



# IMPLEMENTATION PROGRESS (IP) FOR COOK ISLANDS 2009- JUNE 2012

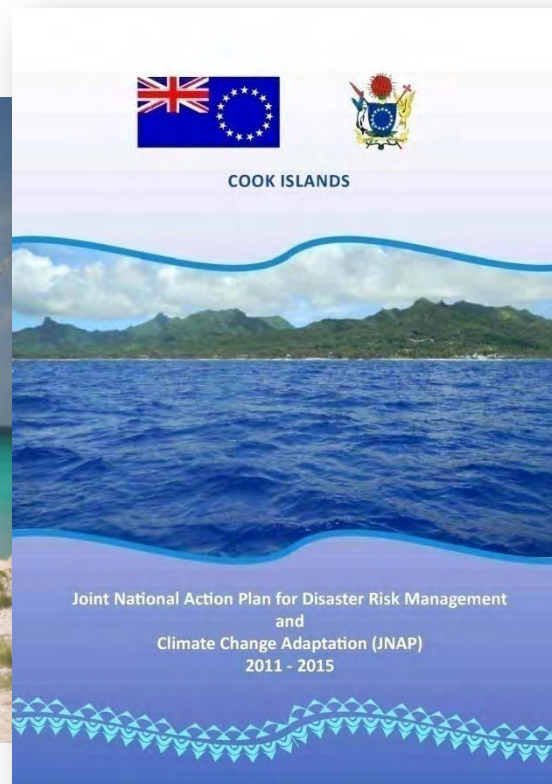
Ministry of Infrastructure & Planning



*With support from UNITAR C3D+ Program*

# Outcome I: Mainstreaming

## Cook Islands Joint National Action Plan for Disaster Risk Management and Climate Change 2011–2015





# Outcome 1: Mainstreaming...

## ACTIONS

## RESULTS

Integration of CC risks and resilience into targeted national and/or sectoral policy frameworks or policies developed

Incorporate DRM & CCA in National Development Plans  
 Develop a Policy Paper on Disaster Risk Management and Climate Change Adaptation mainstreaming.  
 Raise awareness within government on the importance of mainstreaming  
 Integrate natural hazard risk considerations into sector policies, plans and legislation,  
 Integrate natural hazard risk considerations into community development planning processes  
 Incorporate NAP actions in annual budget submissions

DRM & CCA treated as a development issue  
 Clear policy exists to enable mainstreaming  
 Support for DRM & CCA mainstreaming within government  
 An integrated whole-of-government approach to implementation  
 Risk and adaptation issues form part of community development initiatives  
 DRM & CCA actions are funded through ministry and agency budgets





# Outcome I: Mainstreaming...

ACTIONS	RESULTS
Institutional capacity and coordination mechanisms strengthened	
Prepare and implement an on-going Public Outreach and Education Programme Introduce Disaster Risk Management & Climate Change into the school curriculum	Communities aware of their risk exposure and empowered to take action to reduce their risks
Strengthen use of spatial mapping technologies and extend the development of risk exposure databases	Robust system in place to monitor the impacts of Climate Change and Sea Level Rise and the spatial distribution of hazard risk
Review development planning regulations Strengthen capacity of central and technical agencies in risk management based approaches to planning Raise awareness of developers Introduce by-laws at the Island level Develop a Land Use Planning Policy	Strengthened screening procedures for new developments Greater awareness and compliance Safer Island Communities Land use planning promotes safer distribution of developments





# Outcome I: Mainstreaming...

## ACTIONS

## RESULTS

Links with overall national and other sectoral policy processes and frames

Construct appropriate coastal protection structures to prevent flooding and damage from storm sea-surge, e.g. for Avatiu and Avarua townships

Upgrade coastal protection structures and harbors to higher cyclone and storm standards

Identify other coastal infrastructure in need of strengthening (e.g. reticulation systems, airports, coastal roads, etc.)

