

# Environmental impact assessment for harbour renovation

## Fort Bay

Saba, 2019

Client info:

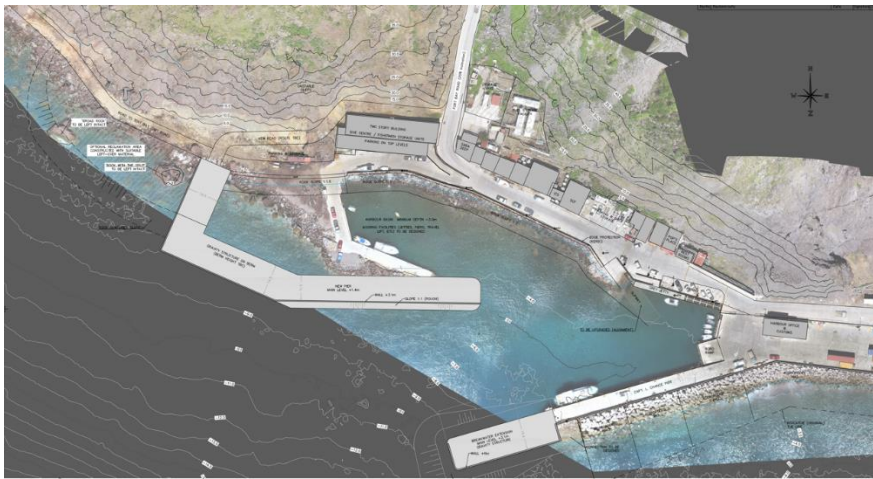


Name: Public Entity Saba

Sector: Government / Non-profit

Location: Saba

Saba is a 'special municipality' of the Netherlands located in the Caribbean Sea. Saba has approximately 1800 residents.



**Rationale:** The government of Saba requested EcoVision to perform an Environmental Impact Assessment (EIA) for the renovation of the Fort Bay harbour. The renovation comprises the rebuilding and extension of two breakwaters in order to allow for more and larger ships to enter the harbour.

**Approach:** An assessment of natural values in and near the harbour (mainly marine) was carried out. Secondly, the environmental and ecological impacts (resulting from noise, anchoring, sedimentation and erosion) of the harbour renovation and harbour operation were assessed and mitigating measures were defined.

Two scenarios were compared: (1) use of prefab caissons and cofferdam, and (2) Construction of a cofferdam for both breakwaters.

**Outcome:** The project team of the Saba Government wishes to investigate a new location, where costs for construction will be considerably lower. The Government of Saba asked EcoVision to carry out an EIA for this location too.