



# 2017

## ANNUAL REPORT

# INDONESIAN BLUE SWIMMING CRAB ASSOCIATION



Asosiasi Pengelolaan Rajungan Indonesia







**Fishery Improvement Project  
Indonesian Blue Swimming Crab:  
Annual Report 2017**

<http://www.apri.or.id>



## ASOSIASI PENGELOLAAN RAJUNGAN INDONESIA

**Asosiasi Pengelolaan Rajungan Indonesia (APRI)**, the Indonesian Blue Swimming Crab Association, supports Blue Swimming Crab sustainability initiative in Indonesia. It is benefiting all supply chain from industries to more than 65,000 fishermen and 130,000 womens who are working at the miniplants are directly employed in the blue swimming crab fishery, while thousand of others are direct stakeholders involved as fishing gears suppliers, middlemen, operators, ice producers, and all of miniplants suppliers where initial crab processing is carried out. APRI and all members are campaigning sustainability crab harvest to the supply chain for effective impact, increasing crab recruitment through stock enhancement, collaborating with Universities to support scientific research, supporting Ministry of Marine Affairs and Fisheries to develop national Fishery Management Plan and working closely with Fishers community to establish community based fishery management. All project activities are managed in a Fishery Improvement Project (FIP), which determined as 6 FIP stages.

Fishery Improvement Project will create sustainable impact to the supply chain, blue swimming crab resources and also to the ecosystem where the blue swimming crab harvested.

APRI was formed at May 2007, with noble goals and responsibility to initiate the blue swimming crab management and it natural resource fairly and wisely, so the benefit will last for the future generation and sustainable economically and ecologically.

Blue swimming crab (*Portunus pelagicus*) as one of the most important Indonesia marine resources, have been realized being exploited and processed for consumption in the increasing numbers so it is important to keep the blue swimming crab stock in the wild, to managed properly, ethically and sustainability. The

development of international consumer demand for seafood products that adhere to the principles of ethical and good fishing practices are also encourage crab conservation.

APRI is the organization to formulate guidelines for environmentally-friendly fishing and constructing other initiatives to ensure sustainability of health and balance in the wild crab populations and management of crab industry in Indonesia itself in a balanced manner.

APRI Fishery Improvement Program :

1. Stock Assesment
2. Stock Enhancement
3. Fishery Management
4. Education



**Kuncoro Catur Nugroho**

APRI's Chairman



**Bambang Arif Nugraha**

APRI's Secretary



**Wita Setioko**

APRI's Treasurer



**Hawis Madduppa**

APRI's Executive Director

## APRI MEMBERS



PT Phillips Seafood Indonesia  
(6 July 2007)



Blue Star Foods  
(6 July 2007)



PT Muria Bahari Indonesia  
(14 February 2014)



PT Kelola Mina Laut  
(6 July 2007)



Handy International, Inc  
(18 February 2008)



PT. Total Samudera Sejahtera  
(1 August 2016)



PT Bumi Menara Internusa  
(6 July 2007)



PT Toba Surimi Industries  
(30 March 2011)



PT. Nirwana Segara  
(1 August 2016)



PT Prima Cakrawala Abadi  
(6 July 2007)



PT Rex Canning  
(5 May 2011)



PT Blue Star Nusantara  
(19 March 2014)



PT Pan Putra Samudera  
(6 July 2007)



PT Graha Makmur Citra Pratama  
(29 May 2013)



PT. Kemilau Bintang Timur  
(17 December 2017)



PT Mutiara Laut Abadi  
(6 July 2007)



PT Sumber Mina Bahari  
(27 January 2014)



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# **FISHERY IMPROVEMENT PROJECT**

## Indonesian Blue Swimming Crab

### Fishery Improvement Project

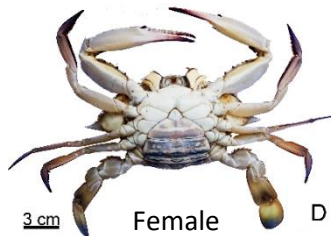
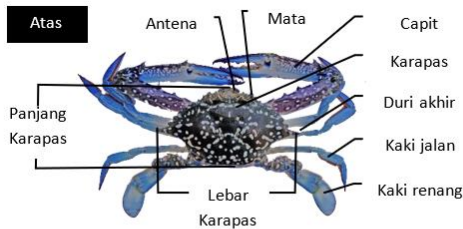
#### SPECIES:

Local name (Indonesia) : Rajungan

Other local name : Bukkang Suji (South Sulawesi), Kesore (Lombok)

English name : Blue Swimming Crab

Scientific name : *Portunus pelagicus*



#### DESCRIPTION:

APRI and all members are committed to campaigning sustainability crab harvest to the supply chain for effective impact, increasing crab recruitment through stock enhancement, collaborating with Universities to support scientific research, supporting Ministry of Marine Affairs and Fisheries to develop national Fishery Management Plan and working closely with Fishers community to establish community based fishery management. All project activities are managed in a **Fishery Improvement Project (FIP)**. FIP will create sustainable impact to the supply chain, blue swimming crab resources and also to the ecosystem where the blue swimming crab harvested.

Blue swimming crab (BSC) fishing in Indonesia is mostly carried out by small-scale fishers using boats of less than 10 GT with or without motors, and in some cases fishermen do not use boats. The crabs are caught mostly using bottom gillnets and collapsible traps, and to a lesser extent with the now illegal shallow bottom trawls (baby trawls).

An estimated 65,000 fishermen and 13,000 pickers (working in over 400 miniplants or cooking stations throughout Indonesia) are directly employed in the crab fishery. In addition, several thousand other players are involved in the fishery, including middlemen, operators of miniplants where initial processing is carried out, and final processors/packagers who export the products.

#### FIP OBJECTIVES:

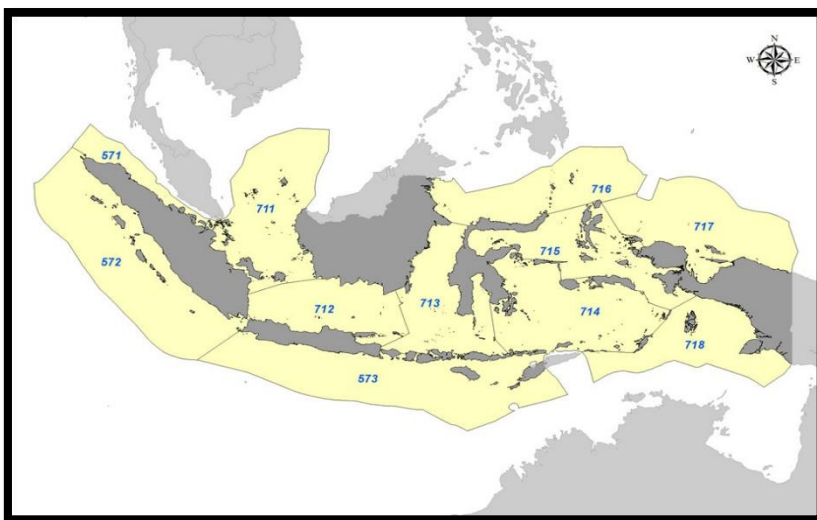
- Change practices (no take of small crabs/juveniles, no take of egg-bearing females), increase the stocks, develop policies that protect and sustain crabs (including protection of nursery ground, spawning area).
- Develop a management plan for Indonesian blue swimming crab that includes community resources management that protects nursery ground; produce a control document.
- Implement FIP workplan that includes development of the management plan, community-based management, communication and awareness, nursery and spawning grounds protection projects, as well as a hatchery project.

#### LOCATION:

Troughout Indonesia

#### TYPICAL AREA OF THE FISHERY:

Indonesian waters, FAO 71, FAO 57



*Area of the Indonesian fisheries*

## MARKETS FOR THE PRODUCT:

Crab is an important part of Indonesia's overall export revenue from seafood products. In 2011, BSC comprised 8 percent of total fishery product export value, coming fourth after shrimp (38%), other fishes (32%), and tuna (15%). The total export volume of crab in 2011 reached 23,000 tonnes valued at \$262 million (USD).

The United States has been the biggest market for Indonesian crab exports, purchasing more than 50 percent of the total crab export from Indonesia. Other markets include Singapore (17%), Malaysia (10%), Taiwan (7%), European Union (6%), China (5%), and Japan (2%).

## THE FIP'S MILESTONE (2007-2016):

In 2007, Phillips Foods requested SFP's advice on a sustainability agenda. Phillips Foods and other major crab processors in Indonesia formed the Indonesia Blue Swimming Crab Producers Association (APRI) in 2007, with the goal of sustainable procurement from healthy stocks. APRI decided to work with SFP to improve blue swimming crab fisheries through a fishery improvement project (FIP). The FIP has been started since 2007, and are still developing until now.

Results/ FIP Stage	Indicator of Success	Specific Details	Date Acheived	List of Suppliers/Org anization	Source
FIP is Launched (Stage 1)	Sustainability evaluation is available publicly	Fish Source profile	August 2008	SFP, APRI	Blue swimming crab
		Scoping out report	November 2009	SFP, APRI	Report: Scoping Out of Indonesian Blue Swimming Crab Fisheries
		Market and Supply chain analysis	2009	SFP, APRI	Report: Market and Supply Chain Analysis of Indonesia Blue Swimming Crab
		MSC pre- assessment was conducted by MRAG	June 2009	APRI, SFP	MSC pre- assessment report (confidential – non public)
		Engaged with Phillips Foods and APRI	2007	SFP	APRI blog APRI website
	Fishery improvement recommendatio ns	Simple narrative explaining the FIP workplan and proposal submitted to the NFI Crab Council	August 2010	APRI, SFP	Executive Summary: Indonesia BSC: Fishery Improvement Project
		Online information sharing among members of FIP has been developed		SFP	FIP participants site (password required)
		APRI has facilitated regular quarterly FIP roundtable meetings since 2009	Regular Meeting APRI		
FIP is formed (Stage 2)	Suppliers are organized	Collaborating with APRI and SFP, MMAF facilitated a BSC fishery awareness workshop at the University of Indonesia, attended by representatives from MMAF, universites, industries, and NGOs to promote the sustainability of Indonesian BSC fishery	June 2009	APRI, SFP, MMAF	Trobos news article

		The FIP workplan has already been developed and partly implemented in order to address challenges identified by the MSC pre assessment report, as well as to improve fishery management.	March 2010	APRI, SFP	APRI website
		NFI Crab Council meeting at Boston Seafood Shows to discuss the BSC fishery improvement project.	March 2010, March 2011	NFI Crab Council	
		SFP and the CEO of Phillips foods met the Director General of Capture Fisheries to present current work in Indonesia.	February 2009	SFP, Phillips Food, DG of Capture Fisheries	
		APRI, supported by SFP, maintains consultation with Ministry of Marine Affairs and Fisheries to discuss efforts to improve BSC fishery sustainability		APRI, SFP	Ekspor rajungan terancam sertifikasi
		NFI US Crab Council sent a letter to MMAF to share their concern for the health of the BSC resource and to share and offer to discuss strategies regarding BSC sustainability.	January 2010	NFI Crab Council	Letter from US Crab Council to minister
		SFP and APRI facilitated the workshop "Cost Effective Stock Assessment for Data Poor Fisheries, Using Indonesian Blue Swimming Crab Fishery as Case	28 June 2011	APRI, SFP, NOAA, Directorate of Fishery Resources (of Directorate General of Capture	



