



HIGHLIGHT

EN

PT Sekar Laut Semester Report of Seafood Savers Membership

Summary of Improvement Development of
Shrimp, Trammel Net in Kotabaru, Indonesia
November 2017 – April 2018

(Buguh Tri Hardianto) - *(Capture Fisheries Officer)*

General Information

1. Location

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Institution	Fisher Group Name	Location (Island/Vilage)	Disttrect/Province	Effort
PT. Sekar Laut Tbk	KUB. Usaha Bersama and KUB. Tunas Harapan	Senaken Village and Pulau Laut Tengah, Kotabaru	Kotabaru DitRICT, South Kalimantan	28 People

2. Fishing Practice

- Minimum size (commodity name) :

Local Name	English Name	Scientific Name	Note
Udang Putih	Banana Shrimp	<i>Fenneropenaeus indicus</i>	
Udang Jerbung	Banana Prawn	<i>Fenneropenaeus merguensis</i>	LM : 12,7 – 20,32 cm

- Fishing Method : *Trammel Net and Gill net*



- Price

Local Name	English Name	Scientific Name	Price in Middlemen	Price in PT. Sekar Laut Tbk (IDR/Kg)
Udang Putih	Banana Shrimp	<i>Fenneropenaeus indicus</i>		Rp.125.000 – Rp.175.000/Kg
Udang Jerbung	Banana Prawn	<i>Fenneropenaeus merguensis</i>		

4. Additional Information

- a. Before the implementation of action plan agreed by all stakeholders in Kotabaru, a team for coordinating shrimp fisheries improvement program has been established. The scheme is seen below:



- b. The first year of improvement program focuses on selecting fisher groups which will be the UoC and initiative of the appropriate catch result data record in shrimp supply chain.
- c. The logbook form has already distributed to KUB Tunas Harapan in Senaken Village and KUB Usaha Bersama in Laut Tengah Island.
- d. The implemented logbook is under the supervision of Fisheries Advisor.
- e. Currently, the logbook record works for 1 month.
- f. Conducting BMP compliance to find out the T0 level resulting that the shrimp fisheries practice done by KUB Tunas Harapan is 78% complies with BMP-Shrimp, while KUB Usaha Bersama's is 77,3%.
- g. Both fisher group shall improve the fishing practice aspects covering:
- Vessel permit, at least fishers register the vessels to the Fisheries Offices of Kotabaru District
 - Recording catch result data using logbook
 - Disposal issues, fishers still dispose fish waste such as food package to the sea.

- Workplace safety, fishers shall bring first aid kit during the fishing practice.
- Regular meetings for all member of fisher group is required. Currently, meeting is only held when there is a project.

h. Generally, the fisheries improvement program activities are seen below:

Detail Evaluation of PT Sekar Laut Tbk Membership on the Implementation of Fisheries Improvement Program (FIP):

DETAIL ACTION (For the Seafood Savers Member) Seafood Savers)	OUTPUT AND INDICATOR OF DETAIL ACTION (For the Seafood Savers Member)	ACTION LEAD & PARTNERS	SEAFOOD SAVERS Stage		EVALUATION RESULT	FOLLOW-UP PLAN/DIFFICULTIES
			INTERMEDIATE	ADVANCE		
1.1.1. Conducting biological research for targeted shrimp species in Kotabaru District	The availability of targeted shrimp species productivity's information using RBF	Lambung Mangkurat University (UNLAM), Fisheries Office of Kotabaru, Fisheries Office of South Kalimantan Province and Fishers			Biological and PSA assessment has been implemented by an assessor (Dr. Diah Permata) when conducting Pre-Assessment Logbook has been started by the two fisher group; KUB Usaha Bersama in Sungai Pasir Village and KUB Tunas Harapan in Senakin Village, Kotabaru	Will have deeper communication with UNLAM to gain academical support in implementing FIP in Kotabaru Will conduct a data collection on: <ul style="list-style-type: none"> - Catch composition - Biological catch - Historical catch - Social economy of fishers - RBF And updating information of the applied RBF assessment

1.1.2 Do not need action because stock status (1.1.1) has been assessed using RBF					PSA has not been implemented	Will be done after there is scientific study
1.1.3 Do not need action because stock status (1.1.1) has been assessed using RBF					PSA has not been implemented	
1.2.1 Providing harvest strategy for targeted shrimp species	The availability of harvest strategy for targeted shrimp species which covers the policy for total number of sustainable fishing activities, monitoring scheme and evaluation as well as periodical review	UNLAM			Has not been implemented	Will be conducted when scientific study is available

