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A Value Chain Analysis of the Dried Sardine Industry in the Philippines

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Overview of the Philippine Sardine Industry









Value Chain Analysis







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The Philippine sardine drying industry









73 Total Respondents









Dried Fish Production







Raw materials



RESPONSES

51%

Uses pure sardines species 73%

85%

Consider quality as one of the requirements

Sourced within the municipality



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Marketing: Season

PEAK SEASON

LEAN SEASON

44%

Market daily even in other municipalities

66%

Marketing done within the municipality only



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Marketing: Practices

RESPONSES

90% Have regular buyers

47% retailers
41% wholesalers
12% Traders/ neighbors

Dried products are either delivered or picked up







Policy and Government support awareness

RESPONSES

- **18%** Have knowledge of government support
- 64% Familiar with some fisheries laws and regulations
- 59% Aware of the closed season policy





Price flow





USD 0.22-0.50/kg Fresh sardines

USD 1.20-4.60/kg Dried sardines



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Trading process flow





MARKETING PRODUCTION PRIMARY TRADING PROCESSING CONSUMPTION >>> لت LOSSES due to: Delay in processing / Delay in food Delay in transport to Delay in transport from Use of inappropriate trading facilities; pre-processing; processing facilities; preparation; fishing gears; delay in temperature abuse inappropriate temperature abuse inappropriate thawing transport from fishing processing practices; during post-harvest during transport and method; temperature ground to landing sites handling and trading temperature abuse storage; rejection abuse **WASTES** due to: Product deterioration Physically damaged fish Non-utilization of some Non-consumption of due to prolonged Discards / by-catch in landing sites body parts some product parts storage



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Losses and wastes



	Strengths / Opportunities	VC Nodes	Challenges / Bottlenecks
	Popularity of traditional sardine products among consumers	CONSUMPTION	Limited access to an array of sardine products due to limited value added sardine products available in the market
	Presence of institutional markets that have distribution channels (e.g. supermarket chains) Presence of industry association (SCA)	MARKETING / DISTRIBUTION	Non-competitiveness of sardine products Only targets existing traditional markets for fishery products
	Availability of different processing methodologies for sardines; presence of large sardine canning facilities	PROCESSING	Non-standardized processes (drying, smoking) Limited facilities for large scale production of sardine products Losses due to non-utilization of processing waste
S	, Availability of public and private fish ports and other trading facilities	PRIMARY TRADING	Post-harvest losses due to unavailability of IPCS facilities in some areas Fluctuating prices of sardines Mishandling; non-observance of GMP
	Implementation of the National Sardine Management Plan Strong sardine producers association	PRODUCTION	High volume, low value of sardines Low income of small fishers Site specific implementation of closed season policy Competition in fishing grounds
	Implementation of the National Sardine		Limited access to formal lending

Strengths and Challeng

Management Plan Strong sardine producers association

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institutions for the purchase of inputs



Intervention Framework





21 | 25 November 2021