		Study, As Input for Developing Minimum Size Harvest Regulation” at Directorate of fishery resources (of Directorate General of Capture Fisheries of MMAF) with NOAA team		Fisheries of MMAF)	
		Directorate of Fishery Resources (of Ministry of Marine Affairs and Fisheries MMAF) hosted initial workshop to discuss the development of the Blue Swimming Crab (BSC) Fishery Management Plan and start drafting the management plan.	28-30 March 2012	MMAF, APRI, SFP	Meeting Minutes
		SFP and APRI met with Directorate of Fishery Resources (MMAF) to discuss the followup of drafting Blue Swimming Crab Fishery Management Plan. The draft is expected to be completed by end of November 2012	September 2012	APRI, SFP, Directorate of Fishery Resources (of Directorate General of Capture Fisheries)	
		Per a request from the NFI Crab Council, a discussion paper on minimum legal size has been developed	January 2011		
		NFI Crab Council announces minimum size (8 cm) to sourcing policy	Effective July 2011	NFI Crab Council	Media report
		Directorate General of Fishery Products and Marketing of Ministry of Marine	April 2011	Directorate General of Fishery Products and	Letter from DG of Fishery Products and Marketing,



		Affairs and Fisheries wrote and sent a memo to all Head of Provincial Fishery Offices in 33 provinces in Indonesia to inform them about the minimum size requirement imposed by NFI Crab Council and encourage its implementation by crab exporters, processors, and miniplants.		Marketing of Ministry of Marine Affairs and Fisheries	dated 27 April 2011.
		APRI members signed a letter/agreement regarding the implementation of minimum harvest size.	July 2011	APRI	Letter from APRI to all suppliers/miniplants
		NFI Crab Council adopted a new policy that will restrict the purchasing of female crabs bearing eggs or “berried” females.	Nov 2011	NFI Crab Council	Aboutseafood.com story
		APRI produced 20.000 cigarette lighters with printed 8 cm measurements to be used as a tool to measure the minimum carapace width. The lighters together with a letter from APRI to suppliers, have been distributed to the fishermen and miniplants owners.	Nov 2011	APRI	
		In coloboration with center for Brackishwater Aquaculture Development (BBAP	December 2011	APRI, BBAP Takalar	APRI Fact Sheet

		Takalar, South Sulawesi), APRI conducted a stock enhancement program by releasing 100.000 juvenile crabs.			
		Workplan with annual improvement milestones publicly available	Apr- 2012		2012 Workplan
		APRI, SFP, and Asian Coordinator for NFI Crab Council had meeting with the research Center for Fishery Management and Conservation (P4KSI), who has authority to conduct stock assessment, to discuss P4KSI technical support.	10 October 2012	APRI, P4KSI, SFP	Minutes meeting
		P4KSI hosted training in Muara Baru office for 9 if APRI's enumerators/observers.	22 October 2012	APRI, P4KSI, SFP	Stock Assesment Protocol
		APRI conducted a stock enhancement program by releasing 100.000 juvenile crabs and successfully replicating Takalar Hatchery to APRI main fishing ground in Java (in collaboration with BBAP Jepara).	18 Dec 2012	APRI – BBAP Jepara	Media report, APRI Fact Sheet
		APRI and P4KSI has collaborated formal Stock Assessment workshop, introduced new approach of SPR	26-Feb-13	APRI – P4KSI - IMACS	APRI exploratory Data, and improved Stock Assessment Protocols
		Fishery Management Plan,	29-Mar-12	MMAF	Firs Draft RPP Rajungan

		First Stakeholder Meeting			
		RPP Rajungan Discussion and Meeting	Dec 2012	APRI, MMAF, SFP	First Draft Revision RPP Rajungan has been submitted by APRI to MMAF
Formalized Improvements in Policies and/or Fishing Practices (toward to Stage 4)	Government engaged	APRI and SFP meet the Directorate of Fishery Resources-MMAF to discuss the draft document of BSC Fishery Management Plan and how to move forward.	Jan 2013	APRI, SFP, MMAF	Minister Regulation (Permen No. 29 Year 2012) regarding the Guidelines to Develop a Fishery Management Plan.
		Research Center for Fish Management and Natural Fishery Conservation (P4KSI) hosted a workshop on Blue Swimming Crab Stock Assessment to discuss data collected by APRI enumerators.	Feb 2013	APRI, MMAF	Jeremy Prince (Murdoch University, Western Australia) presented the new methodology of cost effective stock assessment for the data-poor fisheries.
		APRI, DG of Processing and Marketing, Fishers, Cirebon Fishery Service and miniplant discuss quality issue and Sustainability	Feb 2013	MMAF, District Fisheries Office, The Agency of Fishery Product Quality Controller, NGO, Miniplant and Fisheries representatives.	
	Fishery Policy Changed	Workshop on Socialization of the General Guidelines for the Development of Fishery Management Plan in Indonesian Fishery	March 2013	The Directorate of Fishery Resources-SDI of MMAF	Minister Regulation No. 29 of 2012

		Management Area (WPP-NRI)			
		The first Stakeholders meeting in Kendari to establish Fishery Data Management Committee with Kendari Provincial Government, IMACS team, APRI and NFI Crab Council representatives, and local fisher groups attended	April 2013	Sultra Province, MMAF, IMACS	The head of Fishery Department Decree on Blue Swimming Crab Data Management Committee
		BBPPI MOU Net Exchange signed, to develop and introduce size selectivity fishing gears and increase the effectiveness of the gears, will be implemented in 4 location (Brebek, Demak, Jeneponto, and Bone).	April 2013	BBPPI-MMAF	
		Won IMACS grant for trialing new forms of fishery assessment and management for data poor fisheries. The project is a multistakeholder initiative including industry, the provincial government, NGO and fisher community; the study will be conducted in Kendari, SE Sulawesi.	May 2013	IMACS, Sultra Province Government	
		MSC officers visit to Jakarta BSC landing site and updating new FIP and MSC latest protocols	May 2013	MSC, IMACS	

		APRI-BBPI publication "Managing Fishing Industries of The Blue Swimming Crab" by Zarochman and Arie Prabawa at Bogor University of Agriculture, PSP bulletin, Volume 21 No. 2 edisi Agustus 2013	May 2013	BBPPI, IPB (Bogor Univ of Agriculture)	
		MOU signed between APRI and University of Dipenogoro (UNDIP) for a community management project, focusing on education and trialing of sustainable polices and practices dependent upon the needs of the people that will have implications throughout the region	June 2013	UNDIP	
		UNDIP promoted Community Management Project at IOPAC (indian Ocean and Pacific Conference) - Bali	June 2013	IOPAC, MMAF	
		NFI Crab Council and APRI speech in ACOFB (Asia Conference on Food Security and Blue Growth) – Bali about public private partnership of fisheries sustainability program	June 2013	APRI, MMAF	
		Bupati, the head of Demak Regency met blue swimming crab stakeholders of	July 2013	APRI, UNDIP, Bupati Demak, NFI Crab Council	

		Betahwalang village, fisher groups, UNDIP, APRI and NFI Crab Council representatives. Community based fishery management is officially launched in Demak			
		National Workshop "Blue Swimming Crab Fishing Management in Northern of Java"	22 Oct 2013	APRI, BBPPI	Recommendation based minimum legal size to 10 cm and collapsible traps as fishing gears
	Fish biomass is about to increase	APRI first blue swimming crab eggs-hatchery has established in Betahwalang, Demak, and supported by community	15 Sep 2013	APRI, Betahwalang fishers	
		Fishing gears exchanged from trawl to collapsible trap: 2800 traps have been handover to fishers	19 Sep 2013	BBPPI, Demak Fishers, Cirebon Fishers, Semarang Fishers, South Sulawesi Fishers	
		First FIP stakeholders meeting in Bangkok, and site visit to Crab Hatchery in Thailand	16 Dec 2013	NFI Crab Council, ASEAN MARKET	
		MOU APRI-P4KSI for Stock Assessment study signed	4 Oct 2013	P4KSI-MMAF	<a href="http://p4ksi.litbang.kkp.go.id">http://p4ksi.litbang.kkp.go.id</a>
		MOU APRI-IMACS for SPR Data management signed	10 Oct 2013	IMACS	<a href="http://www.imacsindonesia.com/v5/index.php/en/">http://www.imacsindonesia.com/v5/index.php/en/</a>
		Workshop for Enumerator Data Collection and Stock Assessment	19 Dec 2013	APRI, P4KSI, SDI, Komnas, SFP, IPB	
		Nursery and Habitat Conservation launched in Demak Regency	27 Dec 2013	APRI, LP2RL, UNDIP, BBPPI, Fisher, Betahwalang Village,	

				Demak Regency Govt	
		Lit Review	1/3/2014	P4KSI	
		Assessment Proposal	1/3/2014	P4KSI	
		Work Plan (2014- 2015)	1/3/2014	P4KSI / APRI	
		Budget (2014-2015)	1/3/2014	P4KSI / APRI	
		Enumerator Training	1/1/2014	P4KSI / APRI	
		Java Sea Mid Year Report	1/8/2014	P4KSI	
		Kendari Data Collection	1/9/2014	APRI	
		Completed SPR Assessment (SULTRA)	1/9/2014	IMACS	
		Harvest Control Rules (SULTRA)	1/7/2014	DMC	
		Target Ref. Points (SULTRA)	1/10/2014	DMC	
		Management Framework	Dec. 2014	MMAF	
		DMC meeting, review data and mgmt. inputs.	1/10/2014	APRI	
		MSC Gap Review WPP 712	Feb. 2014	APRI / MRAG	
		MSC PA Kendari	1/8/2014	IMACS / SAI	
		Mini symposium on implementing sustainable fisheries management.	27-02-2014	NOAA / FPIK / UNDIP / APRI	
		APRI members quarterly meeting. Review of co-management project with UNDIP were among the topics of discussion. UNDIP's Q1 works and financial report were discussed.	14-02-2014	APRI	
		IMACS technical meeting with stakeholders to review data collection and data collected for calculating SPR to implement harvest controls in Kendari	3/3/2014	IMACS/APRI	

		Proposed Harvest Control Rules as result of a rapid and grass-roots approach to stock assessment methodology catered to data deficient small scale fisheries.	12/5/2014	IMACS/APRI	
		APRI 2nd Quarterly Meeting	12/6/2014	APRI	
		P4KSI Sea Survey	18-06-2014	P4KSI	
		APRI agreed to solicit MRAG fishery consultants to help with future scoping and FIP planning of their BSC FIPs.	2/7/2014	APRI/MRAG	
		SULTRA, Southeast Sulawesi, APRI completed the final milestones of a small-grant program funded by USAID/IMACS (Indonesian Marine and Climate Support).	1/9/2014	APRI/IMACS	
		Directorate General of Fishery Products and Marketing of Ministry of Marine Affairs and Fisheries wrote and sent a memo to all Head of Provincial Fishery Offices in 33 provinces in Indonesia to inform them about the minimum size requirement imposed by NFI Crab Council and encourage its implementation by crab exporters, processors, and miniplants.	11/4/2015	Directorate General of Fishery Products and Marketing of Ministry of Marine Affairs and Fisheries	



