

FABCUBE / BO.C.A.S.

ROBOTIC AUTOMATION FOR BOAT MAINTENANCE

THE CHALLENGE

Boat sanding and hull surface preparation are labour-intensive, repetitive and physically demanding activities. Manual processes can affect productivity, consistency and worker health.

THE SOLUTION

BO.C.A.S. is a patented automated system developed by FabCube to robotise boat hull sanding and maintenance.

The system combines robotics, sensors, data acquisition and intelligent path planning.

TECHNOLOGY

- Robotic hull scanning
- 3D hull modelling
- Automated path planning
- Sensor integration
- Data processing
- Robotic sanding

VALUE

Higher efficiency

Reduced physical workload

Improved process consistency

Potentially safer working conditions

TARGET MARKET

Boatyards | Shipyards | Yacht manufacturers | Marine maintenance | Refit & repair

INVESTMENT & PARTNERSHIP OPPORTUNITY

FabCube is looking for industrial partners, pilot boatyards, technology partners and investment to accelerate development and commercialisation.

CONTACT

FabCube Srl

Vittorio Veneto, Italy

fabcube.eu