

## Hull cleaning cruise ships megapiers Curaçao

### *Feasibility obtaining permits*

Curaçao, 2023

Client info:



Name: Curaçao Ports Authority (CPA)

Sector: Transportation

Location: Curaçao

CPA is a government owned company responsible for the operation of all harbors. CPA has two subsidiaries: KTK Tugs and Curaçao Pilots Organization (CPO).



**Rationale:** As part of their environmental programs, the cruise sector is increasingly making use of biocide free antifouling coatings. One such coating type is foul release coating (FRC). FRC's are based on the capacity of the material to reduce adhesion of fouling organisms to the ship hull e.g. by means of silicon elastomers. CPA wishes to investigate the feasibility of obtaining permits for in-water cleaning of cruise ship hulls coated with FRC's at the 2 megapiers in Curaçao.

**Approach:** EcoVision carried out a desk study and interviewed several stakeholders.

**Outcome:** The two proposed locations were studied and the main risks for the nearby coral reef were assessed. The study concludes that even with current best practices (capture and filtration of cleaning spoils), risks for the reef remain, because of the inability to neutralize microorganisms that can spread the Stony Coral Tissue Loss Disease (SCTLD). A monitoring project is advised.