		Workplan with annual improvement milestones publicly available	12/4/2015		
		Java Sea Annual Review	1/2/2015	P4KSI / APRI	
		Ministry Decree on minimum size catch and berried female, and fishing gear regulation	1/1/2015	KKP	
		Bio-economic workshop	1/1/2015	SFP, UNDIP, APRI	
		FIP+	3/1/2015	SFP	
		Control document trial in Lampung, Madura and Kendari	April-Desember 2016	SFP/APRI	
		Annual Stakeholders Meeting FIP review 25-26 Feb 2015	2/1/2015	APRI, P4KSI-MMAF	
		MoU APRI-IMACS for FIP in Kendari signed	April	APRI, IMACS	
		Trial logbook system in Kendari	May-Aug	IMACS	
		Risk Based Framework in Sultra completed	August	APRI/IPB	
		SULTRA, Southeast Sulawesi, APRI completed the final milestones of a small-grant program funded by USAID/IMACS (Indonesian Marine and Climate Support).	1/9/2015	APRI/IMACS	
		FIP Conference in Bangkok	Nov	NFI	
		Training on control document	Nov	SFP/APRI	
		Online information sharing among members of FIP has been developed.	Regular website	APRI (www.apri.or.id)	
		APRI has facilitated regular quarterly FIP	Regular meetings	APRI	

		roundtable meetings since 2009			
		NFI Crab Council meeting at Boston Seafood Shows to discuss the BSC fishery improvement project.	March 2010, March 2011, March 2015, March 2016	NFI Crab Council	
		APRI, supported by SFP, maintains consultation with Ministry of Marine Affairs and Fisheries to discuss efforts to improve BSC fishery sustainability.		APRI, SFP	
	Minimum Landing Size	MMAF make a new regulation/correction from a previous regulation in 2015 on minimum landing size, banning landing barred female	2016	MMAF	Peraturan MKP NOMOR 56/PERMEN-KP/2016
	Fishery Management Plan	MMAF issued Fishery Management Plan for Blue Swimming Crab	2016	MMAF	Peraturan MKP NOMOR 70/KEPMEN-KP/2016
	Co-Management	Establishment Co-Management in 4 provinces: East Java, Central Java, Southeast Sulawesi, and Lampung	2016	APRI, SFP, NFI Crab Council	
	I-Fish update, Vessel Identifier Code (VIC) system, and participatory data	I-Fish Working Group Discussion	March, 30 2016	APRI, MMAF, MDPI, WCS	APRI Website
	result from pre-inspection, finalization of schedule, the completeness of document related.	APRI attend Preparation Meeting about US-FDA Visit to Indonesia	March 31, 2016	APRI, MMAF, BKIPM	APRI Website

		APRI visit to Seafood Expo North America 2016	March 6-8, 2016	APRI, NFI, MMAF, SFP	APRI Website
	reduction fishing mortality, increase biomass of the target stock, reduction bycatch or damage to marine habitats, increase in the population size of an impacted endangered species	APRI FIP rated B "Good Progress" by SFP	Juny 2016	APRI, SFP	
	Improve fisheries resource crab for farmers in the region of East Lampung	Lampung as a pilot project BSC management in Indonesia	July 22, 2016	APRI, MMAF	
		APRI presented Indonesian BSC FIP in Bangkok	July 28-29, 2016	APRI	
	observe the traceability and documentation process implemented	Control Document Trials in Three Supply Chains	August, 2016	APRI, NFI, SFP	
	exchange from gillnets to collapsible traps	Gear Exchange Program	November, 2016	APRI, SFP	
	Miniplant Certification Program and Control Document	APRI Quarterly Meeting 3	October 22-23, 2016	APRI, BKIPM and PDSPKP (MMAF), SFP, MSC, Starling Resourcer	
	how the arrest, the number of vessels used, and directly inspect the cleanliness of the facilities and infrastructure of a crab meat processing	US FDA visits PT BMI	April, 2016	APRI, UD-FDA	

		CARE & PSA Workshop	November 7-9, 2016	APRI, CARE, PSA, IPPRB	
	provide APRI and it's affiliated processors the means to verify the implementation of the control document	Independent Auditors Training on Control Document Implementation	November 23-26, 2016	APRI, SFP, NFI	
	minimum landing size, banning landing berried females, and banning mini-trawl gear	Hands on Training of Trainer on Control Document Implementation	November 28-30, 2016	APRI, SFP, NFI	
	improvement the quality of all activity from BSC exploitation and processing	Focus Group Discussion BSC Raw Material Partnership	November 25, 2016	APRI and Supplier	
		Non-Target Species (NTS) Assessment Report 2016	2016	APRI	
	discuss the BSC fishery activities in East Java province by the representation of all stakeholders in sustainable of BSC fishing activities.	Initiation of Collaborative Establishment BSC Management Committee in East Java	December 15, 2016	APRI, NFI, SFP, DKP East Java	
	Signing MoU with APRI, YBUL and Starling Recources about Blue Swimming Crab Sustainable Fisheries Management Initiative	APRI End Year Quarterly Meeting 2016	December 16-17, 2016	APRI, MMAF, University, YBUL, SFP	
		FGD on mini plant certification and government regulation in Lampung	December 23, 2016	APRI, BKIPM, Starling Resources, YBUL	

		Government Decree on MSY, TAC and Exploitation Status in Indonesian Fishery Management Region	2017		
		Limited Discussion To Identify and Build Collection System, Management and Data Analysis Stock for Fish Resources (SDI) in WPP NRI	December 28, 2016	APRI, NGO's	
	Status of BSC Jakarta, Rembang, and Pamekasan	Stock Assessment Report 2016	2016	APRI	
	decree on Blue Swimming Crab fishery management plan	Indonesia issued BSC Fishery Management Plan	2016		
	Discussed CASE and PSA Result	Phase II Workshop of Initiatives Sustainable BSC Management	January 27, 2017	APRI, YBUL, Moores Rowland	
	Work Plan Blue Swimming Crab Sustainable Management in Central Java	Initiation of Collaborative Establishment BSC Management Committee in Central Java	February 6, 2017	APRI, BBPI Semarang, NFI, University, DKP Central Java, SFP	
	Information about the catch per unit effort, the identification BSC spawning Location and fishing locations in East Lampung based on satellite and mobile phone	Initiative Meeting Action Plan for BSC Management in Lampung	February 14, 2017	APRI, MMAF, SFP	
		Lampung Governor Decree to Support Better Management of BSC Fisheries in Lampung	21 February 2017	Lampung Government	

	Sustainable crab fishery activities by representation of all stakeholders in the BSC activities	Initiation of Collaborative Establishment BSC Management Committee in Kendari, Southeast Sulawesi	March 10, 2017	APRI, DKP Kendari, SFP, NFI, University	
		APRI participated at Boston Seafood Expo, North America 2017	March 19-21, 2017	APRI	
	Discuss the current available biological, socio and economic data and information gathered so far, and identify the gaps	APRI-SFP-FPIK IPB Held Event Sciences-Business Forum for Indonesian Blue Swimming Crab	April 17-18, 2017	APRI, NGO's, MMAF, University, Fishermens, Miniplants, Enumerators	
	Established Global FiTI Standard, Bali Declaration on the Fisheries Transparency Initiative	APRI Attended the 2nd International Fisheries Transparency Initiative (FiTI) Conference	April 27, 2017	APRI, MMAF, NGO's	
	Maintain the continuity business of pasteurized BSC Meat environmentally friendly	APRI Quarterly Meeting 1 2017	April 29, 2017	APRI, NFI, MMAF, UNHASS	
	Distribute more selective gears for the small-scale fishers	APRI Invited by Jepara Fisheries Department on Event Training of Trap Making for Blue Swimming Crab 2017	May 2-4, 2017	APRI, DKP Jepara	
	Global trends driving sustainable value chains	Global Sustainability Standards Symposium, 3rd May 2017	May 3, 2017	APRI, ISEAL, UNIDO, KADIN, IMI	

	Crab pot is used to collect Egg Buried Females crabs	Crab Pot Application by BSC Fishermen in Jepara, Central Java	May 2, 2017	APRI, BBPPI Semarang	
		Workshop on Management Planning of Blue Swimming Crab Fishery in Lampung Province	May 8-10, 2017	APRI, IPPRB,	
	Gather the latest information and scientific studies on several important fisheries resource groups in Indonesia	APRI Executive Director Invited as Speaker in Event National Symposium Crustacea	May 15-16, 2017	APRI, MMAF, University and researchers	
	Installation PDS equipment to several vessel in Madura	PDS Installation in Madura to support Sustainability and Traceability of BSC Fishery Product in Indonesia	May 17, 2017	APRI	
	make a good certification system on supplier/collect or for better management in future	Workshop Socialization of Certification System in Fish Handling to Supplier / Collector	May 2017	APRI, BPPI Semarang, BKIPM-MMAF	
		South East Sulawesi Governor Decree to Support Long Term BSC Sihery Resources	June 2, 2017	SE Sulawesi Government	
	Mapping Miniplant in North Sumatera	Focus Group Discussion Certification and Quality Standards in BSC Miniplant	June 5, 2017	APRI, DKP Medan, MMAF (BKIPM, PDSPKP)	
		APRI Apperance to BSC miniplant arround Medan	June 2-4, 2017	APRI	

	Implementation of Management Planning of BSC Fishery in Lampung	Workshop on Management Planning of Blue Swimming Crab Fishery in Lampung Province	June 14-15, 2017	APRI, DKP Lampung, IPPRB, MMAF, YBUL, Moores Rowland	
	Plan for sustainability management of BSC	Way Forward for Sustainable BSC Mini Workshop	July 1, 2017	APRI, NFI, SFP	
		Central Java Governor Regulation to Support Management of Fishery in Central Java Province	July 14, 2017	Central Java Government	
	improve the adaptive fishery management to be applied in IPPRB Lampung	Adaptive Fisheries Management Training	July 19-21, 2017	APRI, EDF, YBUL, IPPRB Lampung, NGO, Universities	
	simulation mechanism of Fisheries Management Institution WPP NRI	Coaching Clinic Socialization of Fisheries Management Institutions WPP NRI	July 27-28, 2017	APRI, MMAF, Government, NGO	
	Compliance Against Government Regulation on Blue Swimming Crab Fisheries in Indonesia towards Sustainable Industry	APRI Quarterly Meeting 2, Yogyakarta 5 August 2017	August 5, 2017	APRI, KOMNASKAJIS KAN, BKIPM Makassar, NFI, SFP	
	Using fishing gear in accordance with government regulations	The working visit of the Director General of Capture Fisheries to Lampung Province	August 13-14, 2017	Lampung Governance, NGO, APRI, Fishermen,	
	support the sustainability of the management of	Socialization of governance regulation of central	August 15, 2017	APRI, BAPPENAS, Central Java Governance,	



	BSC in Central Java	java number 33 of 2017		DKP Semarang, SFP, NFI, KOMNASKAJIS KAN	
	Mapping Miniplant in SE Sulawesi province	Focus Group Discussion Socialization and Certification of Quality Standards Product in Southeast Sulawesi Miniplant	August 16, 2017	APRI, DKP Kendari, MMAF (PDSPKP)	
	Encouraging Sustainable Development and Justice in Indonesia	APRI give a presentation at the WWF-Indonesia National Workshop	September 4, 2017	APRI, WWF, Government, NGO	
	support sustainable fisheries management program in Indonesia especially in East Java	Workshop on socialization of sustainable BSC fisheries management program	September 4-5, 2017	APRI, University, DKP Demak, SFP, NFI, LP2RL	
	Mapping Miniplant in Madura	Focus Group Discussion Socialization and Certification of Quality Standards Product in Miniplant at Madura	September 14, 2017	APRI, DKP Jatim, BKIPM Jatim	
	Mapping Miniplant in East Java	Focus Group Discussion Socialization and Certification of Quality Standards Product in Miniplant at Surabaya, East Java	September 15, 2017	APRI, DKP Jatim, BKIPM Jatim	
	Hosting FIP Manager	APRI Attended The 2nd Meeting for Swimmer Crab Fishery Improvement Project Managers	September 28 – October 1 2017	APRI, NFI, NGO, Seafood Watch	
	Preparing assessment of fish pest and disease control	APRI Participated in The Pest Control Professional Certification	October 2, 2017	APRI, MMAF - BKIPM, LSP, Government	

