

GULF CRAFT
Moving On Up

Issue 7

Spring 2025 |

HOW TO BUILD IT

The technical magazine for those involved in the
design, construction and refit of superyachts

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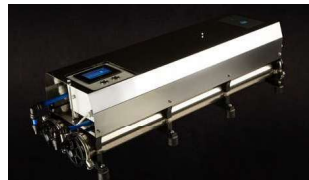


NEWS IN BRIEF

News in Brief

PuRO partners with Project Zero

PuRO, a leader in water purification systems, has partnered with Vitters on Project Zero. This fully electric vessel that can operate without fuel tanks prioritises energy efficiency. PuRO adapted its innovative water purification technology – originally designed to purify dock water for yacht maintenance – into a high-efficiency water recovery system for Project Zero. This adaptation enables the yacht to recover and reuse greywater and rainwater, significantly reducing reliance on traditional watermakers and cutting energy consumption.



The collaboration marks PuRO's first venture into a sustainability-focused project of this scale, showcasing the versatility of its systems in reducing environmental impact. While Vitters handles the system's installation, PuRO has worked closely to ensure seamless integration. Looking ahead, PuRO is eager to further its presence in sustainable maritime projects, leveraging its technology to deliver energy-efficient, multifunctional solutions for yachts of all sizes.

Synergy and Delta Digital sign new deal

Synergy – the HVAC Consultancy, part of the Bond Group and Bond Technical Management, and Dutch software specialist Delta Digital have entered a business collaboration to bring their combined expertise to the superyacht industry. With a focus on optimising HVAC systems, the agreement signed during METSTRADE 2024 enables the creation of 'digital twins' for yacht HVAC systems, allowing for simulated testing of energy-saving enhancements before implementation.

Using Delta Digital's 3-phase methodology, an efficiency baseline of a yacht's entire HVAC system can be digitally built over the course of one to two months. The Delta Digital platform then analyses various aspects of the HVAC system, including energy consumption, performance, temperature control and air quality. Any proposed optimised changes can then be made to the HVAC digital twin before being applied by Synergy to a yacht's actual system.

"We are experts in energy savings, air quality and system improvements, and pride ourselves on being a flexible company on whom you can rely on when making tough decisions during your superyacht project," says Patrick Voom, CEO of Synergy-The HVAC Consultant. "This collaboration with Delta Digital will go a long way to supporting that process."