<p>1.2.2 The availability of target shrimp harvest management</p>	<p>The availability of regulation on harvest strategy for targeted shrimp which covers reducing harvest plan if the stock status is reaching reference point limit and uncertainties</p>	<p>Lambung Mangkurat University (UNLAM), Fisheries Office of Kotabaru, Fisheries Office of South Kalimantan Province and Fishers</p>			<p>Has not been implemented</p>	<p>Will conduct a data collection on:</p> <ul style="list-style-type: none"> - Catch composition - Biological catch - Historical catch - Social economy of fishers - RBF <p>And updating information of the applied RBF assessment</p>
<p>1.2.3 Provide supporting information for harvest strategy</p>	<p>The availability of harvest strategy which covers stock structure, stock productivity, fleet composition, abundance and other information concerning targeted species (level, size, age, sex, by catch, illegal, unreported and unregulated fishing, and death caused by other activities)</p>	<p>Lambung Mangkurat University (UNLAM), Fisheries Office of Kotabaru, Fisheries Office of South Kalimantan Province and Fishers</p>			<p>Has not been implemented</p>	<p>Will be implemented in FIP Year 2</p>

1.2.4 Do not need an action because stock status (1.1.1.) has been assessed using RBF					Biological and PSA assessment has been implemented by an assessor (Dr. Diah Permata) when conducting Pre-Assessment	Will have deeper communication with UNLAM to gain academical support in implementing FIP in Kotabaru
2.1.1 Conducting stock status of primary species from shrimp catching activities in Kotabaru and its surrounding area	The availability of stock status estimation using RBF (PSA) for primary species	Lambung Mangkurat University (UNLAM), Fisheries Office of Kotabaru, Fisheries Office of South Kalimantan Province and Fishers			<i>PSA is not studied cause it does not catch primary species</i>	
2.1.2 Drafting harvest strategy for primary species	The availability of management strategy for primary species which ensures the harvest is under biological based limit	Lambung Mangkurat University (UNLAM), Fisheries Office of Kotabaru, Fisheries Office of South Kalimantan Province and Fishers			Has not been implemented	Will be implemented in FIP Year 2

2.1.3 Conducting a research on primary species in shrimp catching	The availability of proper data on primary species which covers the caught species composition (record, species composition, catch result) of each sample fishermen is available	Lambung Mangkurat University (UNLAM), Fisheries Office of Kotabaru, Fisheries Office of South Kalimantan Province and Fishers			Has not been implemented	
2.2.1 Conducting stock status of secondary species from shrimp catching activities Kotabaru and its surrounding area	The availability of stock status estimation using RBF (PSA) for secondary species	Lambung Mangkurat University (UNLAM), Fisheries Office of Kotabaru, Fisheries Office of South Kalimantan Province and Fishers			PSA assessment for secondary species has been implemented by an assessor (Dr. Diah Permata) when conducting Pre-Assessment	Will conduct a data collection on: <ul style="list-style-type: none"> - Catch composition - Biological catch - Historical catch - Social economy of fishers - RBF And updating information of the applied RBF assessment
2.2.2 Drafting harvest strategy for primary species	The availability of management strategy for secondary species which ensures the harvest is under biological based limit	Lambung Mangkurat University (UNLAM), Fisheries Office of Kotabaru, Fisheries Office of South Kalimantan Province and Fishers			Has not been implemented	Will be implemented in FIP Year 2

2.2.3 Conducting a research on secondary species in shrimp catching	The availability of proper data on secondary species which covers the caught species composition (record, species composition, catch result) of each sample fishermen is available	Lambung Mangkurat University (UNLAM), Fisheries Office of Kotabaru, Fisheries Office of South Kalimantan Province and Fishers			Has not been implemented	Will be implemented in FIP Year 2
2.3.1 Collecting information concerning potential interaction of targeted shrimp harvest towards ETP species	The availability of stock status estimation using RBF (PSA) for ETP species	Lambung Mangkurat University (UNLAM), Fisheries Office of Kotabaru, Fisheries Office of South Kalimantan Province and Fishers			PSA assessment for ETP species has been implemented by an assessor (Dr. Diah Permata) when conducting Pre-Assessment	Will conduct a data collection on: <ul style="list-style-type: none"> - Catch composition - Biological catch - Historical catch - Social economy of fishers - RBF And updating information of the applied RBF assessment
2.3.2 Drafting harvest strategy for ETP species	The availability of management strategy for ETP species which ensures the harvest is under biological based limit	Lambung Mangkurat University (UNLAM), Fisheries Office of Kotabaru, Fisheries Office of South Kalimantan Province and Fishers			Has not been implemented	Will be implemented in FIP Year 2

2.3.3 Conducting a research on secondary species in shrimp catching	The availability of proper data on ETP species which covers the caught species composition (record, species composition, catch result) of each sample fishermen is available	Lambung Mangkurat University (UNLAM), Fisheries Office of Kotabaru, Fisheries Office of South Kalimantan Province and Fishers			Has not been implemented	Will be implemented in FIP Year 2
2.4.1 Conducting research on the impact of target species fishing activity toward coastal habitat in Kotabaru	The availability of information about the impact of target species fishing activity towards the coastal habitat in Kotabaru	Lambung Mangkurat University (UNLAM), Fisheries Office of Kotabaru, Fisheries Office of South Kalimantan Province and Fishers			Assessment has been implemented by an assessor (Dr. Diah Permata) when conducting Pre-Assessment	Data collection on RBF (PSA) will be conducted Updating information form the applied RBF assessment.
2.4.2 Drafting harvest strategy for habitat	The availability of management strategy for habitat which ensures the fishing activity has minimum impact to habitat	Lambung Mangkurat University (UNLAM), Fisheries Office of Kotabaru, Fisheries Office of South Kalimantan Province and Fishers			Has not been implemented	Will be implemented in FIP Year 2

