

+100
projects



INLAND WATERWAYS PROPULSION

CFD design and propeller supply

Navigating the challenges of inland waterways demands propulsion systems that are both efficient and reliable. Shallow waters and high-power densities can strain your operations, but our CFD-engineered solutions ensure your vessel performs optimally with minimal fuel consumption. Our robust and silent propellers enhance navigation and maneuvering, providing you with the reliability and comfort needed for uninterrupted service.



EXPERT ENGINEERING SERVICES FOR INLAND WATERWAYS

We deliver top-tier solutions for optimizing vessel performance in shallow waters. Our specialized engineering services focus on the design of highly robust propellers, ensuring:

Maximum Efficiency: By leveraging Computational Fluid Dynamics (CFD) studies, we can predict the behavior of the propeller and vessel assembly, adapting the geometry to achieve peak performance with minimal fuel consumption.

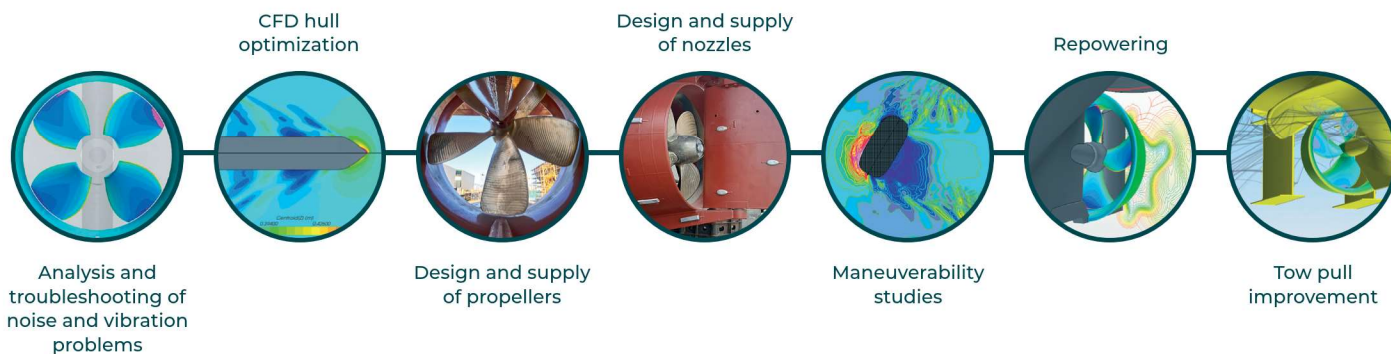
Minimal Cavitation and Noise: Our CFD-optimized propellers are designed to minimize cavitation and reduce noise, ensuring a smooth and quiet operation.

Extensive Experience in MARINE ENGINEERING SERVICES

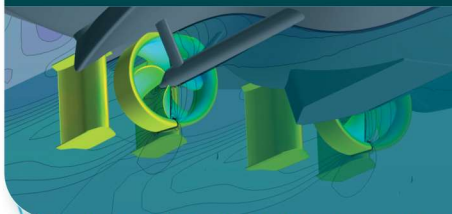
At VICUSdt, we offer a wide range of marine engineering services beyond propeller design, tailored to enhance the performance and efficiency of your inland vessels.

Our team of 17 engineers, experts in hydrodynamics, provides innovative and customized solutions to meet your specific needs.

Silent and
efficient propellers
for the inland
waterway



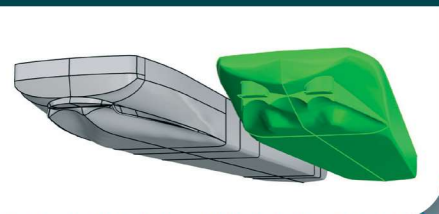
Engineering optimization



Robust design



New builds & retrofit



Trusted by leading shipyards & shipowners

Our esteemed clients include:

- Holland Shipyards
- Asto Shipyards
- Dettmer tankers
- Wijngaart Shipping
- Dolderman
- UABL
- Ruijven BV
- Breko
- TeamCo Shipyard
- Gebr. De Jonge Shipbuilding Services

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