





# New Zealand - Pacific Partnership on Ocean Acidification (PPOA)

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NEW ZEALAND





Intergovernmental org. for protection of Pacific islands environment

HQ: Apia, Samoa

21 Pacific Island
Countries & Territories

**5 Metropolitan** Members: Aus., Fr., NZ, UK, USA







# **Background**

The 3rd UN SIDS Conference:

Identified need for:

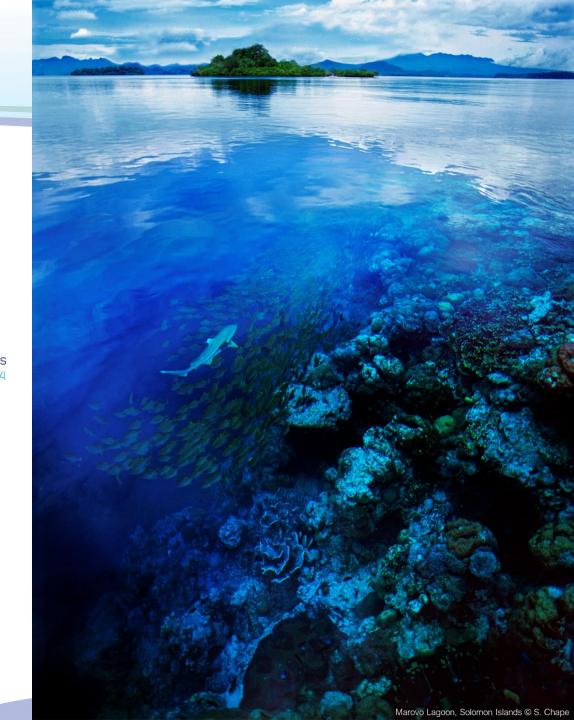


UN Conference on Small Island Developing States Apia, Samoa | 2014

- Monitoring Ocean Acidification
- Building capacity & resilience
- Implementing adaptation strategies









# **Partnership**

NZ Pacific Partnership on Ocean Acidification:

Collaborative effort between:







Financial support from:









# **Design**

#### **Focus Areas:**

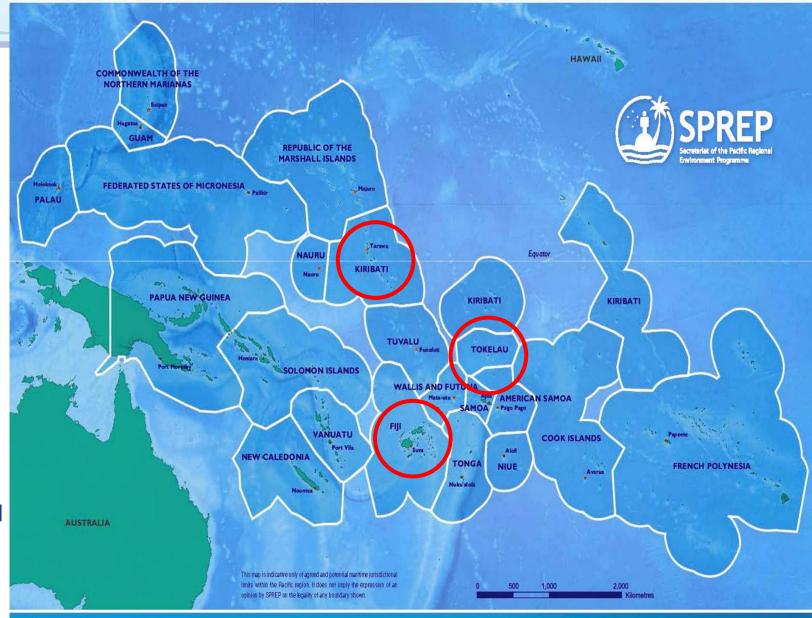
- 1. Research and Monitoring
- 2. Capacity Building
- 3. Policy Support
- 4. Adaptation Actions

Pilot Sites: Fiji, Kiribati, Tokelau













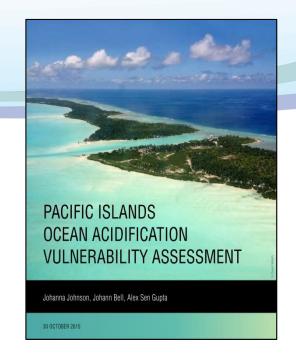
Research: Vulnerability Assessments Completed

