



# What regional collaborations are currently ongoing

## Policy Drivers & Supporting Processes

### **Drivers**

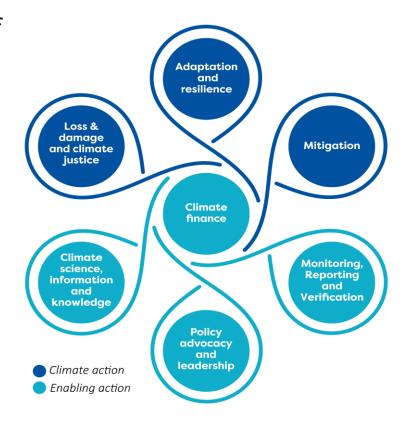
- 2050 Strategy for a Blue Pacific Continent & Implementation Plan
- WCPFC Climate Resolution
- Framework for a Pacific Oceanscape
- Framework for Resilient
   Development in the Pacific
- Regional Roadmap for Sustainable Pacific Fisheries
- FFA Climate Change Strategy
- FAME's 2022-2027 Business Plan

### **Supporting Processes**

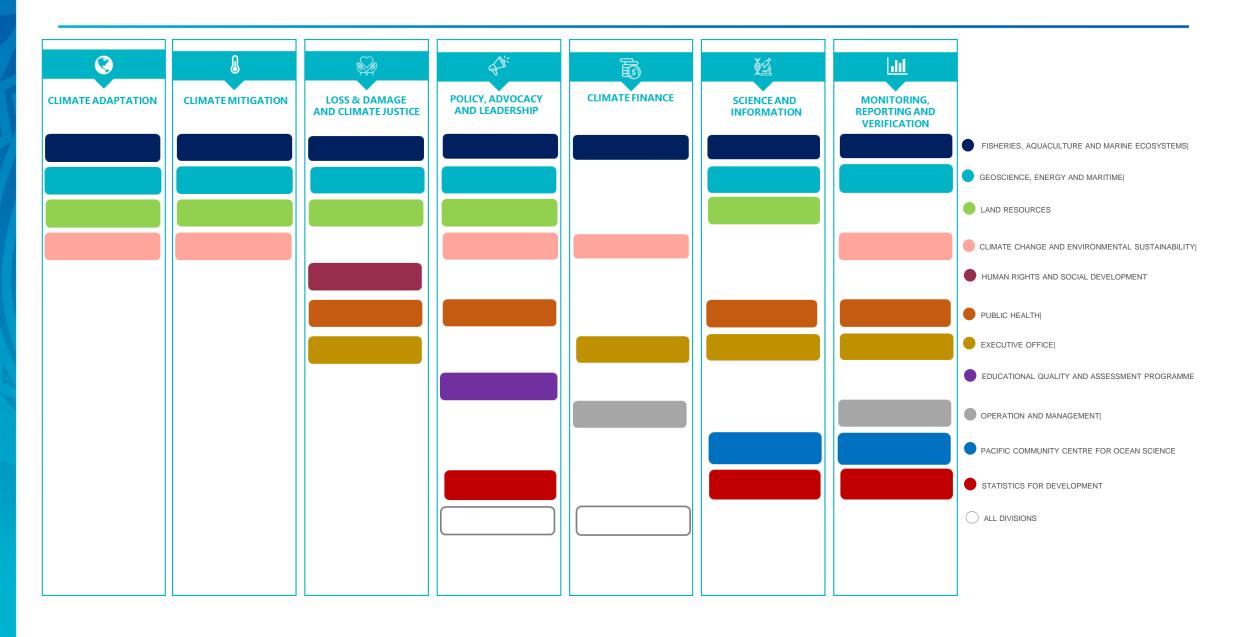
- 2050 Multi-stakeholder Expert Groups (PIFS)
- Taskforce on International Engagement and Advocacy (PIFS)
- Regional Fisheries Ministers Meeting
- Forum Fisheries Committee
- Western and Central Pacific Fisheries Commission
- Parties to the Nauru Agreement
- Heads of Fisheries (SPC)
- Committee of Representatives of Governments and Administrations
- SPREP Meeting
- Marine Sector Working Group
- FFA, SPC, PNAO, SPREP

