

UNDP/SPREP 2 Multipartite Review Meeting for PACC Project

8th – 12th August 2011
Port Vila, Vanuatu

DEMO IMPLEMENTATION & GUIDE DEVELOPMENT

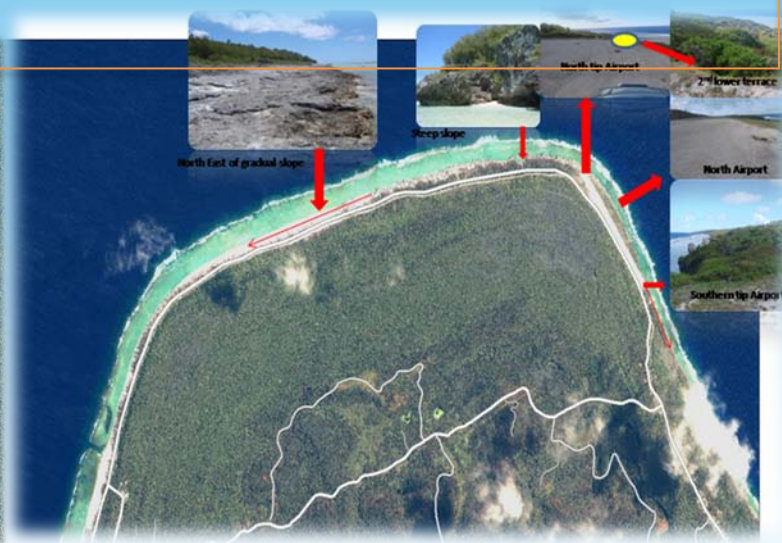
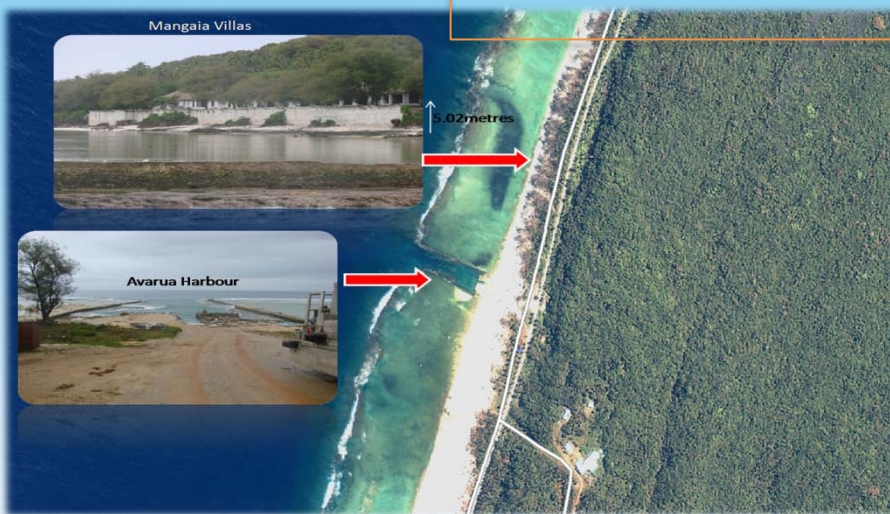


Vaipo MATAORA
PACC Project Coordinator
Ministry of Infrastructure & Planning



Background

- Coastal Zone Management
- Climate Proof Avarua Harbour
- Airport Area North-Western side
- Co-financing project
 - PACC
 - NZAID
 - CIGOV