- Regional OA Vulnerability Assessment:
  - http://www.sprep.org/attachments/Publications/CC/ocean-acidification.pdf

- Vulnerability Assessment of Pelagic Fisheries
  - https://www.wcpfc.int/node/29559





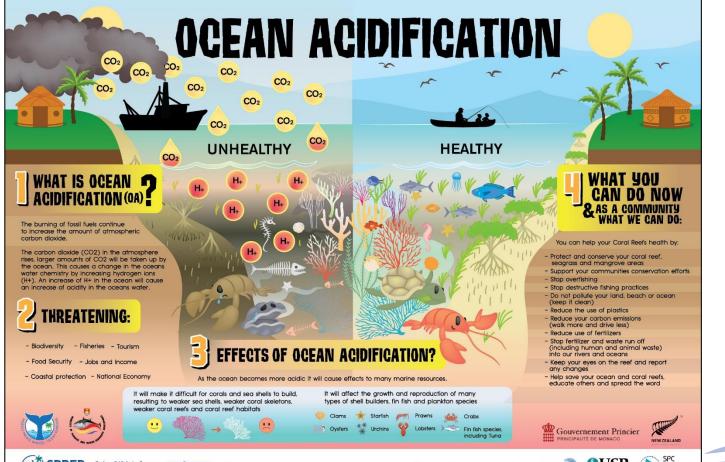








#### **Outreach:** Informational Posters Translated



#### **Kiribati**



#### Fijian















#### **Supporting Monitoring**

Building capacity of Pacific Islanders to monitor and report **ocean acidification** data

Partnered with TOF to provide equipment & training to 7 Pacific island nations to monitor OA & report data to **SDG Indicator 14.3.1**:

Average marine acidity (pH) measured at agreed suite of representative sampling stations



