

### CMDC 4 – VBEV Demo + ZETour – Zero Emission Tourist Vessel

World's first vessel-to-grid project. Consortium led by Aqua secures £317k funding from UK government.

Fully electric high-duty-cycle tour vessel w/ dedicated charging infrastructure on Thames. Consortium secures **£ 1.48 million** funded by UK Gov.

October 2024 (France)

### LHD Marine Mooring Boat

Lamanage Huchet Desmars Group teams up with Aqua to launch France's first fully electric mooring boat, set for 2025.

The project is supported by **€ 2.5 million** funded through the ERDF's REACT-EU program.

# More than £ 26 million funded by the UK Government with Innovate UK

Aqua SuperPower has been involved in the projects as charging infrastructure supplier to quickly refill these 100% electric vessels



ZeTour  
320 passengers



Thames Clippers  
150 passengers

thames clippers



Thames Clippers  
Freight Vessel

Wight Shipyard Co & Thames Clipper successful partnership with WSC having delivered 4 vessels to TC and have 3 more in various stages of build.

**June 2021 (Italy)**

### **Venice Boat Show 2021**

Aqua is **Technical Charging Partner** at Salone Nautico Venezia 2021 and presents its cutting-edge 150 kW marine fast charger. In this occasion, Aqua also inaugurates the first Italian DC marine charging station at Isola della Certosa.

**June 2022 (Italy)**

### **Venice Boat Show 2022**

Aqua is **Technical Partner** at Salone Nautico Venezia 2022 and makes a strong impact at the event with its extensive network of 18 AC and 2 DC chargers installed in the historic Arsenale, supporting the growing industry of electric boat makers.

**June 2023 (Italy)**

### **Venice Boat Show 2023**

For the third consecutive year, Aqua is the **Technical Partner** at Salone Nautico Venezia 2023, unveiling the AquaPOD, a customised charging post designed to blend seamlessly into Venice's unique architecture and environment. Aqua supports the event with AC and DC chargers.

**June 2024 (Italy)**

### **Venice Boat Show 2024**

Aqua is the **Technical Partner** at Salone Nautico Venezia 2024 for the fourth consecutive year, with two DC chargers and several Aqua PODs. Aqua also unveils its AquaLink technology, that simplifies the charging process handling boat identification, authorisation and billing automatically.

**July 2024 (France)**

### **Aqua supports Vita at Olympic Games 2024**

Aqua supports Vita Power in their role as sole supplier of electric boats to the Paris 2024 Olympic Games. Over the course of the Games, Aqua has delivered over 6.000 kWh of DC marine fast charging to the fleet of 19 fully electric Vita RIBs.

## Experienced Infrastructure Provider for Electric Marine Events

2021

2022

2023

2024

**September 2021 (France)**

### **First Aqua E-Marine event**

Aqua organises the first event dedicated to fully electric boats and hosted by the Port of Saint-Tropez. Aqua succeeds in creating an educational industry showcase of mutual collaboration and co-operation between the main actors leading the transition to zero-emission electric boating.

**July 2022 (Europe)**

### **Charging Partner to SailGP 2022**

SailGP partners with Aqua to provide marine fast charging for its electric support boats, starting with the GB Sail Gran Prix in Plymouth. Aqua supports the DC charging boats such as the RS Pulse 63 and the Vita Seal.

**July 2023 (Monaco)**

### **Energy Boat Challenge 2023**

In collaboration with the Yacht Club de Monaco, Aqua, as Technical Partner of the Energy Boat Challenge, launches the first E-Dock, a floating pontoon equipped with AC chargers, capable of powering over 20 electric boats.

**July 2024 (Monaco)**

### **Energy Boat Challenge 2024**

Aqua partners with the Yacht Club de Monaco to create the world's largest and most powerful marine fast charging installation on a single pontoon. As technical partner for 2024 edition Aqua installs AC and DC charging stations to support the Open Sea Class during the event.