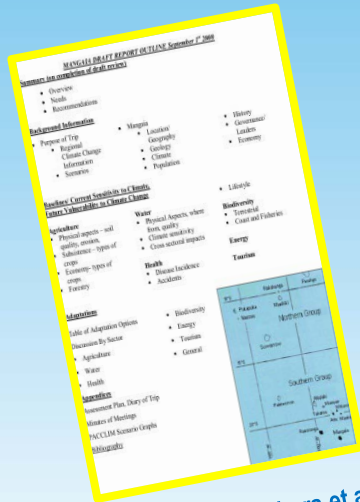
Adaptation process 4 key components

- Assessments
- Planning
- Implementation
- Monitoring & Evaluation



Assessments

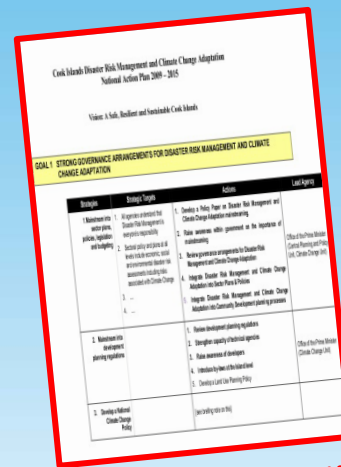
A wide range of methodological frameworks, methods and tools have been developed and by engaging our Multi stakeholders NCCCT and partners of the Cook Islands PACC project in the assessments process



VA Pasha Curruthers et al 2009



VA Tangianau_Mataora 2009



Cook Islands DRM CCA NAP 2009-2015



Assessments cont..

- Providing data and scenarios

Mangaia pre-installation wave sensors Dec' 2010



Installation of wave sensors

Oceanography

Tide Gauge Installation

- 30 data acquisition at the pilot site



Assessments cont..

- Providing data and scenarios

List of Tasks;

A comprehensive study was undertaken on the following:

Bathymetry survey

- GPS survey of the lagoon
- Total station (Theodolite)

Topography survey of the pilot site

- Spot heights
- Topographical features

Hydrography Survey

- Multibeam Eco sounding survey
- 250 meters outside of the reef

WAVE MODELLING



Bathymetry Surveying



Topographical Survey

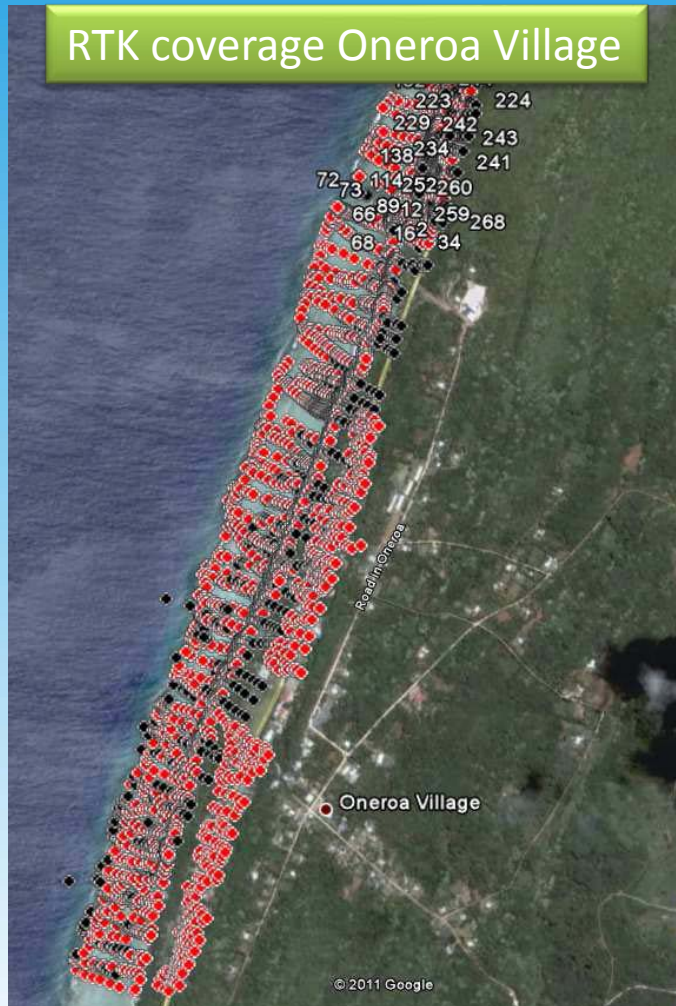


Hydrography Surveying

Assessments cont..

- Assessing impacts and vulnerability

RTK coverage Oneroa Village



RTK coverage around the airport



Assessments cont..

- Assessing impacts and vulnerability

Mangaia RTK coverage



Meitaki ma'ata

The End



UN
DP



GEF



SPREP
PROE

