

## Solid Waste Management in Namibia's Protected Areas

### Project Description

In the framework of the Namibian-German Financial Cooperation the KfW Entwicklungsbank (KfW) is supporting the Namibian Ministry of Environment and Tourism (MET). In this context, INFRASTRUKTUR & UMWELT (IU) has been assigned with the consultancy services for the elaboration of a Feasibility Study for Solid Waste Management (SWM) in Namibia's Protected Areas. According to the request from MET the project focused on five National Parks: three parks in the North East: Bwabwata, Mudumu, Nkasa Rupara, and two coastal parks: Dorob and Namib Naukluft.

### Results

With the implementation of sustainable SWM systems the national parks and surrounding areas shall be protected against the impacts of increased waste generation so that they continue to be competitive tourist destinations which economically benefit the inhabitants of the regions concerned. At the same time, the health of humans and wild and domestic animals and the stability of fragile ecosystems shall be protected.

### Our Services

After an analysis of the current situation in the five selected parks and in the Etosha NP as an example with an existing SWM system, SWM options have been developed and discussed with stakeholders. A major focus of the project is the separate collection, processing and marketing of recyclables. On the base of the results of this discussion, the concepts for different areas have been detailed in further missions. The proposed concepts include measures for (separate) collection, transport, sorting, storage and disposal of general and special wastes as well as public relation and awareness creation. An analysis of financial and organisational aspects as well as environmental and social impacts has been done. A risk analysis including mitigation measures has been carried out and supportive measures during project implementation are described as well. KfW has been accompanied and supported during the project appraisal mission.

### Contact

Orhan Boran  
o.boran@iu-info.de

**Sector:**

**Solid Waste Management**

**Country:**

Namibia

**Location:**

Five selected National Parks



**Client:**

Ministry of Environment and Tourism  
of Namibia

**Financing:**

KfW Entwicklungsbank

**Duration:**

01/2017 – 10/2017