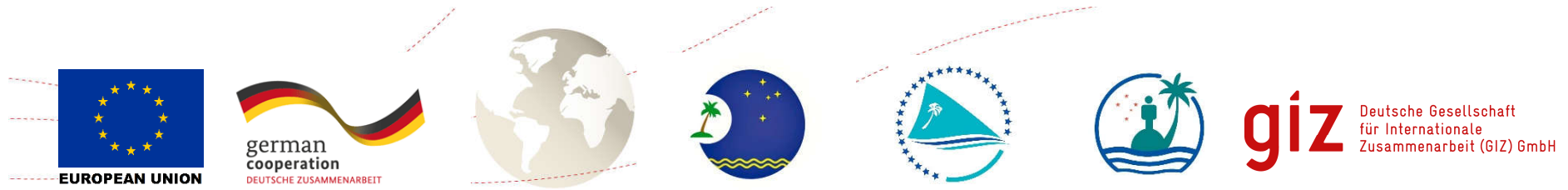




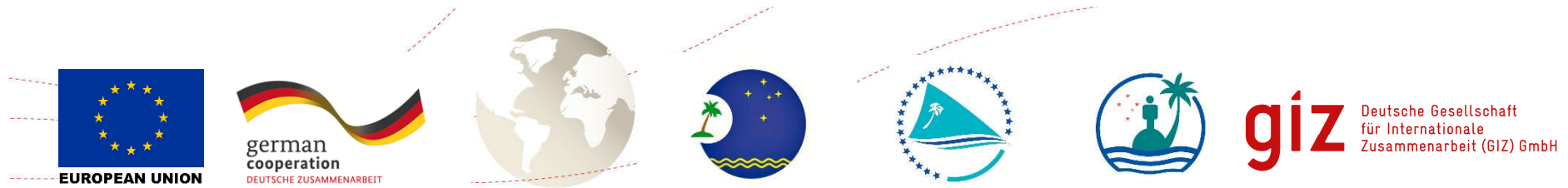
# Climate Change & German & EU Cooperation in the Pacific

*Dr Wulf Killmann  
Canberra, June 2017*



# Overview

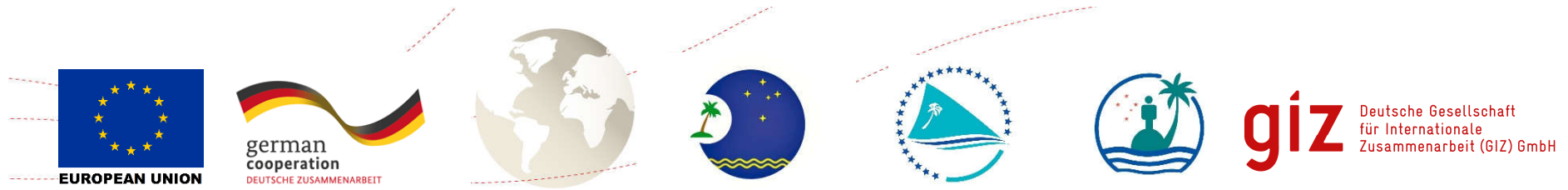
- **Pacific Island Region Characteristics and Challenges**
- **Climate Change Impacts**
- **Framework for Resilient Development in the Pacific**
- **German Cooperation with the Pacific**
- **EU Cooperation with the Pacific**
- **Interventions & Approaches**



## Pacific Island Region - Characteristics

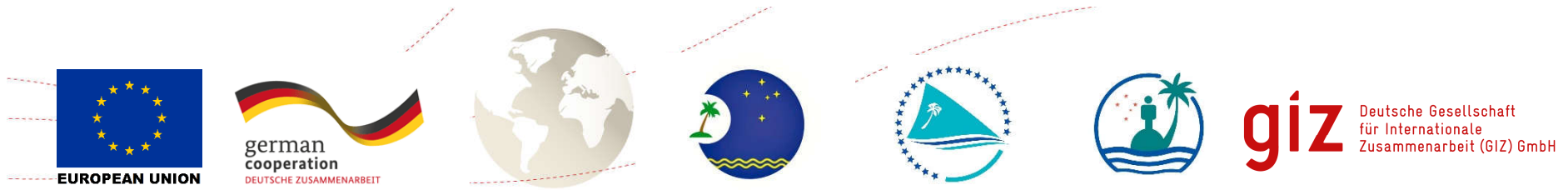
- Melanesia, Micronesia and Polynesia
- 22 States and Territories
- Population ~11M / 90% in Melanesia
- Great geographic & cultural differences
- Atolls & high islands
- high language diversity
- 99% water
- Large distances





