
PRESS INFORMATION

The Vision of a battery-electric cruise ship

MEYER WERFT is presenting new concept at Seatrade – Reduction in greenhouse gas emissions up to 95 %

Papenburg, 9 April 2026 – At Seatrade Cruise Global in Miami/USA, the MEYER WERFT Group is presenting Project “Vision”, the world’s first 100% battery-electric cruise ship with a size of more than 80,000 GT. The concept study demonstrates how sustainable innovations can redefine the future of cruise industry.

“We asked ourselves how we can use innovation to reduce CO₂ and contribute to decarbonization — not in 50 years, but much sooner. We enable a reduction in greenhouse gas emissions of up to 95%,” explains Tim Krug from the MEYER WERFT Concept Development Group. Every year, MEYER WERFT presents an entirely new and innovative concept at Seatrade Cruise Global, the world’s largest industry trade show, underlining its position as a technological leader.

Johannes Bade, responsible at MEYER WERFT for the development program behind “Vision,” adds: “With battery-electric cruise ships, we offer a competitive product that relies on existing technologies. We are opening up entirely new opportunities for our customers to operate sustainably and profitably in the long term.” Project “Vision” is 275 meters long, accommodates 1,856 passengers, and has a size of around 82,000 GT.

The battery system is supplied by Corvus Energy from Norway. “We are pleased to have Corvus Energy — the pioneer in safe and reliable battery systems for ships, having equipped more than half of the world’s hybrid and fully electric seagoing vessels — at our side. The technology is available today. If ordered this year, we could already deliver the first ship in 2031,” says Thomas Weigend, Chief Sales Officer at MEYER WERFT.

“Our close collaboration with MEYER WERFT and the combination of our capabilities demonstrated with the ‘Vision’ is the natural evolution of battery technology — and a defining moment for the cruise industry. Scaling to fully electric cruise ships shows the world that the technology is safe, mature and ready to change the game”, adds Fredrik Witte, CEO of Corvus Energy.

With the battery system, a large portion of typical European cruise routes can be covered, for example the route from Barcelona to Civitavecchia near Rome. By 2030, around one hundred ports across Europe will offer the required charging infrastructure. Upon request, the ships can also be built as hybrids with small generators, enabling, for example, transatlantic crossings.

Project “Vision” also introduces new architectural approaches to cruise ship design: the vertical shaft running through the ship for exhaust treatment and the funnel — which usually occupies parts of the sun deck — can be completely eliminated. This enables an entirely new sun deck design with unobstructed views. The “Vision” concept study is designed as an all-weather ship and includes fully glazed, weather-protected areas. For example, the typical aqua park has been arranged as an indoor area at the stern, making it usable year-round.

Another major advantage of the fully battery-electric power system and the elimination of main engines: the onboard comfort improves significantly, with even fewer engine noises and vibrations on the “Vision.”