Coastal infrastructure is protected from storms and sea damage



# Outcome 2: Demonstration Measures

## Mangaia Harbour Improvements:





# Outcome 2: Demonstration Measures...

ACTIONS	RESULTS
<p>Preparation of technical guide the technical guide.</p> <p>Vulnerability &amp; Adaptation assessment            Socio-economic assessments            CBA            Technical design documents            Risk based approach to adaptation</p>	<p>National consultations that have informed the PACC project in general            Extensive stakeholder discussions            Quarterly reporting at the Climate Change Country Team            Level of awareness and technical capacity enhanced is difficult to ascertain given survey forms are not distributed</p>
<p>Demo implementation</p> <p>Development and endorsement of the JNAP            Incorporation of coastal climate risks for additional harbours to be constructed            PACC Design Report 2012</p>	<p>Benefits to the Mangaia community (population 572 with 289 male and 285 female)            Significant improvements in coastal infrastructure planning and operations            Improved safety during harbour operations            More efficient shipping cycle times and delivery            Reduce the impacts of cross-currents flowing into the channel            Gender aspects</p>





# Outcome 3: KM, Awareness, Communications

## ACTIONS

## RESULTS

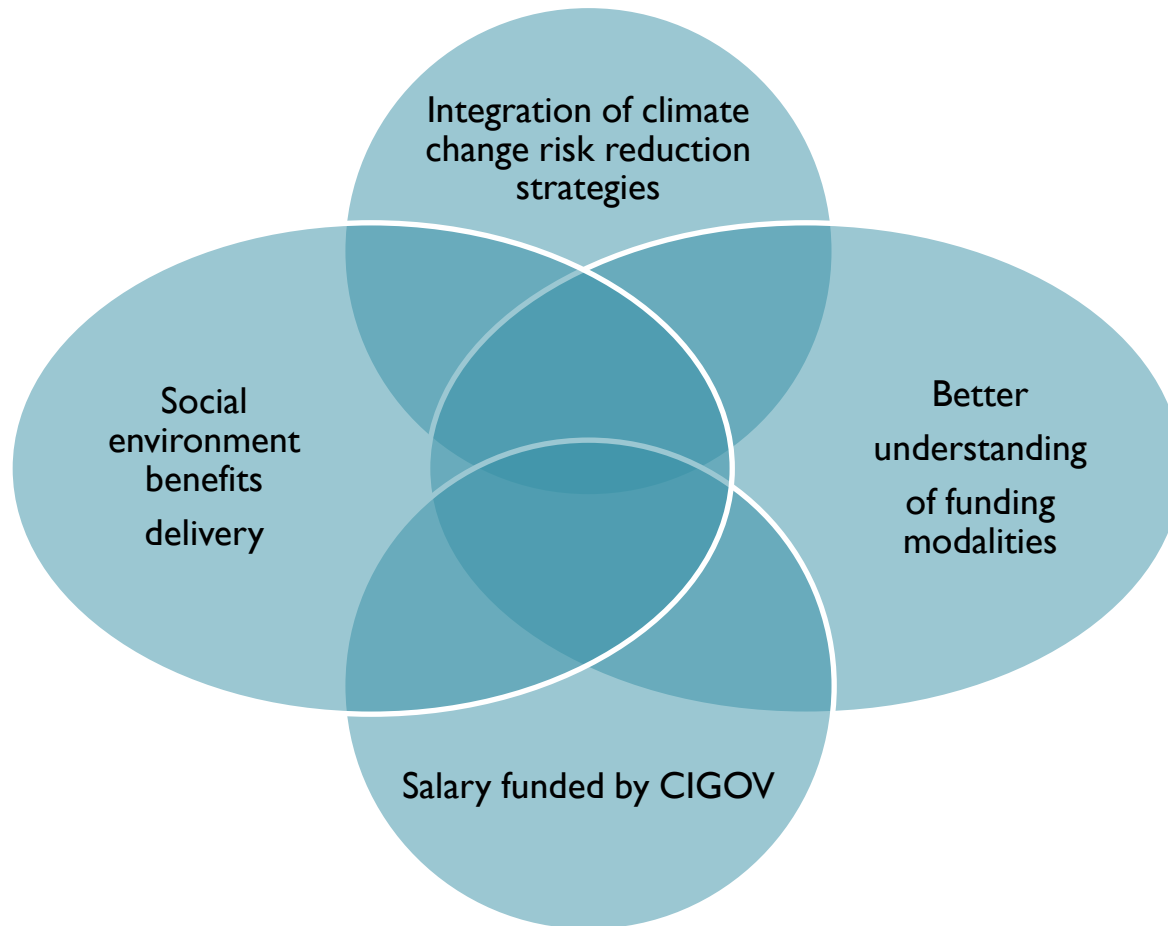
Pacific Adaptation to Climate Change, 29-12-11.avi



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# Summary of success factors