		Institute, Disease and Quality of Fish			
		APRI follow the visitation of partner in Lampung Province	October 11-12, 2017		
	Cultivation for Industrial Sustainability and BSC Fisheries resources	APRI Quarterly Meeting 3 "Cultivation for Industrial Sustainability and BSC Fisheries resources"	October 14, 2017	APRI, BBPBAP Jepara	
		Evaluation of international exhibition 2017 and participation of international exhibition 2018	October 18, 2017		
	Mapping Miniplant in Central Java	FGD – Socialization and Certification of Quality Standards Product in Miniplant at Semarang, Central Java	October 26, 2017	APRI, DKP Semarang, BKIPM Jawa Tengah	
	Enumerator training to support this data collection activity	BSC Enumerator Training	October 2017	APRI, BRPL - MMAP	
	help manage the fisheries territory of Republic Indonesia in order to become better in the future	Coordination meeting of fisheries management commission in WPPNRI 712, 713, and 714	November 7, 2017	APRI, MMAF	
	Mapping Miniplant in West Java	FGD – Socialization and Certification of Quality Standards Product in Miniplant at Cirebon, West Java	November 9, 2017	APRI, DKP Cirebon, BKIPM Cirebon	
	gather input from stakeholders in an effort to guide	APRI Executive Director was invited in the annual MSG meeting in	November 13-14, 2017	APRI, NGO, Seafood Watch	

	processes and strategies	Monterey Bay Aquarium, California			
	fisheries and aquaculture issues in a pre-competitive environment	APRI Participated in Indonesia Fisheries & Aquaculture Trade Show & Forum 2017	November 14-15, 2017	APRI, SFP, MMAF, NGO	
	better BSC Miniplant layout and meet the standards.	APRI invited to discuss development planning BSC miniplant	November 16, 20-17	APRI, MMAF - PDSPKP	
	review the application of traceability system for Fish Processing Unit (UPI) and suppliers	Review the application of traceability system for Fish Processing Unit (UPI) and suppliers	November 16-17, 2017	APRI, MMAF-BKIPM	
	Mapping Miniplant in Lampung Province	FGD – Socialization and Certification of Quality Standards Product in Miniplant at Lampung Province	November 27, 2017	APRI, DKP Lampung, University, BKIPM Lampung	
	Cultivation for Industrial Sustainability and BSC Fisheries resources	APRI Quarterly Meeting 4 “Cultivation for Industrial Sustainability and BSC Fisheries resources”	December 16, 2017	APRI, BBPBAP Jepara	

**\*Updated by Dr. Hawis Madduppa/APRI Executive Director**



# **FIP SUMMARY 2016**



APRI was formed at May 2007, with noble goals and responsibility to initiate the blue swimming crab management and its natural resource fairly and wisely, so the benefit will last for the future generation and sustainable economically and ecologically. APRI supports Blue Swimming Crab sustainability initiative in Indonesia, which is benefiting all supply chain from industries to fishermen and women who are working at the miniplants are directly employed in the blue swimming crab fishery, while thousand of others are direct stakeholders involved as fishing gears suppliers, middlemen,

operators, ice producers, and all of miniplants suppliers where initial crab processing is carried out. APRI and all members are campaigning sustainability crab harvest to the supply chain for effective impact, collaborating with Universities to support scientific research, supporting Ministry of Marine Affairs and Fisheries to develop national Fishery Management Plan and working closely with Fishers community to establish community based fishery management. All project activities are managed in a Fishery Improvement Project (FIP), which determined as 6 FIP stages. In 2016, two processors become APRI member, following 14 other processors who are already actively campaign crab sustainability since 2007.

Following continuous FIP advocating from APRI and their constituents, The Government of Indonesia has issued a decree on Blue Swimming Crab fishery management plan. The FMP on BSC in WPPNRI (Indonesian fishery management region) is intended to support resource management policies Rajungan in Indonesian region based government laws in fisheries. This FMP is used as direction and guidance for the Government, local governments, and stakeholders in the implementation of the management of fish resources and the environment in WPPNRI. This decree following previous approved two Ministry decrees that impact blue swimmer crab (BSC) fisheries in Indonesia. One, for minimum carapace width at 10 cm (later amended to >55grams for 2015 and 10 cm for 2016 as a phasing

process) and no berried female crab. The second Ministry Decree annexed all coastal and coastal-seine trawlers. Here is the list of regulation of Government of Indonesia on Blue Swimming Crab fishery:

- Minimum landing size: Ministerial Decree No. 56/PERMEN-KP/2016
- Fishing gear ban (coastal and seine-trawls): No.2/PERMEN-KP/2015
- BSC Fishery Management Plan (NOMOR 70/KEPMEN-KP/2016)
- Stock status (NOMOR 47/KEPMEN-KP/2016)

APRI new members: PT Nirwana Segara, PT TOSS, PT. KBT

Research branch of MMAF, P4KSI, has been conducting an official BSC stock assessment for the JAVA SEA since January 2014. Stock assessment in Java Sea is conducted in year 2016, following year 2014 and 2015. Data describing the status of the blue swimming crab (*Portunus pelagicus*) fishery was collected from three important sites including Jakarta, Rembang, and Pamekasan.-Madura in Java Sea (WPP 712) in 2016 by the Center for Fisheries Research and Development Ministry of Marine Affairs and Fisheries, and Indonesian Blue Swimming Crab Association over a period of 7 months between May and November 2016. Three thousand and ninety-fives (3,095) females and two thousand,two hundred and sixteen (2,216) males Blue Swimming Crab (BSC) were measured by enumerators at three sampling locations in Java Sea in 2016. The residual spawning potential (SP) of the BSC stock in Java Sea after fishing in 2016 was therefore 21% in Rembang and 28% in Madura. The results of the LB SPR assessment indicate that the BSC fishery in Java Sea was operating at above limit reference point (i.e, the Limit References Point SP = 20%) in 2016. The selectivity curve for the BSC fishery in all sampling sites was positioned well to the right of generic maturity curve of the population of *Portunus pelagicus* from the BSC fishery in Indonesia. The results of the LB SPR assessment suggest that the operation of the fishery enables almost all BSC to mature before entering the fishery. Even though there is a good indication happening in the field compared previous year assessment, the stocks were remain heavily and over exploited. Harvest control rule recommendations were: closed near-shore fishing areas, effective enforcement of minimum carapace width of 10 cm or above, fishery closures for spawning seasons, use of selective and environmental friendly gears such as collapsible traps and bottom set gillnets, no berried female crab and the implementation of a system to allow crab habitats to recover. The results of stock assessment survey was evaluated by the National Committee for Fisheries Policy (Komnaskajiskan) in the end of 2015 and 2016. Following APRI's stock assessment and partners, the Government of Indonesia has issued official stock status of BSC (Ministerial Decree NOMOR 47/KEPMEN- KP/2016). The decree about 'estimasi potensi' (Maximum Sustainable Yield, MSY), "Jumlah

Tangkapan yang Diperbolehkan” (JTB, maximum allowable catch), and exploitation status for each WPP (fishery management region). The decree illustrates perceptions of the government of Indonesia (GOI) on current status.

APRI with support by IPB, has conducted non-target species (NTS) assessment in 2016. The issues surrounding bycatch and discarding are amongst the most important facing the management of fisheries throughout the world. Non Target Species (bycatch) assessment research activities required an appropriate reference data collection, relevant and in accordance with scientific principles. The objectives of the field survey of non target species (bycatch) using the the Marine Stewardship Council’s (MSC) Risk Based Framework (RBF) for data limited fisheries are threefold: (1) To identify all non-target species (NTS) that are potentially at risk of being impacted negatively by a blue swimming crab fishery, (2) To identify all non-target species (NTS) that are at risk of being impacted negatively by a blue swimming crab fishery, using MSC’s P2 Default Decision Making Tree, (3) To assess the level of risk for each at risk species using MSC’s Productivity, Susceptibility Analysis. Location for research Non Target Species Assessment is located in Rembang, Lancang Island (Seribu Island, Jakarta), and Madura. The assessment was conducted in 20 days every location by reaching 200 boat every gear per location. Non Target Species assessment research activities required an appropriate reference data collection, relevant and in accordance with scientific principles. Sampling technique is one of the important things that are known and mastered by researches and technicians. Because the fish population is not uniform in space and time, so the strategy for sampling should be considered to avoid or minimize error. A total of 87 non-targeted species was recorded during study period with a very small portion from the total catch. However only 8 species which categorized as ess Resilient Secondary species  $\geq 2\%$  of the total catch was analyzed using MSC’s Productivity, Susceptibility Analysis. No ETP Species was recorded during study period .

APRI completed the first workshop to update the MSC Gap analysis from 2009 with fishery stakeholders from the MMAF, Universities, leaders from fisher communities, mini-plant representatives, NGO’s and processors. The analysis was led by an accredited third-party Dr. Robert Wakeford (MRAG). Robert’s work will dovetail efforts to update and redesign a comprehensive FIP Action Plan for Indonesia and help craft measurable milestones to show improvements towards the MSC standard. The second workshop to update MSC Gap analysis for Java Sea was conducted in February 2015 with all key stakeholders (government, universities, industries) with the help by Dr. Robert Wakeford (MRAG). Since 2015, APRI is focusing to fill the gap of MSC indicators as indicated in FIP Action Plan.



Through a partnership with USAID-IMACS and APRI, SE Sulawesi fisheries in Kendair and Tiworo Strait were able to establish a multifaceted steering committee, complete a stock assessment using Spawning Potential Ratio (SPR) for 2 year data collection, complete an MSC Gap Analysis by an accredited 3<sup>rd</sup> party as well as pilot the IFISH server. IFISH is a new fishery data collection and assessment platform that would transition a paper based enumerator system to go online. This would allow stakeholders to upload and assess fishery data in real time. Harvest control rules and target/limit reference points have been established through the steering committee. The Kendari experience will be used as a replicable model for provincial fisheries to organize, collect data and make fishery management decisions at scale. Kendari will look to address MSC PI's from the Gap Analysis in their next work plan with IMACS-piloting an ASEAN FIP Protocol template, work on co-management initiatives to empower fisher groups and pilot control document systems with mini-pants. The co-management called Fishery Management Committee is now establishing at three provinces: East Java, Central Java and Southeast Sulawesi.

In order to follow up the Indonesian government regulations governing the minimum landing size of blue swimming crab, banning landing berried females, and banning mini-trawl gear, APRI agrees to implement Control Document. With the support of NFI Crab Council, training on control document was conducted by the end of 2015, with all APRI member and local government participated. Preliminary data assessment to support the control document and fisher stewardship program has been conducted in Madura on 7-11 December 2015. This activity was supported by Pelagic Data System (PDS) and Dalberg, and assessing the supply chain in PT Kelola Mina Laut (KML). The goals are to assess the data needs and opportunities of the Blue Swimming Crab (BSC) fishery and its associated supply chain in Madura, Indonesia and to help inform key stakeholders how to set up the Fisher Stewardship Program pilot to support implementation of the control document system. The control document/audit scoping has been started in February 2016 for trial in three locations: Madura, Lampung and Kendari, as a basis for trial implementation by the second semester in 2016. Two training of trainers was conducted in Surabaya in October 2015 and October 2016. The trial of control document on these supply chain has been conducted in the period June-December 2016. Auditors training on control document implementation for Blue Swimming Crab fishery in Indonesia was conducted in Surabaya on 23-26 November 2016. This event organized by Indonesian Blue Swimming Crab Association (APRI), Sustainable Fisheries Partnership (SFP) and NFI Crab Council. This training is part for support and increase BSC Control Document in Indonesia. Purposes from this event (1) to provide APRI and it's affiliated processors the means to verify the implementation of the control document and its related traceability and documentation processes in



the Indonesia blue swimming crab supply chain to the USA Market. (2) To provide training to a group of auditors on the traceability and documentation processes related to the control document implementation for the Indonesia blue swimming crab supply chain to the USA Market. (3) To evaluate the audit protocol and make the needed adjustments for its final design. As the next step, APRI will hire independent, third-party auditors to confirm implementation of control documents across the entire BSC supply chain – from collectors to mini-plants. This monitoring and auditing is a key part of the industry engagement effort. The Expected Outputs is (1) 10 auditors trained in the Control Document and its related traceability and documentation processes, (2) A final and standardized audit protocol for the traceability and documentation processes related to the control document. The audit process has been conducted by selected independent auditors at three sites in January and February 2017. This initiative of traceability and documentation process is expected to fully auditable from raw material to the final product and vice versa.