THE OCEAN FOUNDATION

Photos: The Ocean Foundation









#### **Stakeholder Consultations:**

- **Building Capacity**
- Planning Adaptation Actions

Taveuni, Fiji



#### Nanikai, Kiribati









#### **Enhancing Primary Producers to Locally Buffer pH**

Mangroves Seagrass















#### **Coral Restoration to Enhance Reef Resilience**

In situ Nursery

Ex situ Culture





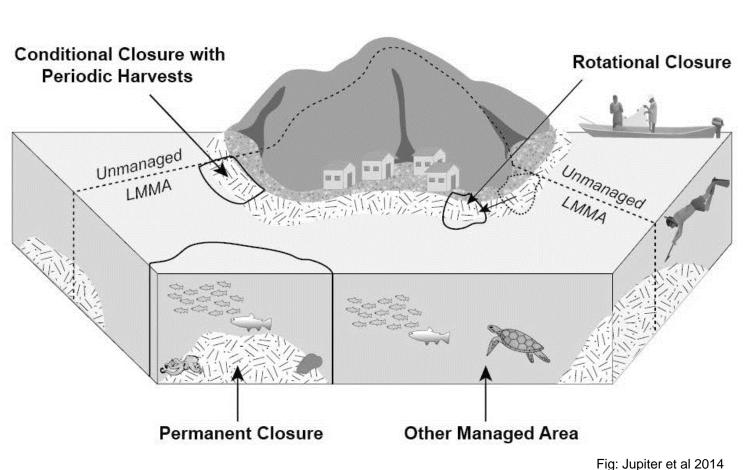


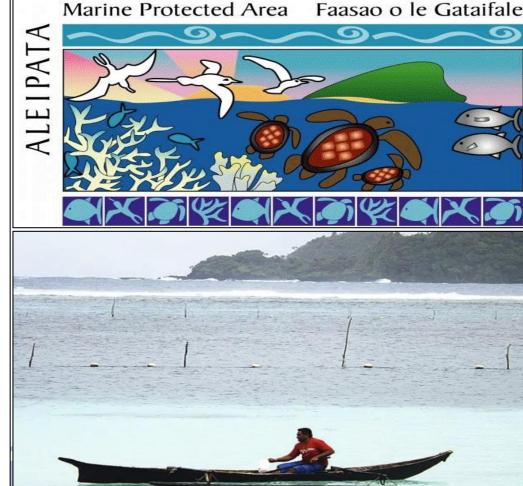






#### Reducing Reef Stressors: Locally Managed Marine Areas (LMMA)









#### Reducing Reef Fishing Pressure: Alternative Livelihood: Aquaculture







# Next Steps: Taveuni, Fiji



#### **Implementing Adaptation Actions**

#### **Stakeholder-Determined Priorities:**

- Mangrove Restoration
- LMMAs
- Alternative Livelihood

#### Partner with:













# Next Steps: Tokelau



#### **Planning Adaptation Actions**

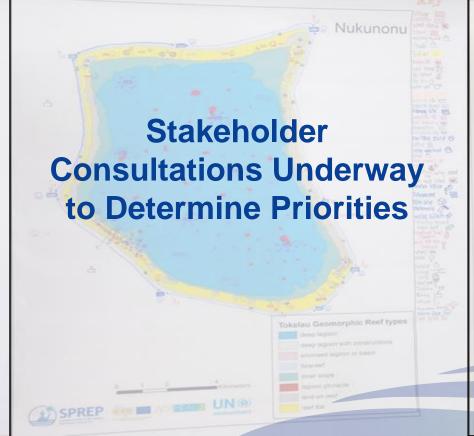
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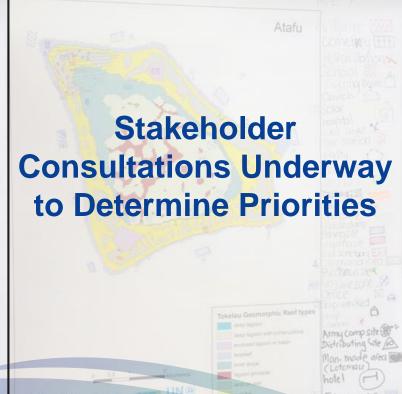
# Stakeholder Determined Priorities:

- Coral Restoration
- Erosion control

Potential Partner:









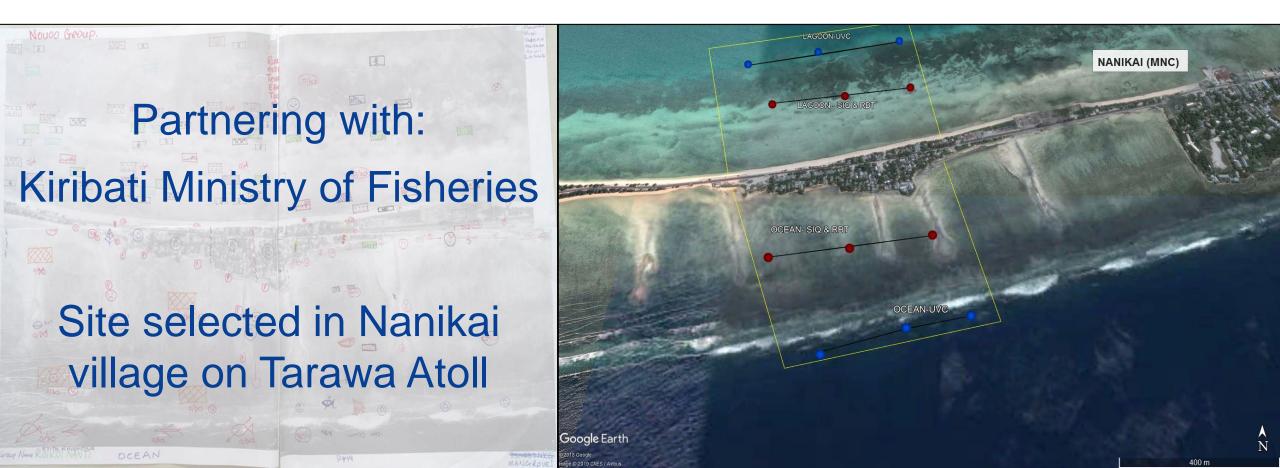


# **Next Steps:**

## Kiribati



#### **Conducting Marine Baseline Surveys to Plan Adaptation**







# Next Steps: PPOA Project

# Seek Additional Support

# Expand Project to Other Pacific Island Sites

















# Whakawhetai Kia Koutou



# Fa'afetai Lava Thank You!



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