# Summary of challenges

Problems/issues	Solutions & Way Forward
Lack of integration across the sector of climate change concerns into policies and programmes	Development of the Joint National Action Plan for Disaster Risk Management and Climate Change 2011 – 2015 with direct links to PACC
Results based emphasis on measuring level of awareness and technical capacity	Build on and learn from other activities/initiatives such as IWRM
The sustainability of increasing adaptive capacity	Implementing programmes to reduce the adverse effects of climate change on key development sectors across the whole of government



# Further capacity and technical assistance needed

## Outcome 1

- Assistance with policy development for coastal management
- Legislative drafting

## Outcome 2

- CBA to support up scaling activities (Harbour development in selected outer islands)

## Outcome 3

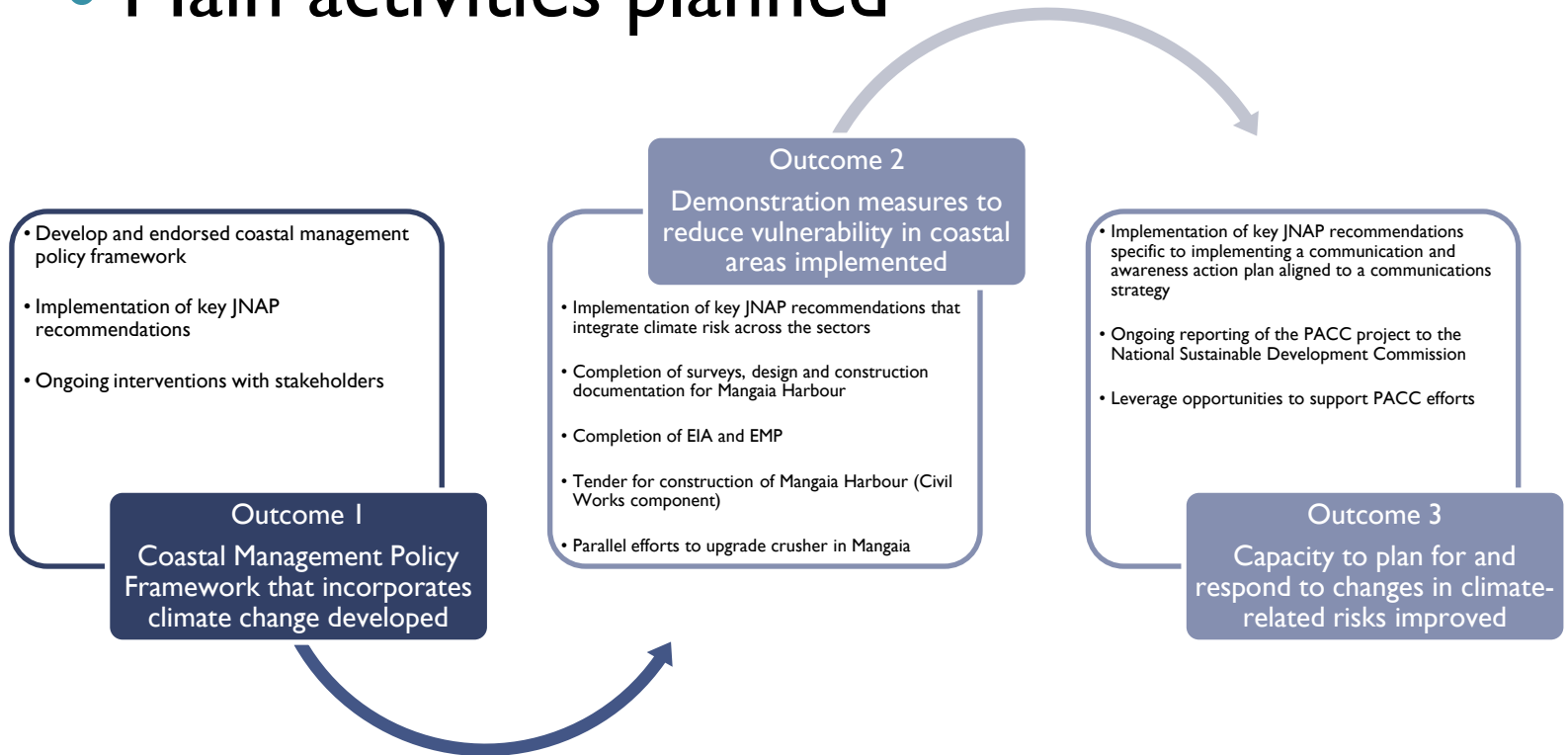
- Engagement of services to roll out the initiatives captured in the communications strategy