### Climate Change Dimensions

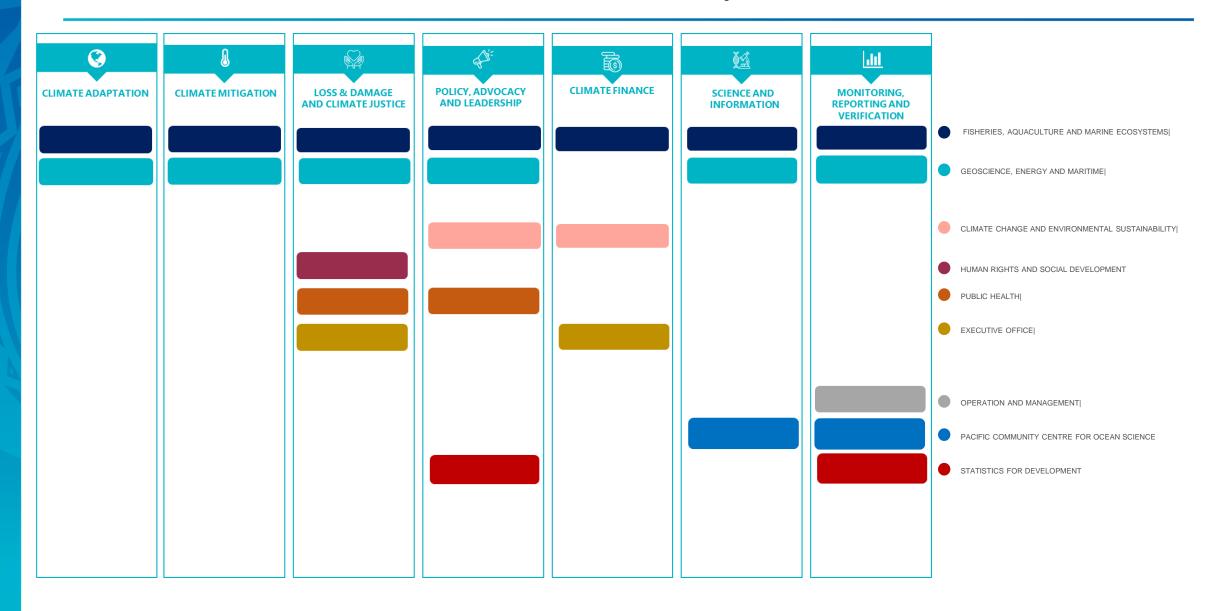
- i. Climate adaptation & resilience (adapting human activity and the natural world to life in a changing climate)
- ii. Climate mitigation (reducing climate change)
- **iii. Loss and Damage & Climate justice** (equitable distribution of the burdens and benefits of climate change)
- iv. Facilitating policy, advocacy and leadership
- v. Leveraging climate finance
- vi. Developing climate science and information
- vii. Supporting monitoring, reporting and verification (MRV)



### **SPC Wide Stocktake Overview**



## Fisheries (Oceanic, Coastal, Aquaculture Overview)



### SPC-FAME

- Oceanic Fisheries
  - USD15 M direct support for tuna and associated species

- Coastal Fisheries & Aquaculture
  - <USD1M direct support</li>

#### Drivers

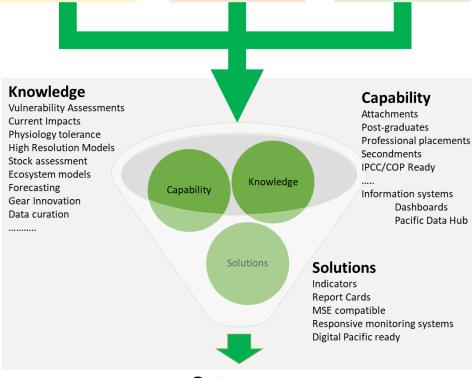
- Ocean warming
- · Ocean chemistry
- · Primary production
- Circulation
- Hypoxia
- . 14/----
- Weather
- Energy pump
- · Carbon aware markets
- .....

#### Risks

- · Shifting distributions
- Marine heatwaves
- Ecosystem change
- Food insecurity
- Decreased yields
- Loss of livelihoods
- Reduced GDP
- Social Impacts
- Biodiversity loss
- ......

