

MACBIO

Marine and Coastal Biodiversity Management in Pacific Island Countries



On behalf of:



Federal Ministry
for the Environment, Nature Conservation,
Building and Nuclear Safety

of the Federal Republic of Germany

Presentation Outline:



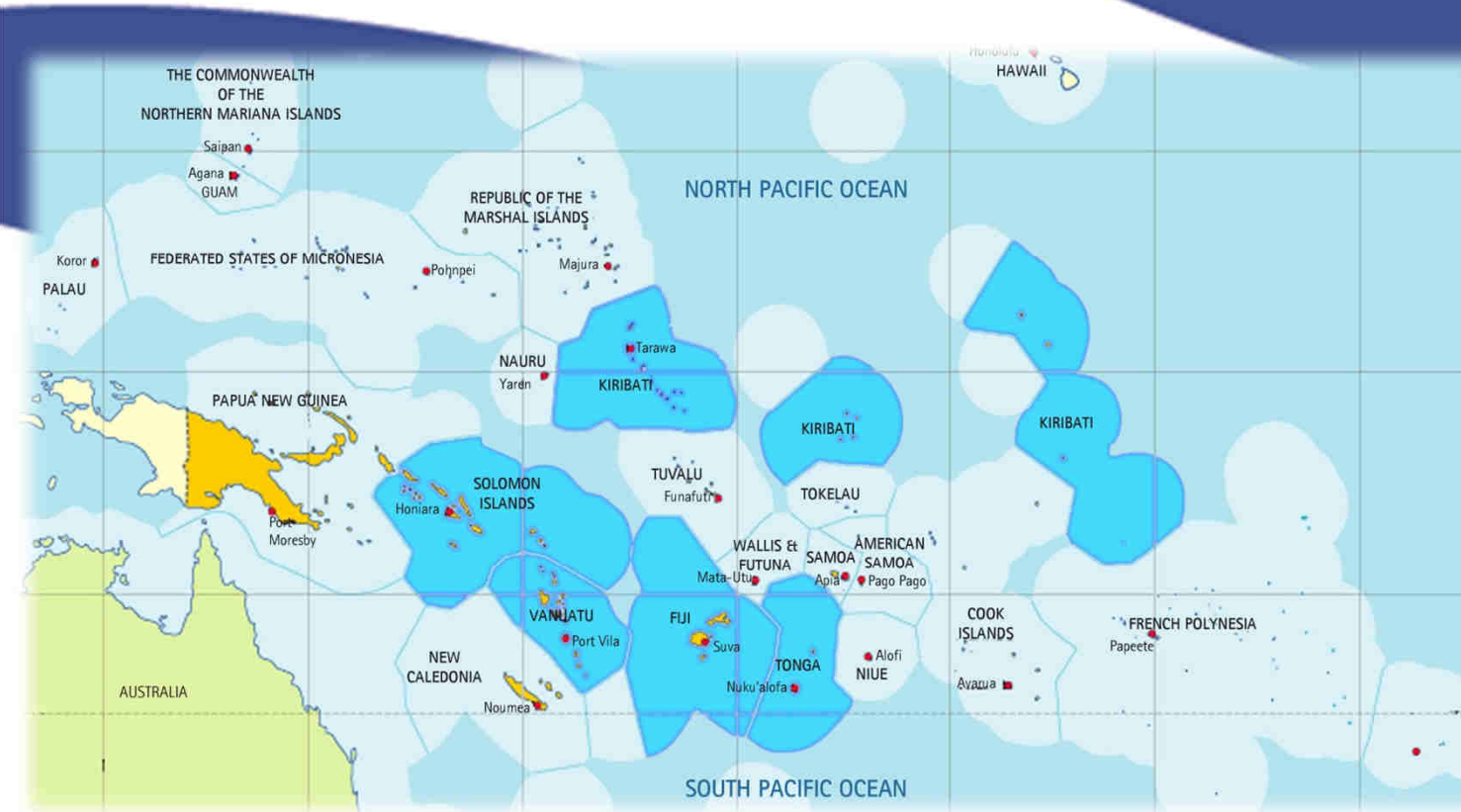
1. Project Background
2. What is Marine Spatial Planning?
3. MSP in Fiji
4. Fitting into the CBD Puzzle –Aichi Targets
5. Governments Objectives on 30% Commitment
6. Typology
7. Marine Priority Sites
8. Bioregions
9. Decision-making



