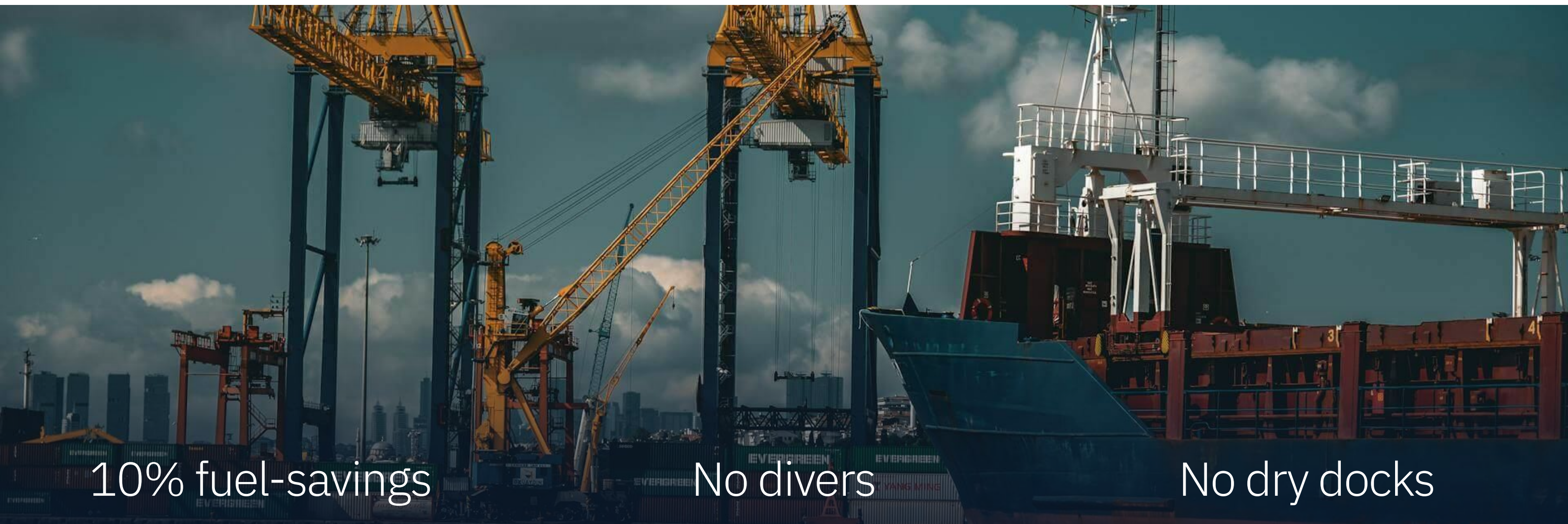




Robotic Hull Cleaning for Cleaner, Faster and More Efficient Vessels

BluFlow brings proven robotic hull-cleaning technology to the GCC. We remove biofouling in-water, with no divers and no chemicals, helping ship owners and terminal operators cut fuel consumption and CO₂ emissions.



Potential average fuel saving after effective biofouling removal

Remote operation from quay or barge, no harsh chemicals used

Mobilised quickly in ports and shipyards, ideal for regular cleanings

The service

In-water hull cleaning, operated remotely

Our robot is a magnetic, remote-controlled crawler engineered for safe and efficient cleaning of ship hulls and steel surfaces – above and below the waterline. It targets the full range of biofouling, from soft slime and algae to heavier fouling layers, while keeping coating damage to a minimum.

- **Magnetic crawler.** Attaches to the hull with powerful magnets; moves vertically and horizontally on heavily fouled surfaces.
- **High-efficiency head.** Rotating cleaning heads remove fouling effectively while protecting the antifouling coating.
- **Remote operation.** Operators control the robot from quay or barge via live video and telemetry – no rope-access teams required.
- **Chemical-free.** Cavitation-based, freshwater-only process – no chemicals, no biocide discharge, no invasive-species transfer.
- **Fast set-up.** Mobilised quickly in ports and shipyards; ideal for regular cleaning between dry-docks.

Why ship operators choose BluFlow

- Reduce fuel consumption caused by biofouling
- Avoid unnecessary dry-docking
- Improve vessel performance between scheduled maintenance windows
- Reduce diver-related HSE exposure
- Receive clear post-cleaning reporting
- Work with one regional GCC service partner

Where it delivers value Best-fit vessel profiles

Bulk Carriers – Keep hulls clean between long voyages.

Container Vessels – Maintain speed and schedule reliability on regional routes.

Tankers & Gas Carriers – High-value vessels where every fuel-percentage point counts.

Commercial model Flexible to your fleet & budget

Pay-per-operation – Per-vessel service call, no asset on your books.

Leasing – Predictable monthly fee with operator support.

CAPEX purchase – Full ownership for fleet operators and shipyards.

How we engage From data review to fleet roll-out – one accountable partner

1

Discovery & data preview

Fleet profile, routes and fuel data analysed to estimate savings.

2

On-Site Assessment

Port conditions, safety procedures and setup reviewed with CLIIN specialists.

3

Pilot & Demo

Cleanings executed, data collected, results benchmarked against baseline.

4

Scale-Up & Service

Fleet-wide deployment with ongoing operational support and reporting.

Let’s plan your first demo