The Directorate of Fishery Resources (SDI) of the Ministry of Marine Affairs and Fisheries (MMAF) seeks to develop a series of (three) pilot projects encompassing the design, implementation and assessment of sub-WPP-scale2, multi-stakeholder Blue Swimming Crab (BSC) fishery management initiatives. The MMAF Directorate General Capture Fisheries – Fisheries Resources Management has issued a letter on Task Force Team for BSC Fishery Management Pilot Project that is implemented in 2016 until 2017. The selected site is Lampung.

The year 2017 APRI focus to on:

- Stock Assessment programs in the Java Sea,
- Socialization of BSC fishery management plan
- Fishery management committee at three provinces: East Java, Central Java, and Southeast Sulawesi, and resulting Governor Decree on the establishment of this committee and on the management of BSC on the provincial level.
- review modified collapsible trap designs with escape vents and artificial baits
- Mapping mini plant and fisher communities
- Implementation of control document and audit system
- In addition to environmental indicators, APRI will look to improve enforcement and compliance of fishery policies through assessing supply chains, empowerment and organization of fisher communities and pilot traceability systems through control documents.







# INDONESIA FIP SUMMARY

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## STAKEHOLDERS AND PARTNERS

### Private Sector:

### APRI PROCESSORS

#### Mgmt Committees

Data Management Committee (DMC), Kendari + Tiworo Strait; Komunitas Rajungan, Fishery Management Committee Central Java, Fishery Management Committee East Java,

#### Government:

MMAF (Ministry of Marine Affairs and Fisheries), P4KSI (Agency for Marine Research + Development), SDI (DG Capture Fisheries), DKP Kendari, DKP Demak, BBPPI (DG Fisheries Research for Fisher Resource Development), DG of Fishery Quarantine + Inspection Agency, P2HP (DG Fisheries Product Processing Marketing)

#### Academia:

UNDIP (University Dipenogoro, Demak), UHO (University Halu Oleo, Southeast Sulawesi), Bogor Agricultural University (IPB), Universitas Lampung, Universitas Trunojoyo



#### NGO/AID:

USAID-IMACS, SFP, EDF/Starling

#### Technical

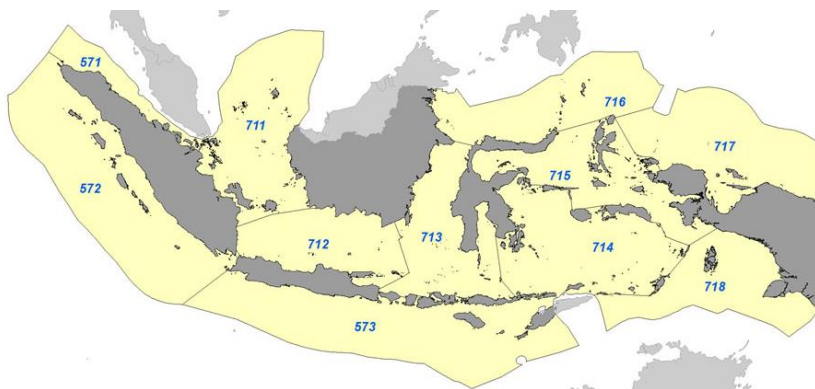
Michael De Alessi, University of Washington; Michael abbey, NOAA Fisheries, Neel Inamdar, Sven Blankenhorn

#### FIP Manager:

Dr. Hawis Madduppa

## SCOPE

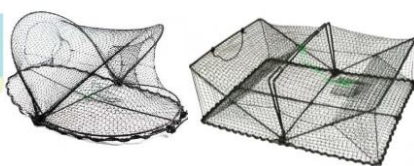
Area: Java Sea; SE Sulawesi



Gear: Coastal bottom-set gillnet and trap fisheries



Bottom-set gillnet



Collapsible crab trap

## FIP ACTIVITY TABLE

FIP ACTIVITY	OBJECTIVES	COMPLETED	NEXT STEPS	APRI PARTNERS/S
<u>Stock Management</u>	(see MSC 80)			
SE, Sulawesi, Tiworo Strait (Kendari)	<ul style="list-style-type: none"> <li>Est. Data Mgmt Committee</li> <li>Implement an EAFM model</li> <li>Application of SPR</li> <li>Harvest strategy through reference points and harvest control rules</li> </ul>	<ul style="list-style-type: none"> <li>Est. Data Mgmt Committee (DMC)</li> <li>Data collection (1yr) using SPR methods</li> <li>Provisional Stock Status</li> <li>Target/Limit Ref. Points (govt. Approved)</li> </ul>	<ul style="list-style-type: none"> <li>CONTINUE DATA COLLECTION</li> <li>Socio/Economic studies to understand incentive schemes and help improve compliance at fisher and mini-plant level.</li> <li>Formalize harvest strategy</li> <li>Pilot control document system</li> </ul>	UNHALU DKP/MMAF IMACS/USAI D P4KSI Mini Plant Fishers SFP

	<ul style="list-style-type: none"> <li>• Applications of IFISH</li> </ul>	<ul style="list-style-type: none"> <li>• MSC Pre Assessment</li> <li>• Interim harvest strategy</li> <li>• 2015-2016 Work Plan</li> <li>• Application of IFISH</li> </ul>	<ul style="list-style-type: none"> <li>• Implement a Community version of IFISH</li> <li>• Outline actions when fishery meets target/limit reference points</li> </ul>	
Java Sea (WPP-712) Gill net and trap	<ul style="list-style-type: none"> <li>• Harvest Strategy based on reference points and harvest control rules</li> <li>• Stock Assessment</li> <li>• Biological Ref. Points</li> <li>• Target/Limit ref. Points</li> <li>• Stock Density Mapping</li> <li>• Seasonality</li> <li>• Inform Harvest Control Rules</li> <li>• Inform Management Framework</li> </ul>	<ul style="list-style-type: none"> <li>• Lit. Review</li> <li>• Stock Assessment Proposal /Methodology approved</li> <li>• Data Collection Training</li> <li>• Data Collection (1yr)</li> <li>• Annual Report and stakeholder conference</li> <li>• Harvest control rules proposed</li> </ul>	<ul style="list-style-type: none"> <li>• Continue data collection</li> <li>• Increase number of sampling sites</li> <li>• P4KSI inputs to Fishery Management Framework</li> <li>• Establish reference points and correlating actions at these thresholds</li> <li>• Investigate feasibility of online data collection platforms at a National level</li> </ul>	P4KSI/MMAF
<u>Ecosystem Mgmt</u>				
	<ul style="list-style-type: none"> <li>• Establish a pragmatic method to assess MSC P2 indicators</li> <li>• Conduct Assessments</li> <li>• Determine Whether management strategies need to be considered for MSC P2 indicators</li> </ul>	<ul style="list-style-type: none"> <li>• P4KSI collecting catch composition of other species for gillnet and trap fishers</li> <li>• MPA / Nursery ground fishery closures to protect premature crabs and habitats</li> <li>• Risk Based Framework</li> </ul>	<ul style="list-style-type: none"> <li>• Inclusion in FIP Planning</li> <li>• Investigate feasibility for RBF assessment methods with the fishery consultant</li> <li>• Craft TOR's for assessing MSC P2 indicators</li> </ul>	P4KSI MRAG IPB (Dr Zairion)

<u>Fishery Management</u>				
Fishery Management Framework N. Java, Wpp-712	<ul style="list-style-type: none"> <li>• Legal management framework to maintain productivity of crab resources</li> <li>• Harvest Strategy based on reference points and control rules</li> <li>• Monitor, Control, and Surveillance systems</li> <li>• Organization of fisher groups through Co-management initiatives</li> </ul>	<ul style="list-style-type: none"> <li>• Draft Fishery Management Framework</li> <li>• BSC fishery on "National Priority List"</li> <li>• Ministry decree on 10 cm minimum carapace width, and no berried crab</li> <li>• Ministry decree of no coastal trawlers</li> <li>• Regular stakeholder consultation</li> </ul>	<ul style="list-style-type: none"> <li>• Complete Fishery Management Framework</li> <li>• Formalize multi-faceted steering committee for WPP-712</li> <li>• Pilot Traceability/Control Document System</li> <li>• Pilot co-management initiatives seeking to organize fisherman groups</li> <li>• Modified collapsible trap design</li> <li>• Enforcement Plan of Ministry Decree's 1 and 2</li> </ul>	MMAF P4KSI BPPI DG Quarantine and Inspection SFP Michael De Alessi (Walton) Neel Inamdar (Packard)
<u>Consultancy Work</u>				
Java Sea, WPP-712	<ul style="list-style-type: none"> <li>• Update MSC Gap Analysis</li> <li>• MSC FIP Framework</li> <li>• FIP Action Plan</li> <li>• Monitor &amp; Evaluation</li> </ul>	<ul style="list-style-type: none"> <li>• Letter of Agreement, signed</li> <li>• Stakeholder meeting to update MSC Gap Analysis</li> </ul>	<ul style="list-style-type: none"> <li>• Coordinating efforts between MRAG and APRI</li> <li>• Complete Gap Analysis</li> <li>• Complete FIP Action Plan and update M&amp;E tools</li> </ul>	MRAG-UK









**NEWS**

## LAMPUNG GOVERNOR'S DECREE TO SUPPORT BETTER MANAGEMENT OF BSC FISHERIES IN LAMPUNG

In order to ensure the availability and utilization of BSC fishery resources in a sustainable manner for the welfare of the coastal community of East Lampung, the Governor of Lampung issued a decision letter number G/71/V.19/HK2017 on 21 February 2017 about the establishment of a BSC sustainable fisheries management initiative team in coastal waters east Lampung, Lampung Province. This is one of the efforts of the provincial government of Lampung for better management of BSC fisheries. Besides that the involvement of various stakeholders in the management of crab fishery in Lampung Province is one of the important things to realize sustainable fisheries management.



