BUILDING THE RESILIENCE OF COMMUNITIES AND THEIR ECOSYSTEMS TO THE IMPACTS OF CLIMATE CHANGE IN MICRONESIA AND MELANESIA

As of: October 2021

The project helped inhabitants on the island states of Micronesia and Melanesia, which are significantly affected by climate change, to understand climate risks and improve their ability to adapt to climate change. Decision-makers were supported as they identify and prioritise options for ecosystem-based adaptation (EbA), and incorporate them into development plans. EbA approaches were being tested in 10 pilot communities to measure their effectiveness and build up capacities. The experiences gained from the pilot projects were disseminated via networks so as to feed them into local and national adaptation strategies as well as global policies. The project focused on ecosystem services as the basis for creating communities that are resilient to climate change. The aim was to manage ecosystems more effectively and sustainably in order to generate a wide range of benefits from the islands' natural resources, in particular the coastal regions.

State of implementation/results

- Project completed.
- In nine communities climate change adaptation plans developed, several measures (like restoration of riparian zones and giant clam farming) under implementation
- Economic analyses of potential adaptation strategies for four pilot communities conducted
- Regional workshop on climate change and gender organised

PROJECT DATA

Country/Countries:
Marshallinseln, Mikronesien, Palau, Papua Neuguinea

Implementing organisation:
The Nature Conservancy (TNC) - International

Political partner(s):
- Department of Environment and Conservation - Papua New Guinea
- Department of Resources and Development - Federated States of Micronesia
- Ministry of Natural Resources, Environment and Tourism - Palau
- Office of Environmental Planning and Policy Coordination - Marshall Islands

Implementing partner(s):
- Helmholtz-Zentrum für Umweltforschung GmbH (UFZ)

BMU grant:
€ 3,921,560.67

Duration:
01/2015 till 12/2018

Website(s):
http://www.nature.org