

+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.

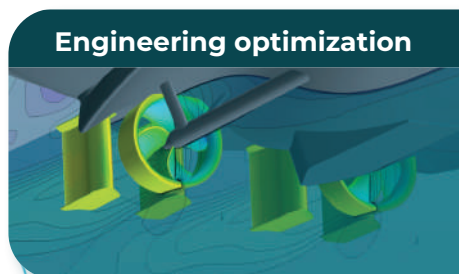
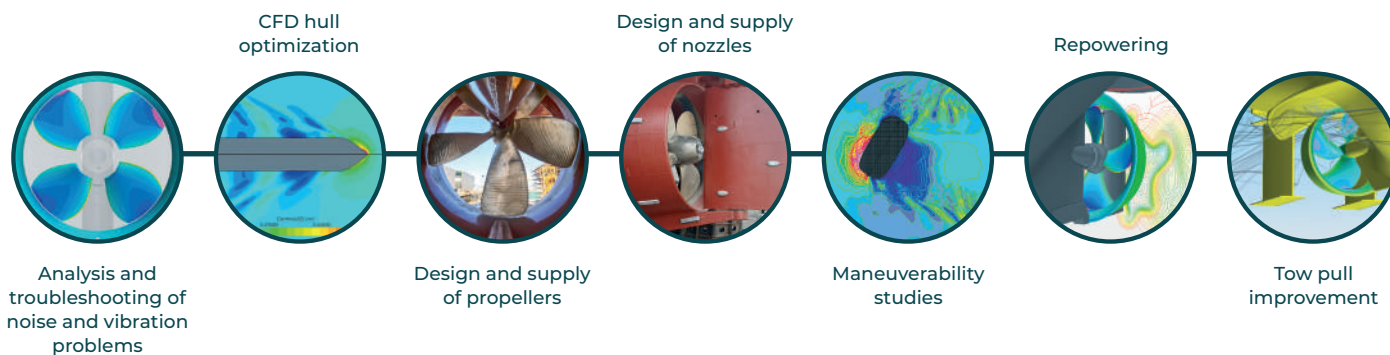
**Minimal Cavitation and Noise:** Our CFD-optimized propellers are designed to minimize cavitation and reduce noise, ensuring a smooth and quiet operation.

# 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



## 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
- ZMS BV



**CONTACT US:** vicusdt.com – info@vicusdt.com - @vicusdt



**SPAIN**  
Baixada Gándara, 16  
36330, Vigo  
+34 886 113 547

**USA**  
2500 CityWest Blvd  
Houston, TX 77042  
+1 713 614 5403

**MEXICO**  
Av. la Marina, 6115  
82103, Marina  
Mazatlán, Sinaloa  
+52 669 139 0857

