

Assessment Area	General Clause	Objective	Specie concerned	Proposed Actions / Activities
Category A Species. Greater than 5% of landings & Specific management regime in place	A3. Harvest Strategy & A4. Stock Status	Improve the stock assessment	Frigate tuna	Strengthen the sources that input to the catch estimation
		Promote measures to improve spawning biomass and regulate fishing effort		Review stock assessment models
		Strengthen the transparency of raw materials flow in the supply chain		
		Design a recovery plan for frigate tuna annexed to the fishery management plan		

ECUADOR SMALL PELAGICS FISHERY ACTION PLAN

Sub activities	Implementing institution	Indicator / Milestone	Estimated Budget
Strengthen the Responsible Fishing participatory monitoring program	FIP Research team	Technical reports	\$394,000.00
Promote the implementation of electronic logbook in the fleet	CNP-SRP-VAP	Technical reports	
Execute acoustic cruises to determine biomass, distribution, and population structure	CNP-SRP-VAP-IPIAP	Technical reports	
Estimate landings based on data from the Responsible Fishing Program, Observers and IPIAP monitoring	FIP Research team	Technical reports	
Implement new evaluation scenarios (review of life parameters and input data)	IPIAP, FIP Research team	Technical reports	
Peer review of new assessment	CNP-IPIAP	Technical reports	
Implement a responsible purchasing policy for whole fisheries that includes a mechanism for verifying compliance with responsible sourcing.	CNP-SRP-VAP	Industry's vessels registry and purchasing policy	
Strengthen closed seasons design aligned with maximum reproductive and recruitment periods.	FIP Research team	Improvement to management plan	
Design a strategy to recover stock	FIP Research team	Improvement to management plan	
Implement adaptive management strategies	FIP Research team	Improvement to management plan	
Monitoring eggs and larvae to determine periods and zones of reproductive activity	FIP Research team	Technical reports	
Correlate presence and abundance of eggs and larvae with oceanographic conditions	FIP Research team	Technical reports	
Correlate presence and abundance of eggs and larvae with the gonodasomatic index	FIP Research team	Technical reports	
Training the crew to identify reproductive activity	FIP Research team	Training seasons	