2.4.3 Conducting research to collect information on risk potential as well as the effectivity of management strategy towards the habitat	The availability of research result which covers distribution and susceptibilities of habitat towards harvest activities as well as the harvest activities (area, time, location, catching tools) which is collected periodically	Lambung Mangkurat University (UNLAM), Fisheries Office of Kotabaru, Fisheries Office of South Kalimantan Province and Fishers			Has not been implemented	Will be implemented in FIP Year 2
2.5.1 Collecting data regarding potential interaction of targeted shrimp fishing activity towards ecosystem	The availability of ecosystem status using RBF (SICA)	Lambung Mangkurat University (UNLAM), Fisheries Office of Kotabaru, Fisheries Office of South Kalimantan Province and Fishers			SICA assessment has been implemented by an assessor (Dr. Diah Permata) when conducting Pre-Assessment	Data collection on RBF (PSA) will be conducted Updating information from the applied RBF assessment.
2.5.2 Drafting management strategy for ecosystem and supporting in achieving marine protection area	<ul style="list-style-type: none"> - The availability of ecosystem management which ensures that the shrimp fishing activity has minimum impact towards ecosystem - The availability of a draft for marine protected area regulation in Kotabaru and its surrounding area 	Lambung Mangkurat University (UNLAM), Fisheries Office of Kotabaru, Fisheries Office of South Kalimantan Province and Fishers			Has not been implemented	Will be implemented in FIP Year 2

2.5.3 Conducting research to collect information about the impact of target species fishing activity toward ecosystem	The availability of information which covers the impact of targeted shrimp harvest towards the main ecosystem (main trophy, predator, competitor, community composition) which is collected periodically	Lambung Mangkurat University (UNLAM), Fisheries Office of Kotabaru, Fisheries Office of South Kalimantan Province and Fishers			Has not been implemented	Will be implemented in FIP Year 2
3.1.1 Conducting research to collect information about the impact of target species fishing activity toward ecosystem	The availability of information which covers the impact of targeted shrimp harvest towards the main ecosystem (main trophy, predator, competitor, community composition) which is collected periodically	University, WWF and PT. Sekar laut Tbk.			Has not been implemented	Will be implemented in FIP Year 2
3.1.2 Encouraging the availability of management scheme has effective and open consultation process for all stakeholders	- Stakeholders in the fishery management process are identified and having well understanding the role and responsibility by searching and receiving relevant information regularly - Consultation process on management process let all stakeholders to take part	University, WWF and PT. Sekar laut Tbk.			Has not been implemented	Will be implemented in FIP Year 2

<p>3.1.3 Encouraging the drafting of long term objectives in accordance with MSC principles and precautionary approach</p> <p>See 1.2.2</p>	<p>The availability of management regulation which supports MSC principles and precautionary approach</p> <p>See 1.2.2</p>			<p>Has not been implemented</p>	<p>Will be implemented in FIP Year 2</p>
<p>3.2.1 Supporting the objectives of shrimp fishing management in accordance with principles 1 and 2 MSC</p> <p>See 1.2.2</p>	<p>The availability of management system with a short term and long term objectives in accordance with principles 1 and 2 MSC</p>			<p>Has not been implemented</p>	<p>Will be implemented in FIP Year 2</p>
<p>3.2.2 Supporting decision making process to solve fishery issues</p>	<p>- The availability of decision making process which supports the objectives of shrimp fishing management, accommodates issues found in research result, monitoring evaluation and consultation using precautionary approach</p> <p>- The availability of public information about the management and performance of fishing activity</p>	<p>Lambung Mangkurat University (UNLAM), Fisheries Office of Kotabaru, Fisheries Office of South Kalimantan Province and Fishers</p>		<p>Has not been implemented</p>	<p>Will be implemented in FIP Year 2</p>

	- The availability of management system which obliges the regulation and responsive to any probability of law issues					
3.2.3 Encouraging the availability of monitoring, control and surveillance (MCS) mechanism and implementing it properly	<ul style="list-style-type: none"> - The availability of MCS system and sanctions for violations - The availability of evidences showing that fishers comply with all applicable regulations 	WWF, Fisheries Office of Kotabaru			Has not been implemented	Will be implemented in FIP Year 2
3.2.4 Encouraging the availability of research plan required for shrimp fishing management	<ul style="list-style-type: none"> - The availability of research plan providing a regular strategic and trusted information for the fisheries management in accordance with MSC principle 1 and 2 - The scientific study result is disseminated regularly to all related stakeholder 				Has not been implemented	Draft of fisheries management plan has not been drafted