**October 2024 (Italy)**

### **Aqua supports Vita at Barcolana 56**

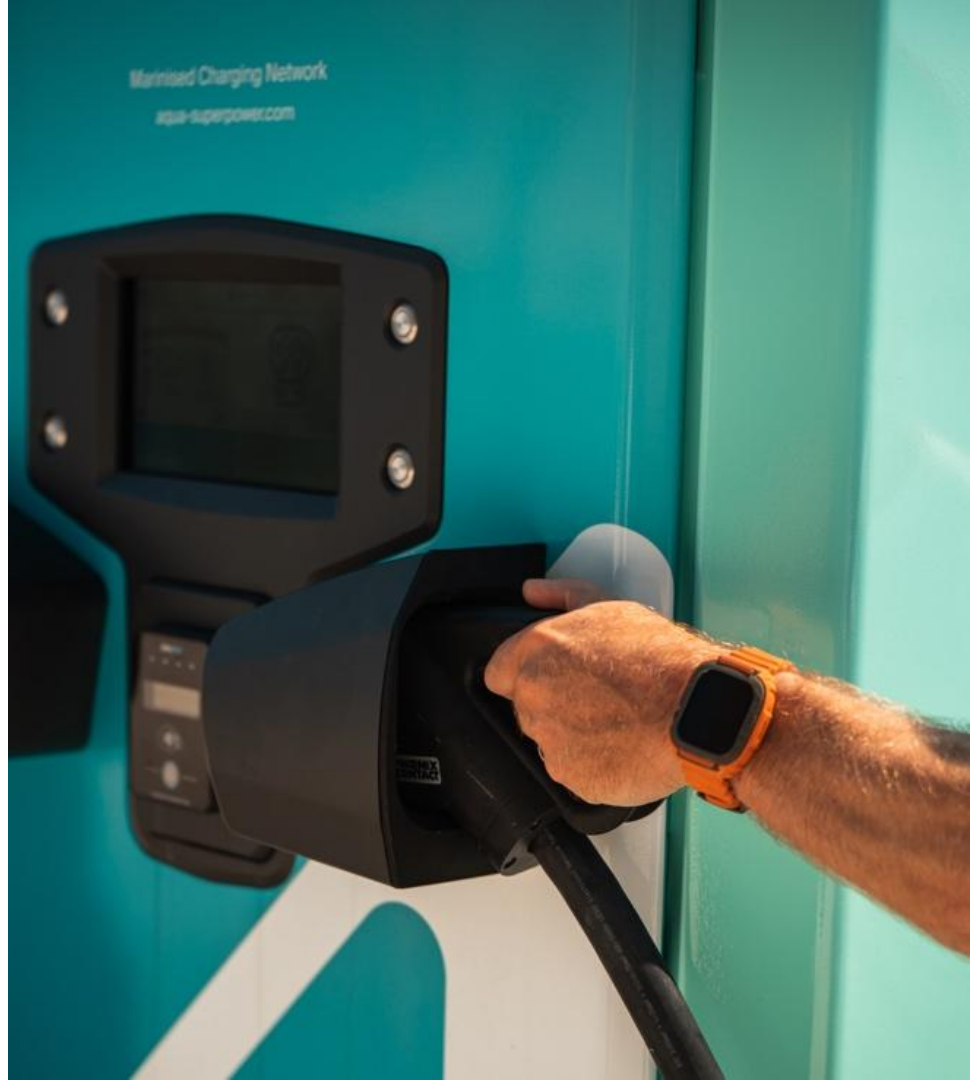
Aqua provides DC fast charging for two Vita Power support boats during the prestigious Barcolana, one of the largest sailing races in the world held annually in the Gulf of Trieste.

# AQUA superPower™

AQUA superPower™ is the first fully marinised dockside network of fast chargers for electric boats.

The product range includes AC and DC charging solutions with a maximum power output of 350 kW and rated specifically for use in marine environments, allowing DC compatible powerboats to rapidly recharge and extend their autonomy.

Built to IP65 standards, Aqua superPower is a revolutionary and environmentally-conscious marine charging solution.



AQUA  
superPower

2<sup>nd</sup> generation Aqua  
superPower charger installed  
in the Port of Saint-Tropez

Up to 75 kW DC





Up to 200 kW DC

3<sup>rd</sup> generation Aqua  
superPower charger installed  
at Monaco Yacht Club

**AQUA**  
superPower



Up to 22 kW AC

Aqua Pod Venetian style  
installed in the Arsenale  
during Venice Boat Show

**AQUA**  
superPower



AQUA  
neptune

Neptune security team constantly provides the best security practices to prevent electrical infrastructure cyber attack.



Customers can use Aqua app or ID card to charge.



In-built billing and debt management and contactless payment service.



AQUA  
SuperPower

Connects with OEMs providing vehicle integrated charging services for a global, go anywhere experience.

Connects to local power grid providing services to monetise support the local grid.

Power grid



24/7 multilingual customer care and self service support centre.

