

Dhamma Blue: the first hydrogen-powered recreational boat shaping the future of sustainable navigation

CANNES, September 10, 2025 – Silent, innovative, and zero-emission: this is **Dhamma Blue**, the first hydrogen-powered recreational boat fully designed and built in Spain. A pioneering project that not only opens a new horizon in maritime mobility but also places Spain at the forefront of the transition toward decarbonized boating.

Green hydrogen: clean energy on the water

The key to [Dhamma Blue](#) lies in its **hybrid propulsion system**, which combines **electric propulsion with a hydrogen fuel cell**.

This innovative setup allows the boat to navigate approximately **65 nautical miles at 12 knots**, overcoming the range limitation of purely battery-powered electric boats, with a top speed of **28 knots**.

Hydrogen is stored in an onboard tank and, when combined with oxygen in the fuel cell, generates electricity to power the engine. The only byproduct of this process is **water vapor**, regardless of the hydrogen's origin, ensuring a completely clean emission-free navigation.

"If the hydrogen used is green, then the circle is fully closed," explains Robin Imaz, naval engineer, co-founder of Dhamma Blue, and the boat's designer.

Silent and respectful navigation

With no engine noise or vibrations, **Dhamma Blue** offers a unique sailing experience that respects both passengers and the marine environment. This makes it an ideal option for sensitive ecosystems such as lagoons, canals, or protected marine areas, where reducing acoustic and environmental impacts is essential.

Design and comfort with a sustainable vision

With a length of **7.90 meters**, **Dhamma Blue** features:

- A swim platform
- Solarium
- Natural cork deck
- Forward cabin
- Highly comfortable rotating seats
- And all kinds of amenities such as a hi-fi system or refrigerator

A combination of style and practicality that blends contemporary luxury with environmental responsibility.

Awards and recognitions

- **Innovation in Sustainable Mobility with Renewable Gases** at the Green Gas Mobility Summit in Madrid, 2025
- **"Coup de Cœur" Jury Award** at the Monaco Energy Boat Challenge
- **Certificate of Recognition for Marine Decarbonization and Energy Transition within the Sustainable Boating Industry** by the Spanish ANBE (National Association of Electric Boats)

These recognitions consolidate **Dhamma Blue** as an international reference in sustainable marine technology.

A project with a forward-looking vision

Beyond the boat itself, **Dhamma Blue** is the first Spanish company specialized in hydrogen-powered vessels, aiming to develop both series production and custom models, while also participating in projects related to hydrogen infrastructure in the maritime sector.

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About DHAMMA BLUE

Dhamma Blue is the first Spanish shipyard to develop hydrogen-powered boats, committed to using the most advanced design and manufacturing technology to drive the transition toward sustainable and silent navigation.