### GUBERNUR LAMPUNG

**KEPUTUSAN GUBERNUR LAMPUNG  
NOMOR : G/ 71 /V.19/HK/2017**

#### **TENTANG**

**PEMBENTUKAN TIM INISIATIF PENGELOLAAN PERIKANAN RAJUNGAN  
BERKELANJUTAN PERAIRAN PESISIR TIMUR LAMPUNG PROVINSI LAMPUNG**

#### **GUBERNUR LAMPUNG,**

- Menimbang : a. bahwa dalam rangka menjamin ketersediaan dan pemanfaatan sumber daya perikanan rajungan secara berkelanjutan bagi kesejahteraan masyarakat di perairan pesisir Lampung Timur, maka perlu dilakukan upaya pengelolaan perikanan rajungan berkelanjutan sebagaimana diamanatkan dalam Keputusan Menteri Kelautan dan Perikanan Nomor 70/KEPMEN-KP/2016 tentang Rencana Pengelolaan Perikanan Rajungan di Wilayah Pengelolaan Perikanan Negara Republik Indonesia;
- b. bahwa keterlibatan berbagai pemangku kepentingan dalam pengelolaan perikanan rajungan di Provinsi Lampung merupakan salah satu hal penting dalam mewujudkan pengelolaan perikanan rajungan berkelanjutan;
- c. bahwa berdasarkan pertimbangan sebagaimana dimaksud dalam huruf a dan huruf b tersebut di atas, perlu membentuk Tim Inisiatif Pengelolaan Perikanan Rajungan Berkelanjutan Perairan Pesisir Timur Lampung Provinsi Lampung dan menetapkannya dengan Keputusan Gubernur Lampung;
- Mengingat : 1. Undang-Undang Nomor 31 Tahun 2004 tentang Perikanan sebagaimana telah diubah dengan Undang-Undang Nomor 45 Tahun 2009;

## APRI-SFP-FPIK IPB HELD EVENT SCIENCES-BUSINESS FORUM FOR INDONESIAN BLUE SWIMMING CRAB



APRI-SFP-FPIK IPB Held Event Sciences-Business Forum for Indonesian Blue Swimming Crab. This event was held on April 17-18, 2017 at IPB Convention Center, Bogor and invites all BSC Stakeholder such as Fishermen, Miniplants, Industry, BSC Enumerator, Government Institution, Universities, Researcher and also NGO. This event was held to support APRI FIP (Fishery Improvement

Projects) and SFP Program, and also to support Government Regulation for Blue Swimming Crab. APRI and SFP also work together to collect information and analyze the biological, socio and economic impacts of the regulations and implementation of Control Document, and identify measures to minimize the socio economic impacts especially to the small-scale fishers and enhance compliance.

More than that, the sustainable fishery management will also need extensive research and knowledge support as inputs for the right management measures for this fishery. In this context, Faculty of Fisheries and Marine Science, Bogor Agricultural University (FPIK-IPB) as one of the universities in Indonesia, is putting blue swimming crab as one of its Centre of Excellence Program. FPIK-IPB has set the blue swimming crab as one of the research themes under Ecosystem Approach to Fisheries Management (EAFM) covering habitat, fishery resources, fishing technology, socioeconomic and policy/institution.

In order to improve knowledge sharing and exchange, and with the spirit of filling the gaps, a media to facilitate the open discussion between business, science and policy makers are needed. FPIK-IPB has the spirit to become facilitator for the meeting between science and business in the form of Sciences-Business Forum (SBF), which is conducted for every unit of fishery business, in this case blue swimming crab. Therefore, APRI, SFP and FPIK-IPB work together to facilitate SBF for Blue Swimming Crab Fishery aimed to collect and analyze information on the biological, socio and economic impacts of the implementation of government regulation on blue swimming crab fishery. In addition to that, the SBF forum will also identify the actions needed to minimize the potential socio-economic impacts to the small-scale fishers and help them improve the compliance to the regulations.





The purposes of this workshop are:

1. Present and discuss the current available biological, socio and economic data and information gathered so far, and identify the gaps.
2. Present and discuss the impacts of different management measures on blue swimming crab fishery (including minimum Landing Size-MLS of 10 cm, ban on catching berried female and ban on the use of trawl) using a relatively simply excel-based bio-economic modeling with key stakeholders.
3. Get inputs from key stakeholders involved in Indonesian blue swimming fishery on what need to be done to improve this fishery towards sustainable fishery and ensure compliance to regulations while in the same time minimize the potential impacts to local community.
4. Develop action plans for improving the fishery towards sustainability fishery and ensure compliance to regulations while in the same time minimize the potential impacts to local community

## THE 2ND INTERNATIONAL FISHERIES TRANSPARENCY INITIATIVE (FITI) CONFERENCE



APRI attended the 2nd International Fisheries Transparency Initiative or FiTI. This event was held on April 27, 2017 at Bali by Ministry Of Marine Affairs and Fisheries Indonesia (KKP). Miftahul Khair (APRI Admin) was attended this event. The theme of this event is Launching : A New Era of Transparency in Fisheries. The Fisheries Transparency Initiative (FiTI) is a global multi-

stakeholder initiative, which aims at enhancing responsible and sustainable fisheries through transparency and participation.

**Transparency:** The FiTI will increase transparency by regularly publishing information regarding 'access to marine fisheries'. This includes, inter alia, who has the right to fish (e.g. rights holders, vessels, license agreements), how much is paid for the right to fish, and how much fish is extracted. The information will



cover large-scale fisheries as well as small-scale fisheries.

**Participation** : The FiTI will enhance the credibility of the provided information through a deliberative process, which involves all major stakeholder groups (i.e. government, companies, civil society). Over time, this approach will help establish a trust-based, consensus-oriented multi-stakeholder environment for collective action.

#### APRI QUARTERLY MEETING 1, SURABAYA 29 APRIL 2017



Indonesian Blue Swimming Crab Association (APRI) was held 1st Quarterly Meeting 2017 in Surabaya on 29 April 2017. APRI boards such as Kuncoro Catur Nugroho (APRI's Chairman), Dr. Hawis Madduppa (APRI's Executive Director), Wita Setioko (APRI's Treasurer) and Bambang Arif Nugraha (APRI's Secretary) was attended this meeting, and 13 APRI members was recorded also attend the meeting. Moreover APRI also invited delegation and speaker from government such as Artati Widiarti (PDS-KKP), Innes Rahmania (PBM-KKP), Saifullah (BKIPM), from researcher like Yushinta Fujaya (UNHASS), and from NGO like Abdul Ghofar (NFI Crab Council).

This event has a theme that is "Traceability – The Succeed Key in Crab Business". This activity is expected to maintain the continuity business of pasteurized BSC Meat environmentally friendly. Dr. Hawis Madduppa give the presentation about newest development report from Fisheries Improvement Project (FIP), Dr. Abdul Ghofar present about Report from NFI Crab Council, Artati Widiarti present about Seafood Import Monitoring Program (SIMP), Innes Rahmania present about Activity Plant to Support Pasteurization of Blue Swimming Crab, Saifullah present about Good Fish Handling (CPIB), and Yushinta Fujaya present about Crab Enhancement. At the end of this event, also given sertification to member APRI and group photo.





APRI attended Global Sustainability Standards Symposium. This event was held on 3rd May 2017 at Kartini Hall, Jakarta. This Event was hosted by the ISEAL Alliance, United Nations Industrial Development Organization (UNIDO), the Indonesia Chamber of Commerce and Industry (KADIN) and the Indonesia Ministry of Industry.

The Global Sustainability Standards Symposium is a platform for provocative conversations about the challenges businesses are facing in terms of strengthening competitiveness and accessing new markets, with a particular focus on how sustainability standards can play a role. In 2017, the Symposium will focus on Southeast Asia and explore the theme of **sustainable value chains**. It will examine the common challenges faced by multiple sectors including fisheries, palm oil, cocoa and forestry, as well as the widespread economic, social and environmental benefits of incorporating responsible practices into value chains.



## CRAB POT APPLICATION BY BSC FISHERMEN IN JEPARA, CENTRAL JAVA



Dr. Hawis Madduppa (Executive Director of APRI and Marine / Fishery Researcher from IPB) and Ir. Zarochman (BBPPI Semarang fishing gear expert) together have visited the Group BSC Fishermen in Jepara, Central Java. This visit was conducted on 2 May 2017. In their visit, the group of Jepara BSC fishermen had applied 'Crab Pot' to collect the

captured EBF crabs. Crab pot is used to collect Egg Buried Females crabs. After the crab released their eggs, the fishermen take it back for sale. This is to support the government's regulation ban on EBF crabs. This 'crab pot' activity is supported by APRI since 2016 and hopefully gradually increasing the awareness of fishermen to comply with the government's catch rules. This activity is also as a program of restocking and crab enhancement



## APRI EXECUTIVE DIRECTOR INVITED AS SPEAKER IN THE NATIONAL SYMPOSIUM CRUSTACEA



In order to improve fishery management in Indonesia, since 2014 the National Symposium on Sustainable Fisheries Management has been held. The Symposium aims to gather the latest information and scientific studies on several important fisheries resource groups in Indonesia, as one of the recommended policy recommendations for fisheries management in Indonesia. In organizing the fishery symposium, its implementation always cooperates with the government as the fishery management authority in Indonesia, namely the Ministry of Marine Affairs and Fisheries.

The National Crustacea Symposium was held on 15-16 May 2017 at Gedung Mina Bahari (GMB) 4 Ministry of Marine Affairs and Fisheries, Jln. Medan Merdeka Timur, Central Jakarta. This activity is a collaboration between WWF-Indonesia and Fisheries Research Center (PUSRISKAN) Ministry of Marine Affairs and Fisheries, National Commission for Assessment of Fish Resources (KOMNAS KAJISKAN), Bogor Agricultural University (IPB), and several other related parties. The theme of this event is "Toward Sustainable Management of Crustacean Fisheries in Indonesia". This crustacean symposium plan received 60 papers, presenting key speakers from governments, academics and researchers, as well as experts and practitioners.



## SOUTHEAST SULAWESI GOVERNOR DECREE TO SUPPORT LONG TERM BSC FISHERY RESOURCES

To improve the welfare of the community, especially the fishermen in Southeast Sulawesi and in order to maintain the sustainability of fish resources in the territory of the waters of Southeast Sulawesi, the Southeast Sulawesi Governor's has issued a decree of the Governor of Southeast Sulawesi No. 289 of 2017 on the establishment of crab fisheries management committee in Southeast Sulawesi. This decree was signed on 2 June 2017. It is hoped that this committee can support long-term securities based on assured resource sustainability and to promote economic growth.



### GOVERNOR SULAWESI TENGGARA

KEPUTUSAN GUBERNUR SULAWESI TENGGARA  
NOMOR 289 TAHUN 2017

#### TENTANG

PEMBENTUKAN KOMITE PENGELOLAAN PERIKANAN RAJUNGAN DI  
PROVINSI SULAWESI TENGGARA

GUBERNUR SULAWESI TENGGARA,

- Menimbang :
- a. bahwa untuk meningkatkan kesejahteraan masyarakat khususnya nelayan di Sulawesi Tenggara dan dalam rangka menjaga keberlangsungan dan kelestarian sumber daya ikan khususnya rajungan di wilayah perairan Provinsi Sulawesi Tenggara, perlu pengelolaan perikanan rajungan;
  - b. bahwa dalam rangka pengelolaan perikanan rajungan guna mendukung terjaminnya perdagangan jangka panjang yang didasarkan pada terjaminnya kelestarian sumberdaya dan untuk meningkatkan pertumbuhan ekonomi, perlu dibentuk Komite Pengelolaan Perikanan Rajungan di Provinsi Sulawesi Tenggara;
  - c. bahwa berdasarkan pertimbangan sebagaimana

## CENTRAL JAVA GOVERNOR REGULATION TO SUPPORT MANAGEMENT OF FISHERY IN CENTRAL JAVA PROVINCE

In order to follow up the Decree of the Minister of Marine Affairs and Fisheries No. 70 / KEPMEN-KP / 2016 concerning the management of shrimp fishery in the territory of Fisheries Management of the Republic of Indonesia, an effort is needed to support the management of fishery resources of lobsters, crabs and crabs. One of the efforts of Central Java provincial government is to issue Central Java Governor Regulation No. 33 of 2017 about Management of Fishery Lobster, Crab and BSC in Central Java Province. This Governor Regulation was signed on July 14, 2017. It is expected that with the issuance of this Governor Regulation can help realize responsible management, ensure the quality, diversity and conservation of fishery resources in Central Java Province



