



The main activities include the installation of mangrove nurseries, the replantation of damaged mangrove forests and the construction of a community hall and model farms.

Additionally, two Environmental Education Centres will be build to educate and inform the local people of negative impacts from logging in forested areas and coral reef harvesting in order to reduce or avoid these activities as far as possible. Futher specific measures to re-establish the livelihoods of some 150 families will be taken particularly in the fields of agriculture, handicraft, sustainable tourism and fisheries. Lost boats and fishing gear will be replaced and the fishermen will be instructed in the use of solar lamps for the night-fishing instead of using the traditional kerosene lamps, which are harmful to the environment and consume expensive fuel.

The project will be transferable to other countries in South East Asia affected by the Tsunami.



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Sri Lanka

Post Tsunami Restoration of Mangroves, Education & Re-establishment of Livelihoods



Jaffna

INDIAN OCEAN



Where?



The project areas are the lakes Bolgoda and Madampe & Maduganga.

Bolgoda Lake is situated in the West of Sri Lanka, 19 kilometres South of Colombo. The lake covers 374 square kilometres with partly fresh and brackish water. Its natural beauty has great potential in the area bordering on Colombo for development, tourism and fisheries, but it is gravely threatened by industrial pollution and settlements.

The lakes Maduganga and Madampe are located on the south-western coast of Sri Lanka. The twin lakes are connected by a narrow channel of 3 kilometres in length. The surface areas of the lakes covers 915 hectares and 390 hectares, respectively. The region is one of the most beautiful and picturesque landscapes in Sri Lanka with a diverse flora and fauna.



Traditional fishing boats



Shrimp trap (Ja-kotu)

What?

The overall objective of this project is the conservation and rehabilitation of threatened mangrove habitats in Sri Lanka. For this purpose more than 15 mangrove nurseries will be installed. Two new Environmental Education centers will be built around the wetlands with innovative cost-effective wastewater treatment systems on the basis of constructed wetlands (Green Filters). Furthermore the project promotes organic farming and sustainable fishing practices and innovative technologies such as solar energy use for night prawn fishing.

The project involves Tsunami affected families and aims at the establishment of new livelihoods.



Mangrove Nursery at Maduganga

The Tsunami demonstrated that healthy mangrove forests can save lives.

Why?

The Tsunami demonstrated that healthy mangrove ecosystem can save lives! After the devastating Tsunami on 26 December 2004 the livelihoods of many people were destroyed. The Post Tsunami Project will help rebuild Tsunami affected areas in Sri Lanka and improve the living conditions of the people. Areas with intact and dense mangroves forests suffered less loss of life and less damage to property compared to areas without mangroves. Therefore the protection and restoration of Mangroves is of utmost importance.



New gear for fishermen in Madampeganga



Organic agriculture practices at Bolgoda



Juvenile mangrove plant



Traditional handcraft generates additional income for the families