



Pacific  
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# Coastal fisheries livelihoods: diversification and food security

# Livelihoods diversification and food security

- PICTs have expressed the need for support in enhancing coastal fisheries livelihood diversification
- Numerous small-scale fisheries livelihood projects in PICTs, from support provided by international, regional organizations, donors, and non-governmental organizations
- Boat building, FADs, fishing techniques training, onboard fish handling
- Value adding, smoke, dried, bottled, canned fish, fish sausage etc
- **Several constraints:** vast ocean space, remoteness, lacking infrastructure, capabilities, access to markets
- Diversification actions not only to enhance food security and income sources but also to alleviate pressure on vulnerable habitats and species.



# Livelihoods diversification and food security

- Small-scale tuna fisheries
- Aquaculture, Mariculture
- Water-based tourism
- Many **solutions extend beyond** the fisheries sector
- FAME proposes multi-faceted approach to support PICTs, marine-based **extractive** alternatives, **non-extractive** alternatives within the coastal/marine sector, and (**land-based** alternatives).



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# Diversification of FAD Fishing Methods

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- Exploring different fishing techniques for food and income, in nearshore waters, midwater fishing, fishing with lights, and FADs.



## ALTERNATIVE, UNDERUTILISED RESOURCES

- Pencil squid, small pelagic fish (sardinella, anchovies, sprats), and flying fish.
- Diamondback squid
- Mahimahi
- DD Swordfish











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- Enhanced Fishing Conditions
- Aquarium Fisheries
- Handicraft products
- Aquaculture Seed Collection





## Non-extractive alternatives

- Tourism
- Nautical or Ecosystem Activities
- Closed-Cycle Aquaculture





# Agriculture, Horticulture





# Diversification challenges

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- Socially acceptable options
- Perishable nature of fish
- Value adding, Hygiene
- Fuel, bait cost
- Safety at sea, safe fishing
- Limited access to resources



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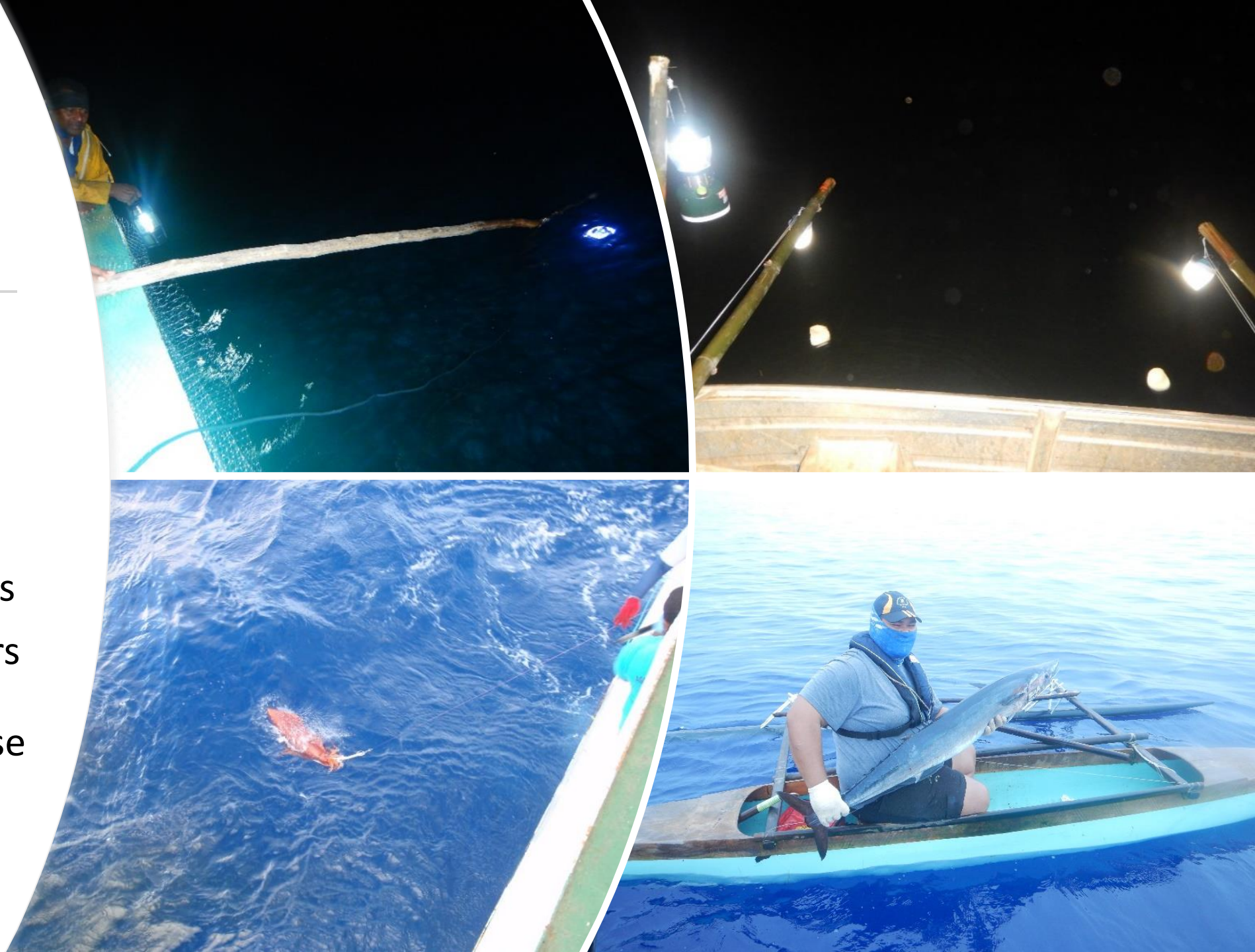
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- Priority for small scale fishers is to target the local markets.
- If there are exportable products, then these should be channelled through licensed exporters.
- Pointless to set up infrastructure for the export market without accompanying control measures in place for licensing and tracking fisheries products.



## Cost Benefit Analysis

- Information and data needs to be collected
- Critical to collect data and conduct project assessments
- For assessing factors contributing to success or otherwise









- *Discuss, share* livelihood diversification initiatives, challenges, identify solutions, focusing on specific areas where support is required.
- What *examples* can you share about successful and unsuccessful livelihoods development projects? What elements contributed to their success/failure?
- *Note* the limited capacity of SPC FAME to provide fisheries development, livelihood, social and economic support (only three staff members and consultancies subject to funding).
- Any suggestions / actions to take to HoF16