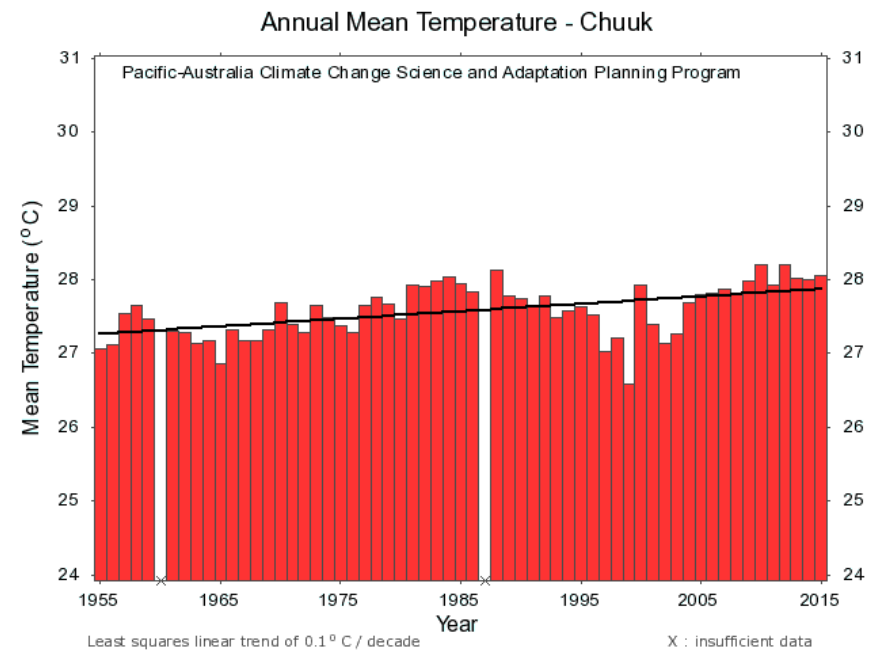
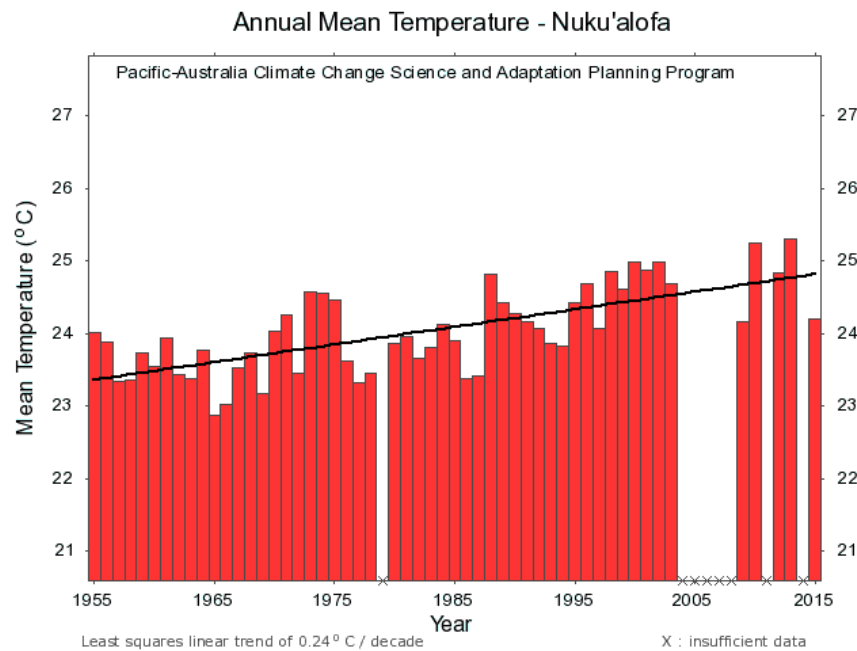
# Pacific Island Region - Challenges