### GOVERNUR JAWA TENGAH

#### PERATURAN GUBERNUR JAWA TENGAH

NOMOR 33 TAHUN 2017

TENTANG

PENGELOLAAN PERIKANAN LOBSTER, KEPITING DAN RAJUNGAN  
DI PROVINSI JAWA TENGAH

DENGAN RAHMAT TUHAN YANG MAHA ESA

GOVERNUR JAWA TENGAH,

- Menimbang : a. bahwa dalam rangka menindaklanjuti Keputusan Menteri Kelautan Dan Perikanan Nomor 70/ KEPMEN-KP/2016 tentang Rencana Pengelolaan Perikanan Rajungan Di Wilayah Pengelolaan Perikanan Negara Republik Indonesia, perlu pengelolaan sumber daya perikanan lobster, kepiting dan rajungan, untuk mewujudkan pengelolaan yang bertanggungjawab, menjamin kualitas, keanekaragaman dan konservasi sumber daya perikanan di Provinsi Jawa Tengah;
- b. bahwa berdasarkan pertimbangan sebagaimana dimaksud dalam huruf a, perlu menetapkan Peraturan Gubernur tentang Pengelolaan Perikanan Lobster, Kepiting Dan Rajungan Di Provinsi Jawa Tengah;
- Mengingat : 1. Undang-Undang Nomor 10 Tahun 1950 tentang Pembentukan Provinsi Jawa Tengah (Himpunan Peraturan- peraturan Negara Tahun 1950 Halaman 86-92);

## WAY FORWARD FOR SUSTAINABLE BSC MINI WORKSHOP



In order to keep support for the sustainable BSC in Central Java, Blue Swimming Crab Group from Faculty of Fisheries and Marine Science, Diponegoro University held an Mini workshop on 11 July 2017. This activities was held at Faculty of Fisheries and Marine Science, Diponegoro University, Semarang. In this occasion, Dr Hawis Madduppa as APRI Executive Director was invited to this event. The topik for this mini workshop is “Way Forward for Sustainable BSC”. This activities disscussed about overview progress and the challenge of managing BSC fishery in Central Java. Other than that also disscussed the workplan from SFP, APRI and BSC Group FPIK UNDIP to support the sustainability BSC in the future.

## APRI QUARTERLY MEETING 2, YOGYAKARTA 5 AUGUST 2017



Indonesian Blue Swimming Crab Association (APRI) was held 2nd Quarterly Meeting 2017 in Yogyakarta on 5 August 2017. APRI boards such as Kuncoro Catur Nugroho (APRI’s Chairman), Dr. Hawis Madduppa (APRI’s Excecutive Director), Wita Setioko (APRI’s Treasurer) and Bambang Arif Nugraha (APRI’s Secretary) was attended this meeting, and 16 APRI members was recorded also attend the meeting.

Moreover APRI also invited speaker such as Prof. Indra Jaya (KOMNASKAJISKAN), Ir. Sitti Chadidjah (BKIPM Makassar), and from NGO like Abdul Ghofar (NFI Crab Council). This event has a theme that is “Compliance Against Government Regulation on Blue Swimming Crab Fisheries in Indonesia towards Sustainable Industry”.

This activity is expected to maintain the continuity business of pasteurized BSC Meat environmentally friendly and also to improve the sustainability program for BSC Industry. Dr. Hawis Madduppa give the presentation about newest development report from Fisheries Improvement Project (FIP) and APRI Program in the future, Prof. Indra Jaya present about BSC Stock and the Relation to Season Condition, and Ir. Sitti Chadidjah present about Compliance Against Government Regulations About BSC Fishing. At the end of this event, also held the handover of enumeration equipment from Sustainable Fisheries Partnership (SFP) represented by Tita Nopitawati to APRI represented by APRI Chairman, Kuncoro Catur Nugroho.

## APRI GIVE A PRESENTATION AT THE WWF-INDONESIA NATIONAL WORKSHOP



The success of national development can only be achieved through the active participation of all stakeholders and the integration of each activity through participatory planning. WWF Indonesia, as one of the civil society organizations that has been working in Indonesia for more than 50 years, feels it is very important to get input from the parties in the development of the program in the future. In order to develop the Strategic Plan 2019-2023, WWF-Indonesia

will organize a National Workshop to obtain comprehensive input from all stakeholders. The theme of the Workshop is "Encouraging Sustainable Development and Justice in Indonesia". The workshop held on 4 September 2017 in Jakarta. In this activity APRI was invited as speaker and represented by Miftahul Khair with material on the topic "Vision and Efforts of APRI in Management and sustainable fisheries business in Indonesia – Opportunities, challenges and strategies".

## APRI QUARTERLY MEETING 3 "CULTIVATION FOR INDUSTRIAL SUSTAINABILITY AND BSC FISHERIES RESOURCES"

Indonesian Blue Swimming Crab Association (APRI) was held 3rd Quarterly Meeting 2017 in Semarang on 14 Oktober 2017. APRI boards such as Kuncoro Catur Nugroho (APRI's Chairman), Dr. Hawis Madduppa (APRI's Executive Director), Wita Setioko (APRI's Treasurer) and Bambang Arif Nugraha (APRI's Secretary) was attended this meeting, and APRI members also attended the meeting. Moreover APRI also invited speaker Sugeng Rahardjo, A.Pi as Head Of BBPBAP Jepara, PT. Kemilau Bintang Timur as the review board, NFI Crab Council and Sustainable Fisheries Partnership.





This event has a theme that is “Cultivation for Industrial Sustainability and BSC Fisheries resources”. This activity is expected to maintain the continuity business of pasteurized crab meat environmentally friendly and also to improve the sustainability program for BSC Industry. In his session, Mr. Sugeng Rahardjo convey about the cultivation of BSC crabs in ponds, Dr. Hawis Madduppa also give the presentation about Indonesia Blue Swimming Crab Fishery Improvement Project Report against MSC Principles. At the end of this meeting, APRI representative by Kuncoro Catur Nugroho and BBPBAP Jepara representative by Sugeng Raharjo signed a memorandum of understanding (MoU) on the development of BSC Cultivation in the pond

## FGD – SOCIALIZATION AND CERTIFICATION OF QUALITY STANDARDS PRODUCT IN MINIPLANT AT SEMARANG, CENTRAL JAVA

In order to improve the guidance on the supply chain of BSC products to comply with the traceability requirements, the Indonesian Blue Swimming Crab Association (APRI) in cooperation with the Marine and Fisheries Agency (MFA) of Central Java Province conduct Focus Group Discussion Socialization and Certification of Quality Standards Product in BSC Miniplant at Semarang, Central Java. This event was held in Marine and Fisheries Agency meeting room on 26 October. In this activity present related materials such as SKP (Certificate of Processing Feasibility) and CPIB (Good Way of Fish Management). Several representative from Miniplant, UPI around Central Javaat and also representative from Mina Reja Mulyo Fishermen Group was attended this meeting.



This event was opened by Ir. Santoso from Marine and Fisheries Agency of Central Java Province. He said “This activity is a follow up of activities that we have done from the Central Java MFA. Following the governor’s regulation number 33 of 2017 on fishery management of lobsters, crabs and BSC in the Central Java Province need to be submitted at this time that there is a draft related to the management certification of BSC in Central Java. Hopefully output from this meeting can provide input and improve marine sector in the Central Java Province”.

In the presenter sessions, SKP (Certificate of Processing Feasibility) represent by Sri Astuti from BPPMHP Semarang and CPIB (Good Way of Fish Management) present by Aryanifrom BKIPM Semarang. To facilitate the maintenance of SKP, then Sri Astuti also present about SKP online. Online SKP program aims to facilitate the UPI in taking care of SKP so it is more effective and efficient.

## FGD – SOCIALIZATION AND CERTIFICATION OF QUALITY STANDARDS PRODUCT IN MINIPLANT AT CIREBON, WEST JAVA

Improvement program for BSC supply chain must be improved. In this case the Cirebon Food, Agriculture, Marine and Fisheries Agency (FAMFA) in cooperation with Indonesian Blue Swimming Crab Association (APRI) held an event Focus Group Discussion Socialization and Certification of Quality Standards Product in Miniplant. This event was held on 9 November 2017 at FAMFA Hall Cirebon, West Java. The participant of this event included several representative BSC miniplant and UPI, APRI Board, several representative from Cirebon FAMFA and SFP. On this event also invited speaker such as Mr. H. Rusmana from BPPMHP Cirebon and Mr. Atmaji Yuwono from BKIPM Cirebon. On this event, Mrs. Ir. Eryrhina Oktiayani as Head of Marine and Fisheries Division also give a speech and opened this event. She said “Hopefully this event will give positif advantages for all of us. We hope APRI can support the program for sustainability of BSC especially in Cirebon, West Java”



As for the speaker session, Mr. H. Rusmana from BPPMHP Cirebon present about Certificate of Processing Feasibility (SKP). He was said SKP of BSC should be affirmed about the minimum legal size of Egg Berried Female. For the material about Good Way of Fish Management (CPIB) was presented by Mr. Atmaji Yuwono from BKIPM Cirebon. The participants of this activity seemed very enthusiastic, seen from the questions expressed to the speakers. They also support to abide by government regulations regarding minimum legal size and egg buried females. Mr. Bambang Arif Nugraha as APRI Secretary present about the latest developments related to the BSC industry and Dr. Hawis Madduppa as Excecutive Director APRI also present about new update of APRI Fisheries Improvement Program.

## APRI PARTICIPATED IN INDONESIA FISHERIES & AQUACULTURE TRADE SHOW & FORUM 2017

APRI Participated in Indonesia Fisheries & Aquaculture Trade Show & Forum 2017. This event was organized by Sustainable Fisheries Partnership (SFP) in cooperation with Indonesia Ministry of Marine Affairs and Fisheries (MMAF). The Indonesia Fisheries and Aquaculture Forum held on November 14-15, 2017 at the MMAF 3 Hall in Jakarta Indonesia.



The event was opened by Minister of Marine Affairs and Fisheries represented by Ir. Nilanto Perbowo, M.Sc. The Forum provides a venue for like-minded seafood industry professionals to share challenges, celebrate successes, and to learn more about fisheries and aquaculture issues in a pre-competitive



environment alongside government and other NGOs. Other topics on the agenda include challenges and opportunities with the management of highly migratory species, aquaculture in Indonesia, and the ever-growing community of FIP and AIP implementors and purveyors. Other than that also talked about the current policies and practices in Indonesia Fisheries.

In the afternoon session, Kuncoro Catur Nugroho as

APRI Chairman gives a presentation about APRI FIP Program. In addition APRI also show up in the booth provided at the event. Several publication about APRI FIP Program was displayed in the booth. Ir. Nilanto Perbowo and Jimm Cannon (CEO SFP) was visit APRI Booth and APRI Chairman also explain about APRI activity was done and future program to support Indonesia Fisheries.



## FGD – SOCIALIZATION AND CERTIFICATION OF QUALITY STANDARDS PRODUCT IN MINIPLANT AT LAMPUNG PROVINCE

Indonesian Blue Swimming Crab Association (APRI) in cooperation with Lampung province Marine and Fisheries Agency (MFA) was held the last Focus Group Discussion Socialization and Certification of Quality Standards Product in BSC Miniplant. This activity was held on November 27 in Lampung MFA Meeting Room. Several stakeholders start from miniplant in Lampung province, UPI/Plant, Government Institution was invited. For speaker APRI invited from Mr. Suardi from BKIPM/Lampung Fish Quarantine to speak about Good Way of Fish Management (CPIB), and for Certificate of Processing Feasibility (SKP) was presented by Mrs. Luzi and Mrs. Debi from Lampung LPPHP.



