



**Practical Solutions for Reducing
Community Vulnerability to
Climate Change in the Federated
States of Micronesia**



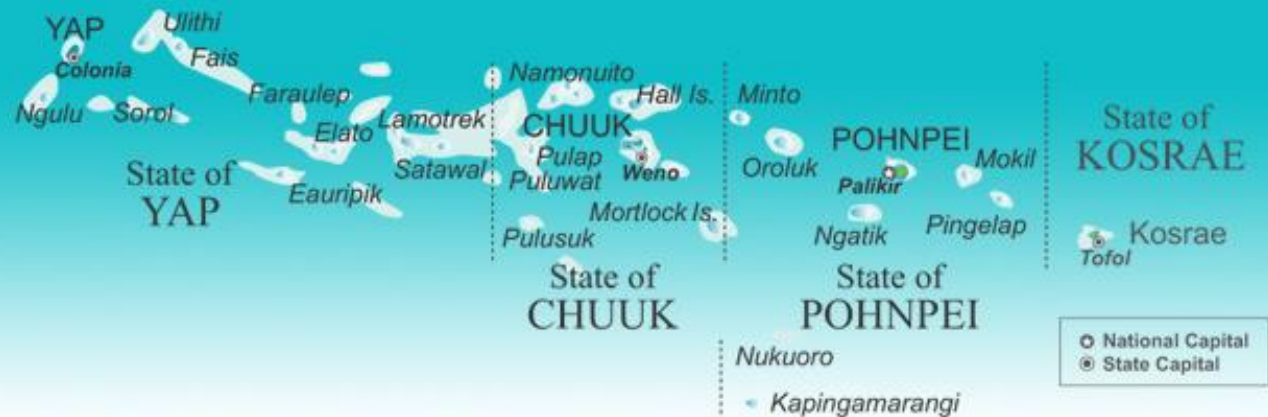
ADAPTATION FUND

National Implementing Entity , FSM





Federated States of Micronesia

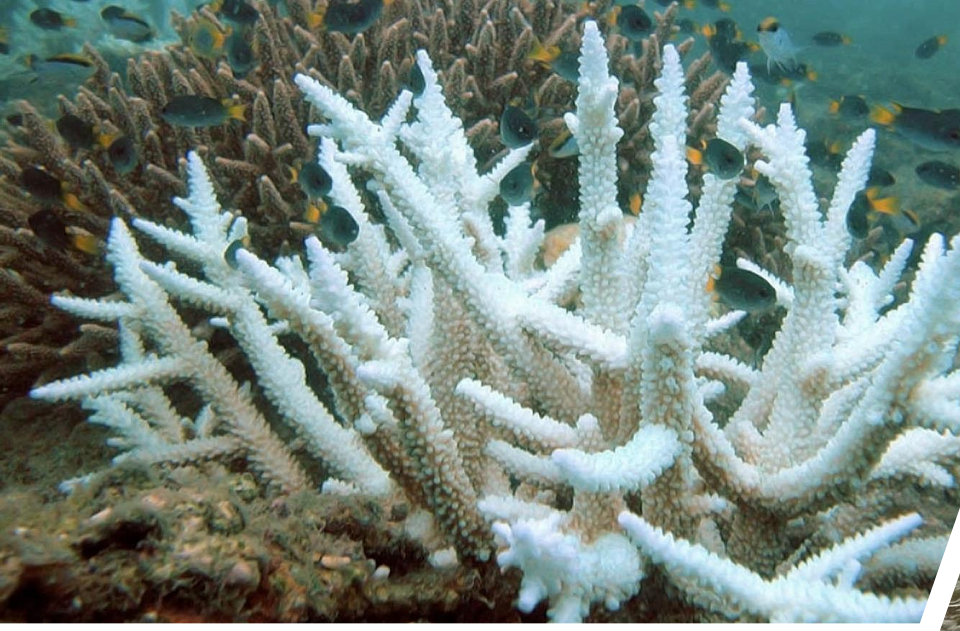


>1,000,000 square miles of ocean/607 islands

>112,000 people in 4 Island States: eclectic geography, ecology, language and cultures

More than 1,200 species of ferns and flowering plants, 1000 fish species, 350 coral species

More than 80% of communities in the FSM are vulnerable to sea-level rise and flooding: sea level rise has averaged 11 mm per year since 1993





**Climate
Adaptation
Intervention**

Marine Protected Areas:

Mitigate effects of climate change, increase coastal protection through maintenance of diverse and healthy reef communities

**Expanding
Protected
Areas and
Management**

Through Locally Led Implementation:

- ✓ Small Grants Facility
- ✓ Local community organizations, local governments
- ✓ Implementing Eco-based interventions



Project Design Challenges

- For MCT the biggest challenge was in the proposal stage to convince AF to approve a SGF because we have been subgranting for years already and have much experience with our granting cycles
- Helped to provide indicative lists of what we will fund and what we want to be clear
- Justifying the climate adaptation rationale of supporting Marine Protected Areas was new
- A need to collect and hold data and project information at a centralized location that is accessible by all
- Absorption capacity at the grass roots level is very limited: grants should start small as organizations/groups learn to implement



Lessons/Advantages of EDA/SGP

- Projects are in response to community planning, not dictated by donor or even national govt
- Traditional/Local Leadership values locally led initiatives, closer to the problem
- Local community empowerment to implement projects and in turn experience higher levels of social cohesion and capacity
- Project support is greater, local-led = local buy in
- Funds mostly remain in communities
- Capacity building at the local level (planning, project mgmt., financial accountability)





Examples of Funded Locally Led Projects:

- *Agroforestry for Food Security*: increasing nursery capacity to provide seedlings, gardens and livelihoods
- *Mangrove Ecosystems*: bringing together traditional leaders to design local policy on mangrove protection
- *Fisheries Regulations*: supporting development of local spear-fishing ordinances
- *Protected Area Awareness*: funding the development of locally produced media
- *Marine Ecosystem Health*: Restoring sea cucumber resources
- *Protected Area Development*: official designation of marine protected area
- *Elementary Education*: locally developed place-based lessons on conservation in schools



Kalahngan!

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