Marina



Optimise power consumption to minimise electricity cost across the marina.

Constant compatibility testing for OEM boat hardware, predicts charging faults and maintenance events.



Direct current (DC)  
supercharging up to 400kW.

# Building on established developments in the automotive industry

## CCS → Safety is Paramount

- Communication protocols ensure the connector is plugged in before contacts are made live
- Charging will only commence if both the boat and the charging station are ready
- State and rate of charge modulated via the high-level communication (HLC) using the CP contact (see diagram)
- HLC allow Plug & Charge as well as load balancing

Standardised – Safe - Proven

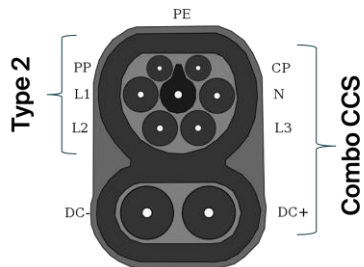


ISO 15118



IEC 62196

Boat Plug - Combo CCS  
IEC 62196

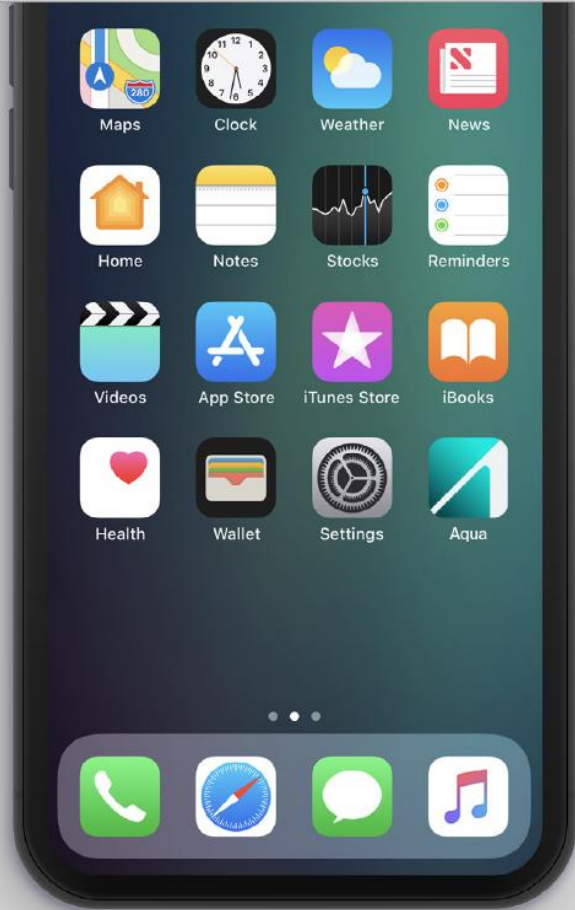


DC (Combined Charging System)  
Up to 350 kW – charge & go  
Typical recharge time 20mins – 2hours



Type 2 AC – up to 22 kW  
Overnight charging or up to 3 days\*

\* Depending on power & size of battery



2.000+ users on our AQUA app



Cloud-based Platform

Instant User Access | Navigation | Network status | Billing

# Onboard Charging on Yachts

Aqua superpower has gained relevant experience in delivering custom charging solutions on Yachts and Superyachts, both the in the toys and tender garage and in the water.

- Standard AC & DC chargers can be offered, from 7 kW AC, to 40 kW AC and up to 200 kW DC.
- Tailormade AC & DC charging solutions up to 300 kW DC can be integrated on the Yacht.
- Custom solutions, including longer cables or special communication with the Yacht control system can be offered.

Any yacht enquiry can be addressed to [onboardcharging@aqua-superpower.com](mailto:onboardcharging@aqua-superpower.com)



## Alpine environment

Aqua superpower is working on several projects in ski resorts and mountain areas to support the growing demand of electric snow mobiles and snow groomers.

Aqua can support with IP65 and IP67 charge stations suitable for the alpine environment:

- Standard AC & DC chargers can be offered, from 7 kW AC and up to 200 kW DC.
- Tailormade AC & DC charging solutions up to 300 kW DC.





TW CONSULTING  
& TRADE LTD.

TW Consulting & Trade Ltd. (Malta)

Wolfgang Tweraser  
CEO/President

Tel EU: +356 2701 9052 (office)  
Tel EU: +356 9942 9829 (mobile)

[wolfgang@TWCTMT.com](mailto:wolfgang@TWCTMT.com)  
[www.TWCTMT.com](http://www.TWCTMT.com)