- High transport costs
- Energy dependent on fossil fuels
- Population growth (esp. in Melanesia)
- Vulnerable economies & ecosystems
- Unsustainable use of natural resources
- Governance
- Health (NCD)
- Climate change



# Impacts of Climate Change (1/3)

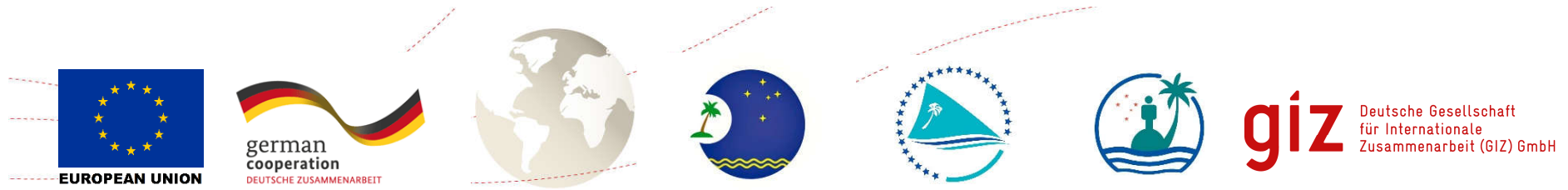
- Increase in mean air temperature (past decade being the warmest on record)
- Increase in number of unusually hot days and nights



## Impacts of Climate Change (2/3)

- Warming of oceans
- Sea level rise 6 mm/year
- Acidification of oceans
- Changing rainfall patterns
- Increased cyclone intensity

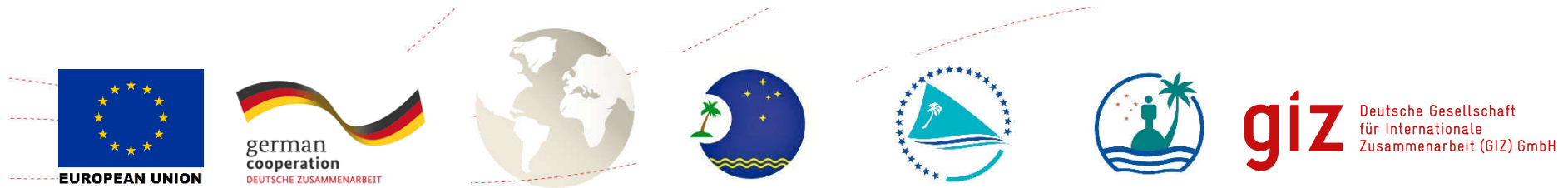




## Impacts of Climate Change (3/3)

- Stress on ecosystem functions
- Stress on agricultural crops/domestic animals, forestry, inshore fisheries
- Changes in species distribution
- Shift in fish populations
- Water shortage
- Salinization of soils and ground water
- Loss of corals
- Increased incidence of vector-borne diseases