Project Objective



To support sustainable management of marine and coastal biodiversity in 5 Pacific Countries (Fiji, Kiribati, Solomon Islands, Tonga, Vanuatu)



2013 – 2018

€ 8.1m

Project Background



- German Federal Ministry of Environment, Nature Conservation, Building and Nuclear Safety (BMU)
- Supports commitments by countries to improve coastal and ocean management
- This includes national level policies and plans
- Designed with in-country CBD focal points
- Prepared in collaboration with SPREP
- ***Aims to support national plans and desires to improve ocean and coastal management***



Marine Spatial Planning (MSP)



1. Planning process to identify the various uses (and values) of marine areas



2. Identify areas of competing /compatible uses



3. Manage the uses to meet stated objectives



4. Establish frameworks to support the management

MSP in Fiji



- Exclusive Economic Zone (EEZ) wide scale – collaborating with other partners focusing in specific areas of Fiji

Existing marine baselines:

- Inshore areas – various definitions from within the qoliqoli to within 3 nautical miles of the high water mark
- Offshore areas - outside qoliqoli areas/outside archipelagic waters
- Legally defined baselines - Archipelagic waters and [EEZ](#)
- Brief marine areas we are working [with](#).



MSP in Fiji to Help Achieve 30% MPAs

Next Steps



- Consultation on bioregions work within working group
- Consultation on proposed bioregions, typology, placement guidelines
- Revision of all results based on consultation
- Seek Fiji government endorsement on draft bioregions/principles
- Prepare draft map of candidate areas for protection & prepare for Fiji Government led consultations
- Analysis of input from consultations is used to revise draft map
- Finalise draft map and hand over to Fiji Government



Fiji's international CBD commitments



- Integrating economic assessment of marine & coastal ecosystems into development and conservation planning **(Aichi Target 2) - MESV**
- Seascape level planning and adaptation of MPA networks **(Aichi Target 11) - MSP**
- Scaling up effective approaches to site management (locally managed marine areas and MPAs) **(Aichi Target 14 & 15)**



Fiji Government's commitment to protecting its seas



- In 2005 and 2014, at the Small Island Developing States (SIDS) meeting Fiji said that by 2020:



‘at least 30% of Fijis inshore (iqoliqoli) & offshore marine areas will have come under a comprehensive, ecologically, representative networks of marine protected areas (MPAs), which are effectively managed and financed’.



- Fiji Government's Green Growth Framework
- Draft 2015 National Biodiversity Strategy Action Plan.



Government objectives that Fiji's MPA Network can help achieve



1. Ensure food security
2. Sustain livelihoods
3. Restore and sustain the health and productivity of marine resources
4. Minimise conflicts between uses
5. Build resilience to climate change, disasters and extreme events
6. Restore and conserve biological diversity and ecosystem services



Typology



5 Possible MPA Types for Fiji

1. Coastal and Marine Managed Areas (IUCN Category VI)
2. Sustainable Use Area (IUCN Category V)
3. Habitat Protection (IUCN Category V)
4. Highly Protected Area (IUCN Category II)
5. Unique Managed Areas (IUCN Category IV)

Identifying Marine Priority Sites



1. Builds on Fiji Islands Marine Ecoregion (FIME 2004)
2. PoWPA Gap Analysis (PAC 2010)
3. Ecologically or Biologically Significant Marine Areas (EBSA 2011)
4. Update with new information eg defined Important Bird Areas, biodiversity indicators such species richness and so forth



Fiji Bioregions



- This is one of the data input into the MSP
- Draft version of this spatial layer
- Jonah Sullivan will be talking more about it..on..Wednesday



Support Decision making



Overlaying of information on marine areas such as:

- Economic use eg – DSM/ vessel tracks
- Ecological values eg Ecological sites map
- Important natural features

Decision making – selection of candidate sites and where to locate marine protected areas



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