

# Cost estimations for soil and groundwater remediation Isla Refinery

Curaçao, 2012

## Client info:



REFINERIA DI KORSOU<sup>N.V.</sup>

Name: Refineria di Kòrsou (RdK)

Sector: Oil and Gas

Location: Curaçao

Refineria di Kòrsou (RdK) is a government owned company owning the premises and installations of the refinery. RdK leases the refinery to Refineria Isla.



**Rationale:** The Curaçao Government wanted to draft strategic options for the refinery and the refinery area. For this they needed an indication of the existing soil and groundwater pollution of the ISLA refinery area and the bordering sites (Schottegat Bay coast line) and an indication of remediation options and costs.

**Approach:** EcoVision executed a research consisting of an extensive desktop research including historical research and literature study; drafting of sampling plan for conducting soil and groundwater investigations based on Dutch standard NEN 5740; coordinating of soil and groundwater sampling and analysis; global analysis of soil structure and groundwater flow; risk analysis based on pollution chart and an interpretation of results and reporting.

**Outcome:** The government installed a multi-disciplinary team to work out the strategic plans for the refinery. Our report is used as one of the basic reports for this strategic plan.