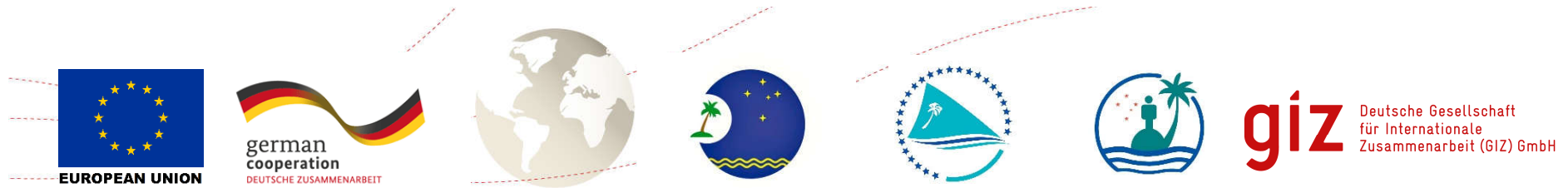




# Framework for Resilient Development in the Pacific

- Regional integrated approach
- High-level voluntary strategic guidance

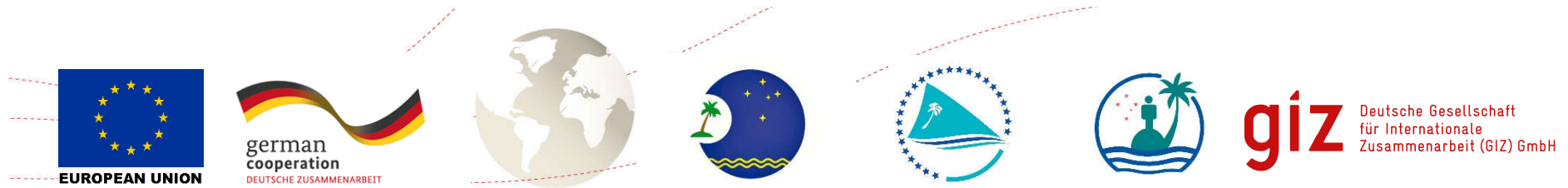




# German Cooperation in the Pacific

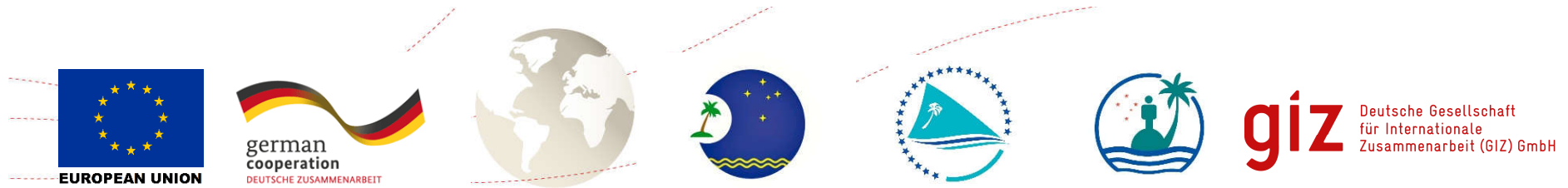
- Climate Change Adaptation
- REDD+
- Energy Efficiency & Renewable Energy
- Climate Change Education
- Climate Change Finance
- Coastal & Marine Biodiversity
- UNFCCC COP 23
- Partners SPC, SPREP, PIFS
- **>70 mill Euros 2009-2018**





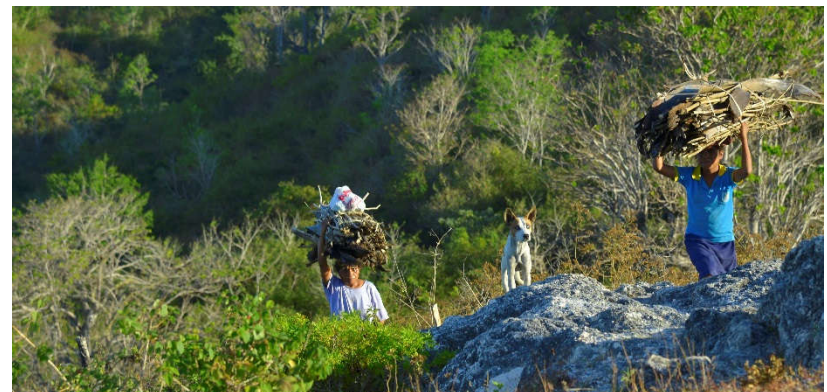
# German Cooperation

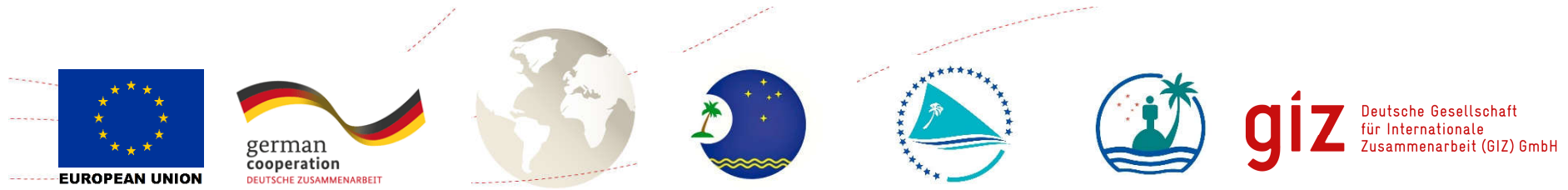
- Implemented in 15 countries
- Mainly through GIZ
- Also directly through SPC, SPREP, IUCN, RARE, TNC
- GIZ implements on behalf of:
- EU
- DFAT
- USAID
- Swiss Development Cooperation



