






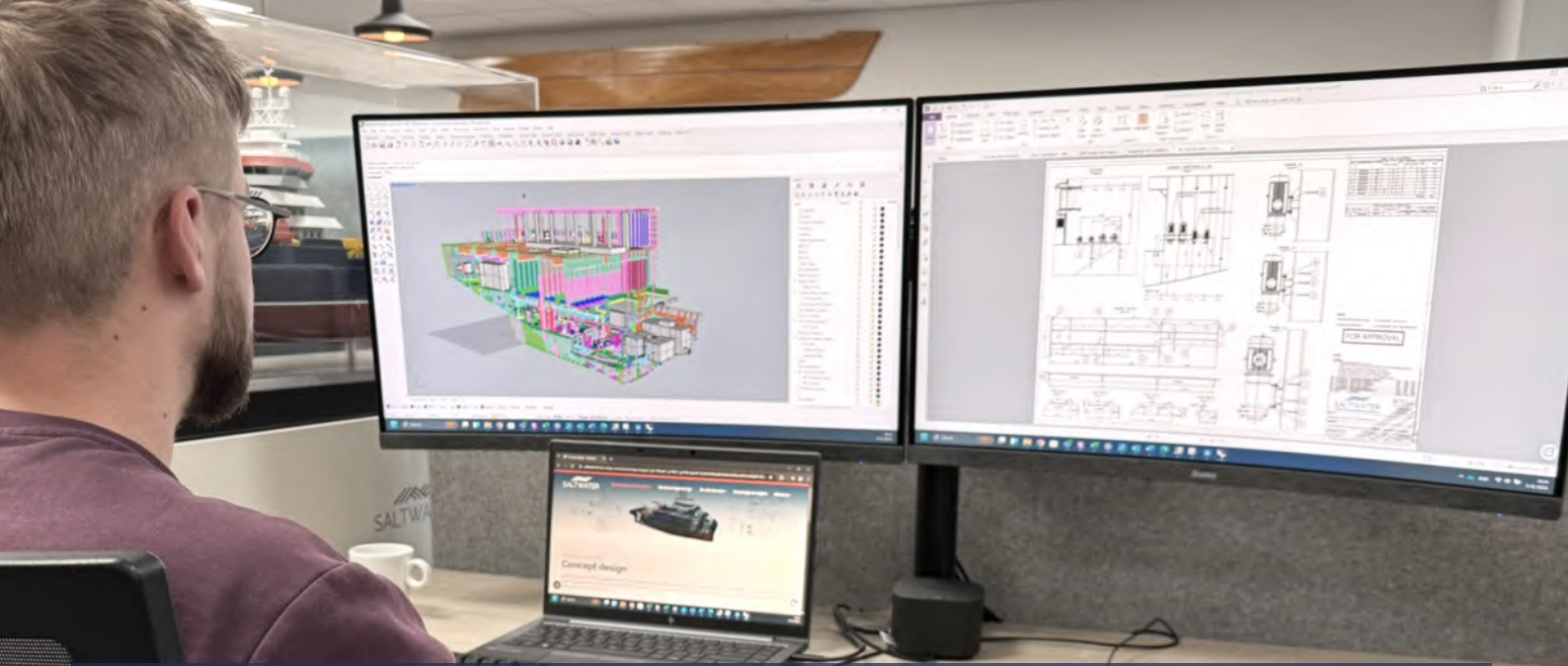
Our field of expertise

Concept design

Saltwater Engineering is your partner for high-end, innovative, concept designs tailored to operational efficiency and sustainability.

What sets us apart?

-  Our designs balance needs & trends, creating efficient and practical solutions
-  Every design includes detailed documentation ensuring safety and compliance
-  Delivering solutions tailored to diverse operational needs and evolving markets
-  Close client collaboration, making sure the design provides long-term value
-  Proven track record of newbuild vessels, concept designs and conversions



