



# Cleaning inspection & reporting system for ECOsubsea

## Situation

ECOsubsea is a cleantech startup that developed a revolutionary in-water vessel hull cleaning technology far exceeding the environmental standards set by any local or global policies by collecting the fouling and recycling it into green energy.

Their solution is a remotely operated vehicle that removes the need for divers and uses a newly developed high-pressure water cleaning principle called 'soft jets' to clean marine fouling from vessel hulls.

As a fast-growing company, ECOsubsea reached the need for an effective cleaning inspection & reporting system to save a lot of time in planning, monitoring and generating necessary reports. The new system required manual video editing, data analysis, and preparation of descriptions.

## Solution

Working together with the client, Baltic Amadeus developed a brand-new solution, enabling automated planning, scheduling, reporting and monitoring of vessels' compliance with IMO requirements.

The modern solution [provides full-scope transparency for the client](#) – a clear view of planned and performed work, current condition of the vessel as well as live and historical video.

Furthermore, our team created video processing functionality for future development to [introduce AI](#). This functionality allows automatic video processing and report generation.

## Added value

Baltic Amadeus team finalised the vision of solution, determined reasonable scope, and demonstrated a well-controlled task implementation, leading to successful creation of the new cleaning inspection & reporting solution.

Currently, the solution helps to [optimise operations](#), [analyse video materials](#), and [create required reports](#) easily and without lots of manual work.