## Outcome 4

- Project Management training

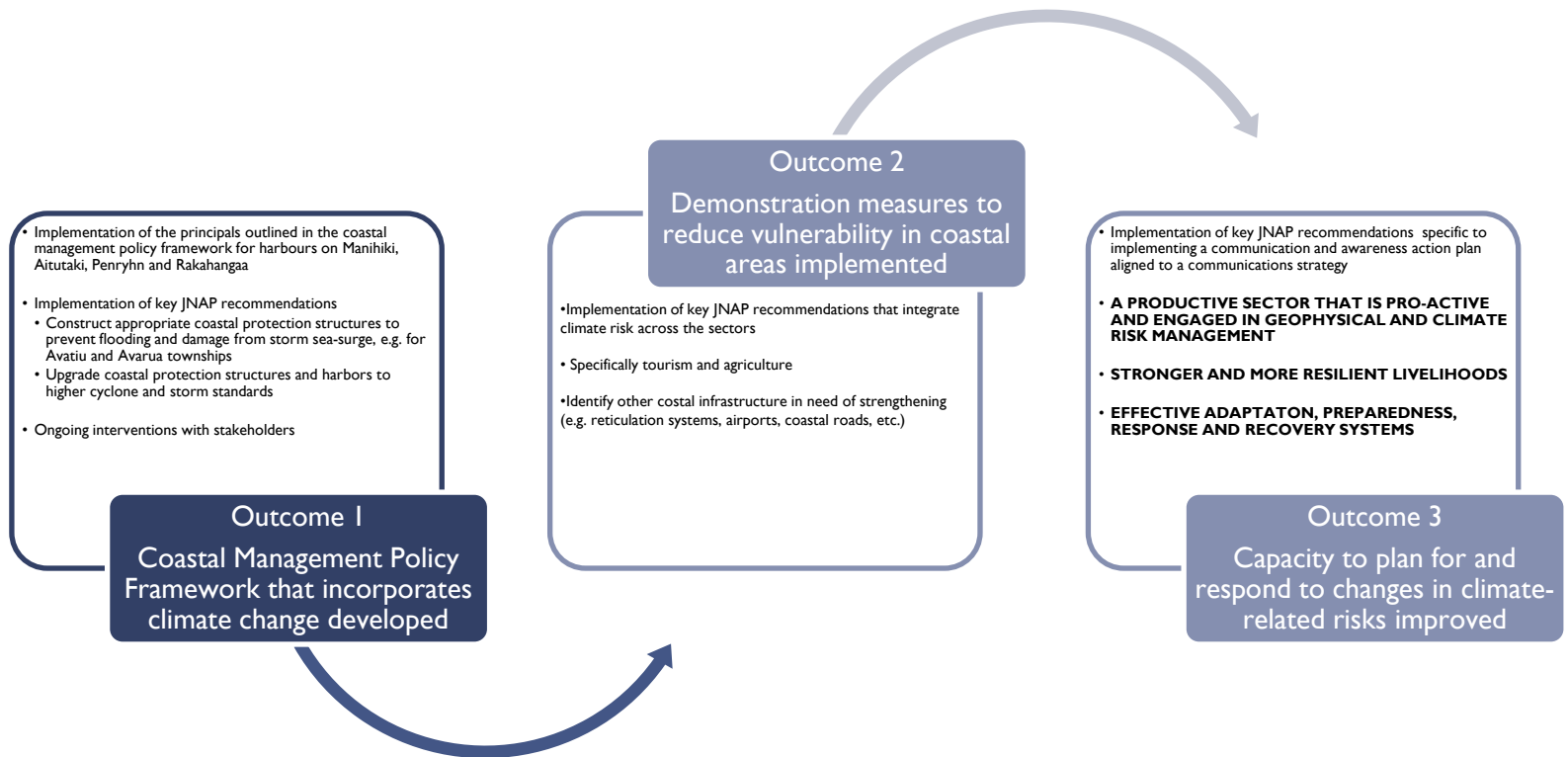
# Plans & Actions: 2012-2014

- Main activities planned



# Plans & Actions: 2012-2014

- Replication and up-scaling opportunities





Ministry of Infrastructure & Planning

*Kia Manuia*



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