#### Opportunities

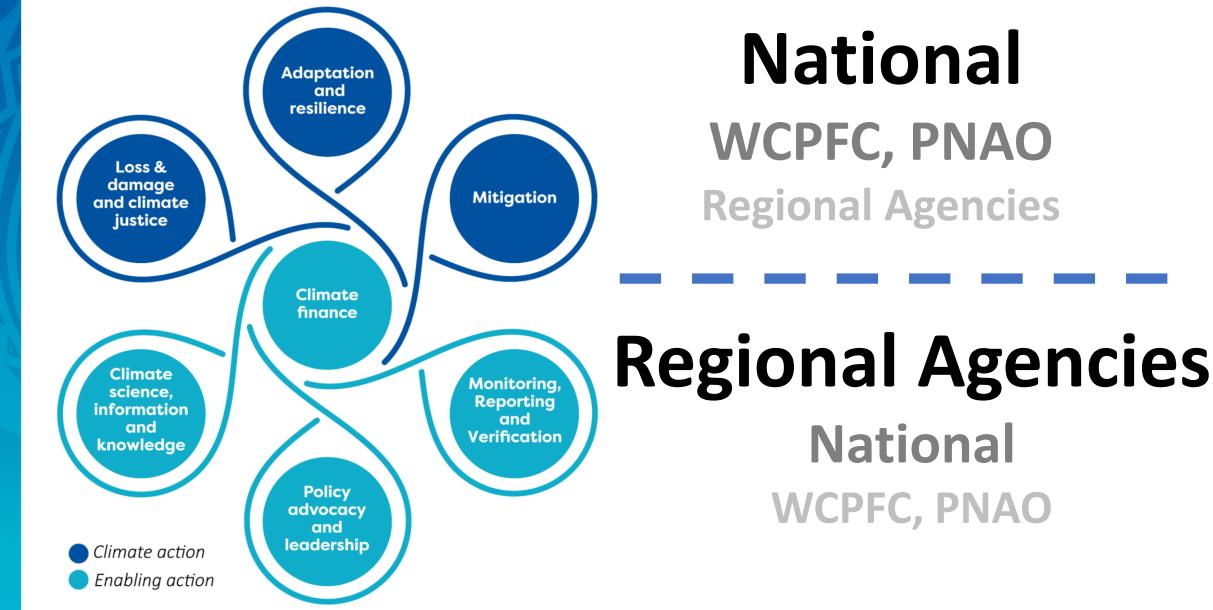
- Investment in climate smart fisheries & aquaculture
- Increased resilience in fish stocks
- Reduced reliance on vulnerable resources
- · Global leadership
- Climate Justice
- Climate smart technology
- .....



#### **Outcomes**

- Members have decision ready products and pathways to inform management, investment and adaptation
- · Improved understanding of fisheries & aquaculture sector to risks due to climate change
- New understanding of technological and novel approaches for adaptation to climate change
- New markets for climate smart fisheries and aquaculture
- Responsive monitoring systems

# Roles and Responsibilities



## Stocktake of Regional Agency Capabilities

Loss &
Damage
and climate
justice

Establish & Quantify Baselines

Attribution Science

Foresight/Horizon scanning

Adaptation & resilience

- Securing Access Rights
- Maritime Boundaries
- Strategic Investments
- Fishery Development

Climate Mitigation

- Green Ports & Shipping
- Carbon Budgets
- Carbon Sequestration
- Negotiation

SPC-FAME, SPC-GEM

SPC-FAME, SPC-GEM

SPC-FAME, FFA

FFA, PNAO

FFA, SPC-GEM

FFA, PNAO

**FFA** 

FFA, SPC-GEM

FFA, SPREP, SPC-GEM

FFA, SPC-GEM, SPC-CCES

FFA, SPC, PNAO, SPREP, PIF

## Stocktake of Regional Agency Capabilities

Climate
Science,
Information
&
Knowledge

- Climate Vulnerability
- Fish-Climate Projection
- Socio-Economic Impact

Policy advocacy & leadership

- Capacity Supplementation
- Capacity Development
- Publication

Monitoring, Reporting & Verification

- Indicators & Report Cards
- Ocean Monitoring
- Fisheries Monitoring

SPC-FAME, SPC-GEM

SPC-FAME, FFA

SPC-FAME, FFA

SPC-FAME, FFA, PNAO, PIF

SPC-FAME, FFA

SPC-FAME, SPC-GEM, FFA

SPC-FAME, SPC-GEM

SPC-FAME, SPC-GEM, SPREP

SPC-FAME, FFA, PNAO

Partners: SPC, CSIRO,

IRD, Mercator

Donors: MFAT,

GEF, EU

**Climate Science** 

Phys-biogeo-chemical **Changes** 

Partners: SPC, FFA, **CSIRO** 

Donors: MFAT,

GEF, DFAT,

WCPFC, EU

**Monitoring** Reporting & **Validation** 

Policy & **Advocacy** 

**Projection** 

**Baselines** 

**Forecasting** 

Partners: SPC,

**FFA** 

**Donors**: MFAT, GEF

**Partners: SPC** 

Donors: WCPFC,

MFAT, GEF

### **Key Messages**

- Responding to Climate Change is multi-dimensional.
- Decisions are national but the problem is regional
  - Pacific regionalism has achieved sustainability in Pacific Tuna fisheries
  - Regionalism will similarly be critical to developing and implementing solutions to climate change
- Established technical network of world leading collaborations
  - Opportunities to expand this collaboration
  - Fast track capability into the broader Pacific Community
- FFA and SPC have (and expanding) capabilities to provide decision-ready technical support
  - Challenge is to raise the urgency for mitigation in the regional and international arena