



# CHALLENGES AND NEEDS FOR COASTAL PROTECTION IN SIDS

Coastal Revitalisation and Protection A Fijian  
Experience

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## SIDS ... “A WAY OF LIFE” ...

- On an average about 75% of the population (in several cases over 90%) live along the coastlines
- Total dependence on the coastline (e.g. livelihood)
- Distance from technology, a laidback/rollback in time
- Unique cultural pathways

Contribution to Economy (e.g. 10% GDP)

# THE SCIENCE BEHIND THE STRUGGLE

- Climate change is causing sea level rise
- increasing the risk of flooding around the
- In 2020, global sea level set a new record high—91.3 mm (3.6 inches)
- In several locations, high-tide flooding is believed to be between 300% and 900% more frequent
- Extensive erosion and the shift in shorelines affecting homes – waters entering bedrooms
- These hazards pose a risk to people and the environment.



## NEED OF THE HOUR

- Innovation of a cost effective technology
- Capacities of the communities
- Resources to deploy the technology
- Governance mechanisms

# FIJIAN LESSONS

- Can be replicated
- Innovate to sustain
- Create MPAs, commercialise
- MDBs
- Jobs-4-Nature

# The Transformation of the Namoli Village Coastline



# LEARNING FROM SUCCESSFUL PLAYERS

- Singapore's cost effectiveness
- Donor agencies that support sustainable modelling
- Seed funding towards tangible assistance (e.g. plant & equipment)
- Private sector modelling
- Profit for purpose
- Establish a well structured cooperative organisation – that'll impact at the earliest