

Coral Reef study at the area of the planned 2nd Megapier

Curaçao, 2016

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: CPA planned to construct a second Megapier east of the first Megapier. The Maritime Authority of Curaçao (MAC) has to approve any construction of structures (e.g. jetty's, cables, landfills) in the coastal region of Curaçao. Government demanded a coral study of the construction area to assess potential damage to the underwater ecosystem and in particular the existing reef communities, with reference to the IUCN Red List and the Cartagena Convention, Annex II of the SPAW Protocol.

Approach: We made an inventory of coral density and species composition of the construction area of the second Megapier: footprint and buffer zone. We verified the results of the inventory with criteria defined by government. Defined conclusions and defined mitigating and compensating measures.

Outcome: CPA received their permit and started construction beginning of 2017.