Project info sheet

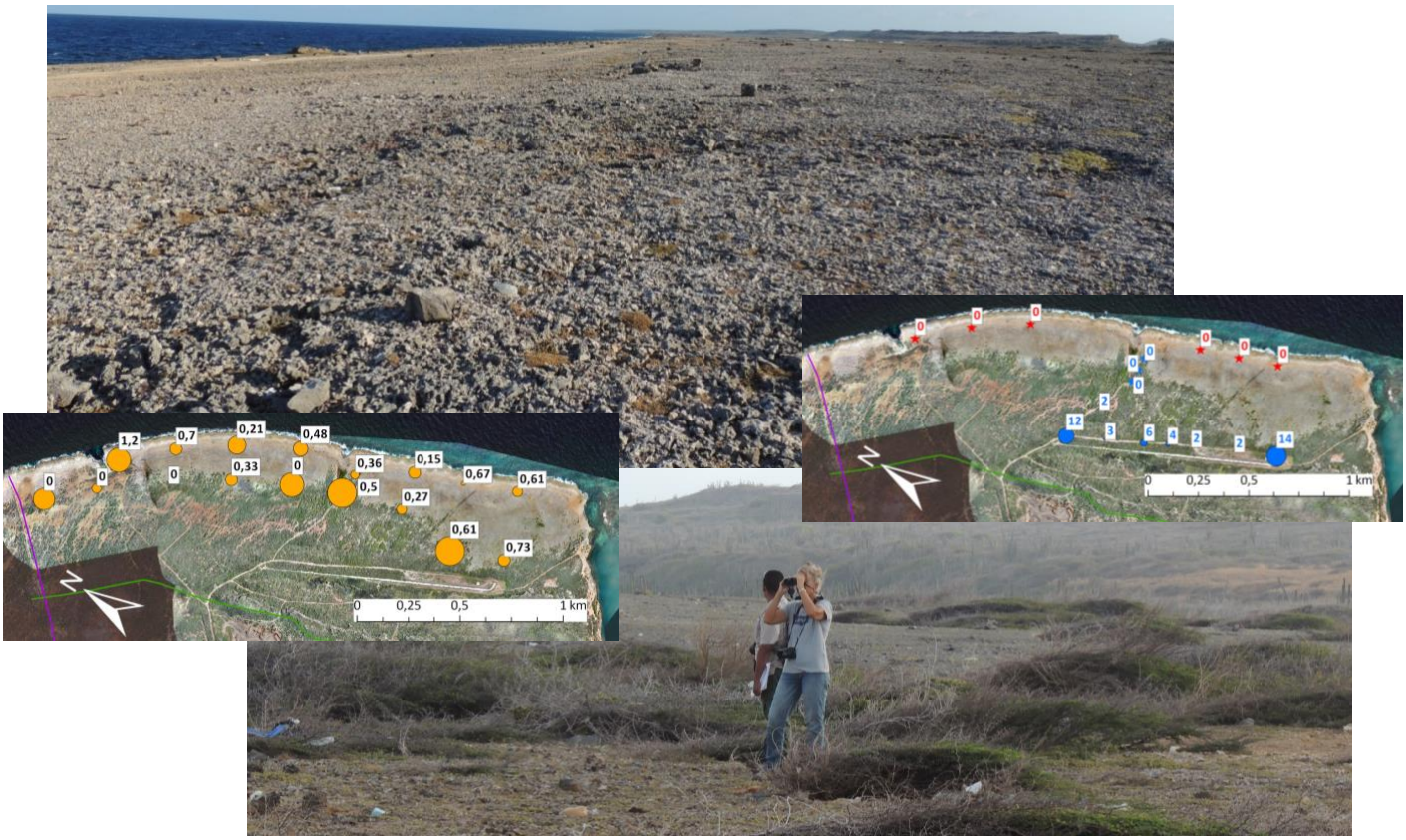
Nature survey in area new proposed wind farm Curaçao

Curaçao, 2019-2020

Client info:

Name: NuCapital / NuKoraalTabak Windparken
Sector: Power/Utility
Location: Curaçao (Koraal Tabak)

NuCapital's focus is the origination and development of new wind farms, solar PV projects, and integrated solutions in the Caribbean and Central and South America.



Rationale: NuCapital has signed a contract with a landowner in the northeast part of Curaçao for the erection of a wind farm. The area of concern is designated as "conservation area". To be able to make a well-considered decision with regard to the final configuration and location of the wind farm, NuCapital has asked EcoVision to assess the natural values in the concerned area.

Approach: A full year (2019) bi-weekly bird survey during morning and afternoon sessions has been performed ussing the point count method on 17 survey points. In addition, during 3 evenings bat presence was surveyed. During the bat surveys, presence of owls was monitored as well. The guidelines used for the field studies are the *Comprehensive guide to studying wind energy / wildlife interactions*, (Strickland et al., 2011) and the *U.S. Fish and Wildlife Service Land-Based Wind Energy Guidelines* (U.S. Fish and Wildlife Service, 2012). The vegetation in the area has been studied and mapped as well.

Outcome: Preferred layout options with respect to minimized impact on nature.
Recommendation do a study on the breeding least terns in the area.