## EU Cooperation in the Pacific

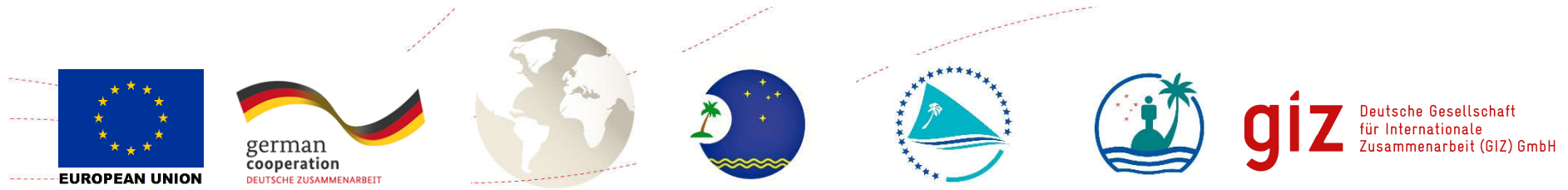
- European Development Fund (EDF 10, EDF 11)
- Global Climate Change Alliance (GCCA)
- GCCA+ Intra ACP Programme
- **106 mill Euros in 2008-2013**
- **292 mill Euros 2014-2020**
- Partners SPC, PIFS, USP, SPREP & GIZ





## Interventions & Approaches (1/2)

- Multilevel approach (regional, national, local)
- Mainstreaming of CC in national and sector policies and strategies
- CC adaptation at community level
- Ridge-to-Reef / Whole-of-Island integrated approaches
- Internal relocation
- CC mitigation through REDD+
- Energy Efficiency & Renewable Energy



## Interventions & Approaches (2/2)

- Climate resilient root crops
- Coastal protection / mangrove rehabilitation
- Water and sanitation
- Contour planting
- Agroforestry measures
- Nearshore Fish Aggregating Devices
- Climate finance readiness
- Climate change education
- Low-carbon sea transport



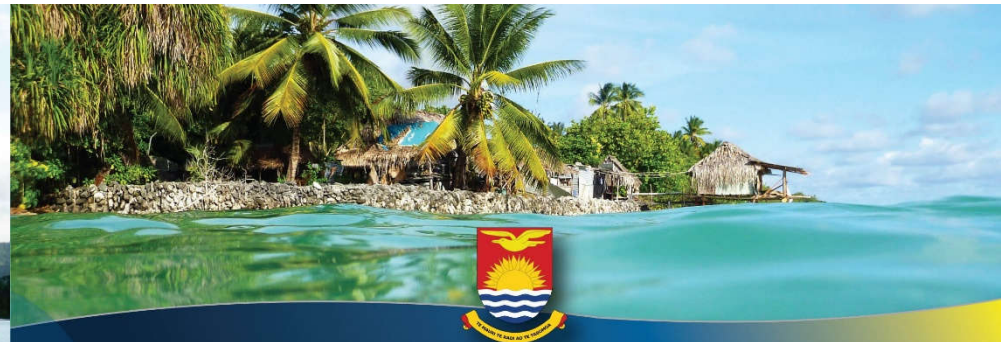
# Choiseul Integrated Climate Change Programme



*Objective: The resilience of the Luru people to impacts from current and emerging threats of climate change, environmental degradation and natural disasters is sustained and strengthened*



- The Choiseul Integrated Climate Change Programme partnership is open to new partners -



# Whole of Island Approach

**Objective: Increase capacities of communities to cope with impacts of climate change and hazards for sustainable development**



**Climate change & hazards are impacting all sectors and livelihoods**



**A range of partners support joint efforts to enhance coordination, collaboration & learning**



- The Whole of Island partnership is open to new partners -

Thank you!