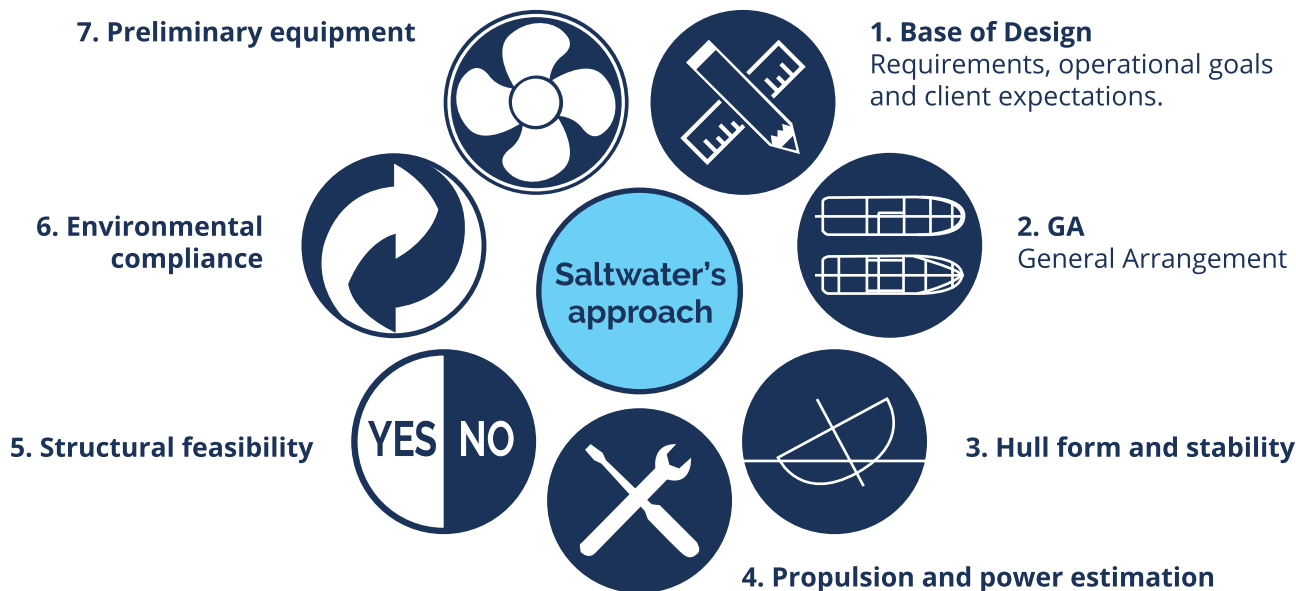
Saltwater designs vessels that balance operational needs, sustainability, and future trends, ensuring practicality meets cutting-edge innovation.

Saltwater’s concept design process starts with a dive into the client’s needs, including operational demands, environmental considerations, and future trends in maritime technology. We analyze every aspect of the vessel’s intended purpose, considering structural integrity, energy efficiency, and adaptability to upcoming industry developments. By fostering open collaboration, we ensure that each concept is not only innovative but also practical and feasible.

EFFICIENT AND INNOVATIVE DESIGN

During the design phase, Saltwater Engineering prepares essential documents to outline the functional requirements, safety standards and regulatory requirements for the new vessel. Saltwater’s concept design services cover a range of applications, including newbuilds, vessel conversions, and transforming ships for entirely new functions.

This flexibility allows clients to adapt to changing market demands and evolving industry needs. Whether it’s developing a new vessel from scratch, upgrading an existing vessel, or converting a ship for a specialized purpose, Saltwater’s expertise ensures a custom design that delivers operational efficiencies, safety and long-term value.



NEWBUILDS

For newbuild projects, Saltwater works together with the client to bring their vision to life. The concept design phase establishes the vessels purpose, structure, and capabilities, covering everything from the hull form and layout to propulsion systems and cargo handling equipment. Each newbuild concept is designed to maximize performance and comply with modern standards.

Blue Quest; the next generation offshore survey and inspection vessels

Saltwater Engineering presents the Blue Quest, a purpose-built vessel designed specifically for the offshore survey market. Drawing from years of experience in vessel conversions, we created Blue Quest to address the unique challenges of survey operations, ensuring adequate deck space, sensor integration and minimizing operational noise.

The blue quest is tailored for geophysical surveys, minor geotechnical tasks and UXO identification and removal, offering a versatile platform that adapts seamlessly to various offshore needs. This design exemplifies Saltwater Engineering commitment to efficiency, sustainability and industry leading functionality.



CONVERSIONS

Vessel conversions allow operators to repurpose existing assets, extending their lifespan and adapting them to new markets. Saltwater's concept design for conversions addresses technical adjustments, such as reinforcing hull structures, or retrofitting equipment, to make an existing vessel suitable for new functions.

Our track record



Connecting the world; PSV Skandi Sotra conversion to a cable laying vessel

For a platform supply vessel being converted to support cable laying operations, Saltwater's design would address stability modifications, deck layout changes, and the addition of cable management equipment. This often involves structural modifications to accommodate cable reels, laying systems and enhanced dynamic positioning systems. Saltwater ensures that all systems are seamlessly integrated into the existing structure for safe and efficient offshore operations.



Are you facing a challenge?
Get in touch with one of our consultants

Partner up with Saltwater

Everything Is Possible



Saltwater provides customized engineering solutions for the naval and offshore industry. Understanding your challenges enables us to deliver practical, quality products and clever solutions.

Mission

Our mission at Saltwater is to engineer and develop maritime solutions that reduce the environmental impact and support a low carbon footprint. We are committed to provide innovative and efficient engineering services that meet the needs of our clients while guaranteeing safety and quality.

Vision

At Saltwater, our vision is to be a leading force in the maritime engineering industry, striving for positive change through socially responsible practices. We envision a future where our engineering solutions help to create a healthier and more sustainable world. We are committed to ship conversions and new vessel designs, encouraging a culture of young innovators and collaborating with our partners and clients to achieve our shared goals.

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