The coastline of Bali is subject to increasing erosion. Tourism is largely dependent on these beaches, which contribute to Bali’s exotic character. The beaches are also extensively used by local inhabitants for their religious ceremonies. Due to these utilizations the reduction of beach area caused by erosion is an acute problem in Bali.

The Bali Beach project has focused on a particular part of the coastline, a five kilometre stretch of beach in the northeast of Bali, in the area of Candidasa. The goal of the project is to design and form an integral solution, comprising technical, economic and social aspects, for the problems concerning the town and the beach of Candidasa. This solution will be presented to BWS-BP in Bali, a division of the Ministry of Public Works. This solution will also give them new insights how to prevent coastal erosion in the rest of Bali and Indonesia.

First information concerning the subject was gathered. The main sources for input of information were the experts of the Ministry of Public Works. Using this information and knowledge, eligible solutions for the problem are created. Finally these will be translated into an final concept for the beach and town of Candidasa.

In 1969 Bali’s beaches and waves were discovered by mass tourism, this led to a vast increase in construction to accommodate the large amount of tourists. This caused large scale coral mining and natural shorelines were used as construction grounds, both causing erosion in the process.

The created alternatives are: Marine Life, Big Bali Beach, Cultural Heritage, Sustainable Awareness and High-end Tourism. The structures were placed in alternatives to see in what circumstance certain structures would flourish and become eligible for the final design of Candidasa.

A final concept was constructed from combining the highest scoring structures, taking into account the ability of the structures to form a suitable and realistic solution. This final concept, as stated in the goal description, will give the Balinese authorities new insights besides their conventional solutions.

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