

Sand assessment of the beach at Lagun

Curaçao, 2025

Client info:

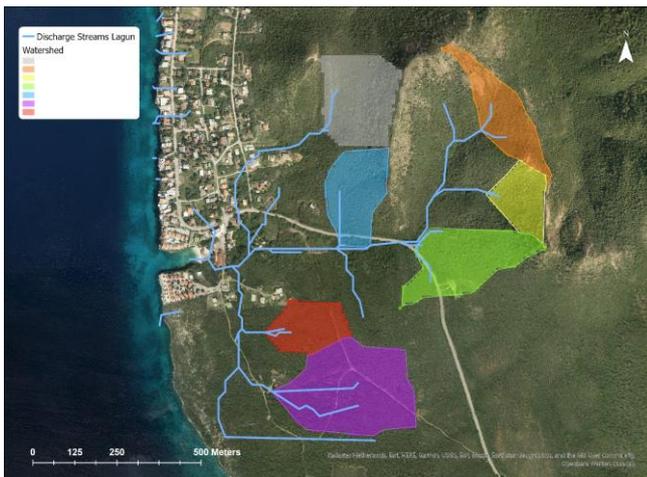


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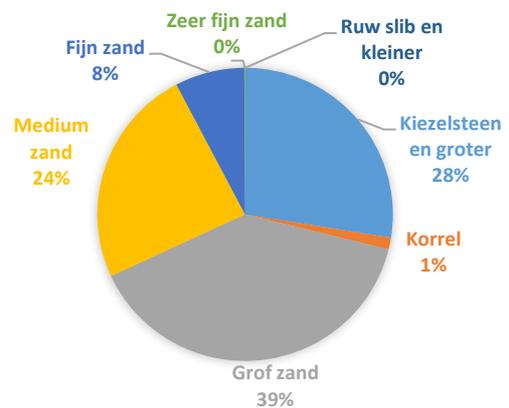
Name: Ministry of Health, Environment and Nature (GMN)

Sector: Government

Location: Curaçao



GEMIDDELDE STRAND SAMPLES



Rationale: In connection with beach development at Lagun, the Ministry of Health, Environment and Nature (GMN) requested advice from EcoVision N.V. regarding sand replenishment and sand erosion, on the beach as well as the shallow waters of the bay, to minimize negative impacts on the surrounding environment.

Approach: To provide advice on sand erosion and replenishment, a sand study was conducted, examining the composition and grain size of the existing sand to understand the suitable sand size that can be added to the area. Samples were taken while diving and on the beach itself and taken back for microscopic testing. Further research was conducted into the sources of erosion and accretion of sand in the bay. The results were interpreted, impacts defined and recommendations discussed to minimize erosion.

Outcome: The resulting report contains advice on suitable sand types for replenishment and presents recommendations for minimisation of sand erosion on the beach.