This activity was opened by Head of Lampung MFA represented by Mr. Makmur. He was hope this event can help improve the BSC management from bottom to top supply chain, and also can help government institution to mapping supply chain in Lampung Province. Mr. Bambang Arif Nugraha (APRI Secretary) also persented about latest developments related to the BSC industry and Mr. Hawis Madduppa (APRI Executive Director) was presented about new update of APRI Fisheries Improvement Program. This activity got great enthusiasm from the participants. They also interest with APRI Program for sustainability and traceability such as BSC Cultivation. APRI itself is open for those who want to get the baby crabs for cultivation.





**FISHERIES**

## REPORTS INDONESIAN FIP AT THE NFI ANNUAL MEETING AND SENA



APRI attended the largest seafood trade event in North America, which is now known as The Seafood Marketplace for North America/Seafood Processing North America/Seafood Expo North America (Hashtag #SENA17). This event was held on 19-21 March 2017 at Boston Convention and Exhibition Center, North America. The visit was related to Indonesian as a participant in Boston Seafood Expo. On this event, APRI members participated. APRI Board such as Hawis Madduppa (APRI's Executive Director), Kuncoro Catur Nugroho (APRI's Chairman), Bambang Arif Nugraha (APRI's Secretary), and Wita Setioko (APRI's Treasurer) also attended this event.

Seafood Expo North America is a leading trade event for seafood buyers in every market category including retail, restaurant, catering, food service and processing. The event attracts over 20,000 buyers and suppliers of fresh, frozen, packaged and value-added seafood products, equipment, and services. Attendees travel from more than 100 countries to do business at the exposition. No other event in North America provides seafood professionals with direct access to qualified buyers and suppliers representing all areas of the seafood industry.



## APRI SUPPORTS FISHING GEAR WORKSHOP FOR BLUE SWIMMING CRAB IN JEPARA

APRI attended invitation from Jepara Fisheries Department on event Training of Trap Making for Blue Swimming Crab 2017. This event was held on 2-4 May 2017 in Jepara, Central Java. This event was opened by head of Jepara Fisheries Department, Adi Sasongko, S.Pi, M.Si.. Bambang Arif Nugraha (APRI Secretary) and Dr. Hawis Madduppa (APRI Executive Director) was attended this event. APRI Executive Director was presented about APRI Fisheries Improvement Program (FIP). In an attempt to support the regulation of government, Socialize Ministerial Decree of Fisheries





and Marine Affairs No.1 and No. 2/2015, and disseminate management catching blue swimming crabs that are environmentally friendly and sustainable.

On this event APRI also gives 600 pieces trap fishing gear to Jepara fishermen through the Jepara Fisheries Department. It is expected that the results from this training could contribute to the government program to distribute more selective gears for the small-scale fishers.



## APRI ATTENDED THE 2ND MEETING FOR SWIMMER CRAB FISHERY IMPROVEMENT PROJECT MANAGERS

The National Fisheries Institute Crab Council and Seafood Watch invited Dr. Hawis Madduppa as APRI Executive Director to the 2nd Meeting for Swimmer Crab Fishery Improvement Project Managers. This activity held at the Grande Centre Point Ploenchit in Bangkok, Thailand on 28 September 1 October 2017. The participants coming from Indonesia, Thailand, Vietnam, Philippines, Sri Lanka, India, and China.



Fishery Improvement Projects (FIPs) have grown in important over the last decade as a tool for fisheries Stakeholders to address environmental and social challenges. While the definition of FIPs and their importance on global markets has evolved substantially over the last decade, their implementation has met some challenges including how to verify and properly communicate the level of improvement to the market. In November 2015, the NFI Crab Council and Seafood Watch hosted a meeting in Thailand that brought Swimmer crab FIP stakeholders together to discuss challenges and success stories in front of a broad audience of interested stakeholders. One of the main take aways was that there would be value is hosting a smaller meeting of FIP managers to dive deeper into some of the discussions as well as learn more about improvement tools.

The objectives of the 2nd Blue Swimming Crab FIP Managers Meeting are to:

1. Provide a platform where swimmer crab PIP managers can learn from each other and better work together moving forward
2. Discuss strategies for overcoming challenges and building successful FIP's
3. Discuss the importance of FIPs in the export marketplace
4. Provide training on FIP progress reporting including introducing a common reporting format on FIP Progress
5. Workshop the use of the Risk Based Framework and the Spawning Potential Ratio tools

Blue Swimming Crab is a key species of importance for the US market and offers the potential to improve livelihood benefits for coastal communities if the fishery can be managed effectively. FIP's have grown as a tool for fishery stakeholders to address environmental challenges. Their definition and implementation have evolved substantially since the idea was first developed and are now seen as a key requirement for buyers to source seafood products responsibly from fisheries that cannot immediately qualify for international sustainability standards

## APRI EXECUTIVE DIRECTOR WAS INVITED IN THE ANNUAL MSG MEETING IN MONTEREY BAY AQUARIUM, CALIFORNIA



Dr. Hawis Madduppa as APRI Executive Director was invited to participate in the annual MSG meeting in California USA. This event was held on November 13-14th , 2017 in Monterey, California USA. This invitation hosted by Seafood Watch to participate on a steering group for Seafood Watch called the Multi-Stakeholder Group (MSG), with a commitment to serve on the MSG run for a two year term.

The Seafood Watch Standards undergo regular review to ensure the latest science and best management practices are taken into account when conducting Seafood Watch assessments. The purpose of this meeting is to continue this review, as well as gather input from stakeholders in an effort to guide processes and strategies. Several important issues are discussed here such as the study of biodiversity and minimizing the impact of fisheries on the structure, genetic integrity and function of biota associations where fisheries take place. The MSG is the final decision-making body, with the main goal being approval of the final standards for publication. Members of the MSG must abide by and make decisions that adhere to the Seafood Watch Guiding Principles for Fisheries and Aquaculture.





**GOVERNMENT**



## INDONESIA ISSUED BSC FISHERY MANAGEMENT PLAN

The Government of Indonesia has issued a decree on Blue Swimming Crab fishery management plan, **SK MKP No. 70/KEPMEN-KP/2016**. The FMP on BSC in WPPNRI (Indonesian fishery management region) is intended to support resource management policies Rajungan in Indonesian region based government laws in fisheries. This FMP is used as direction and guidance for the Government, local governments, and stakeholders in the implementation of the management of fish resources and the environment in WPPNRI. Please feel free to download the decree in website [www.apri.or.id](http://www.apri.or.id)



## PHASE II WORKSHOP OF INITIATIVES SUSTAINABLE BSC MANAGEMENT



In order to continue the discussion about CARE (Comprehensive Assessment of Risk to Ecosystem) and PSA (Productivity Susceptibility Analysis) before, the Directorate Management of Fish Resources, Ministry of Marine and Fisheries (KKP) collaborated with Yayasan Bina Usaha Lingkungan (YBUL) and PT. Moores Rowland Bali held an event to discuss the results of CARE and PSA Analysis. This activity was held on 27 January 2017 in the building of Mina Bahari 2, the Ministry of Marine and Fisheries, Jakarta. Dr. Hawis Madduppa, APRI Executive Director and Miftahul Khair attended the workshop as part of the efforts for sustainability in Indonesia. This activity describes the results of CARE and PSA analysis at a workshop in Bogor before. This event is part of Initiative for The Sustainability Management of BSC in Lampung (Inisiatif Pengelolaan Perikanan Rajungan Berkekelanjutan – IPPRB).

## INITIATION OF COLLABORATIVE ESTABLISHMENT BSC MANAGEMENT COMMITTEE IN CENTRAL JAVA



In the framework of sustainability management of Blue Swimming Crab in Central Java Province, Marine and Fisheries Agency of Central Java Province (DKP Jawa Tengah) held a meeting to discuss the development and Follow-up Management Action Plans for BSC Sustainability in Central Java Province. This event was held on 6 February 2017 in Semarang, Central Java.

This event was attended by APRI (Dr. Hawis Madduppa, Miftahul Khair), Balai Besar Penangkapan Ikan – Semarang (Prof. Zarrohman), Balai Besar Budidaya Air Payau Jepara (Mr. Edi), Biro Infrastruktur dan sumber Daya Alam Sekda Prov Jawa Tengah, FPIK – University of Diponegoro / NF Crab Council –CSE (Dr. Abdul Ghofar), PT. Muria Bahari (Agung Pramono), PT. Sumber Mina Bahari (Ahmad Muqarrabin), PT. SMB (Umar Heru Laksono), PT. Pan Putera Samudra Rembang (Sigit), PT. Phillips (Nanang), Kasi Konservasi – West Madura and South Madura, Marine and Fisheries Agency of Central Java Province (Fendiawan, Sakinah R, Dewi), Sustainable Fisheries Partnership (Tita, Dessy, Rahmat Dani), Badan karantina dan pengendalian Mutu Tanjung Mas Semarang, Department of Marine and Fisheries Demak, Fishing harbor beach DKP Moro Demak, Central Java Province

Fisheries management is a very important aspect to be empowered. Fisheries management should ensure the quality, diversity guarantees for the next generation in accordance with national ideals. The high demand for crab in the market resulted in massive exploitation in nature so necessary to ensure the optimal management of those resources.



The purpose of the meeting is:

1. To discuss the latest developments regarding to the Work Plan Blue Swimming Crab Sustainable Management in Central Java Province and the process of forming the Governor's Decree to support the implementation.
2. To review and finish the Management Action Plans for BSC Sustainability according with developments including the issuance Decree of the Minister of KP regarding the Fishery Management Plan of Blue Swimming Crab in Regional Fisheries Management of the Republic of Indonesia (Ministerial Decree KP No.

70/KEPMEN-KP/2016) by representation of all stakeholders in the activities and Blue Swimming Crab fishery.

## INITIATIVE MEETING ACTION PLAN FOR BSC MANAGEMENT IN LAMPUNG



In the framework of the action plan management, APRI and Ministry of Marine and Fisheries (KKP) held a meeting on February 14, 2017 in Bogor, West Java. This event was attended by Dr. Hawis Madduppa as APRI's Executive Director and Bambang Arif Nugraha as APRI's Secretary. APRI has conducted collaborative research with some of the parties to produce the initial information that would be beneficial to BSC management policy in East Lampung.

APRI, Wilderness Market, a sisters company of Blue Star Nusantara in Lampung (. PT Siger Jaya Abadi) and SFP, has embarked on collaborative research in 2016 to collect information related to the collection of biological data, the collection of catch data, identification of fishing grounds, the location area of nursery (nursery ground) using satellites (GPS) and mobile phone-based information, traceability and evaluation program information exchange fishing gear (from gill nets into traps).



The expected outcome of this activity is the information about the catch per unit effort, the identification BSC spawning Location and fishing locations in East Lampung based on information from the data based on satellite and mobile phones, the basic database of collection fishery. And also Government support for Fisheries traceability program for the US market



## INITIATION OF COLLABORATIVE ESTABLISHMENT BSC MANAGEMENT COMMITTEE IN SOUTHEAST SULAWESI

In the framework of sustainability management of Blue Swimming Crab in Southeast Sulawesi, Marine and Fisheries Agency of Southeast Sulawesi (DKP Kendari) held a meeting to discuss the development and follow up management action plan for BSC Sustainability in Southeast Sulawesi Province. This event was held on Friday, March 10, 2017.



Fisheries management is a very important aspect to be empowered. Fisheries management should ensure the quality, diversity guarantees for the next generation in accordance with national ideals. The high demand for crab in the market resulted in massive exploitation in nature so necessary to ensure the optimal management of those resources.

The purpose of the meeting is to know the latest developments regarding the management of crabs in the Southeast Sulawesi Province, as well as discuss about sustainable crab fishery activities by representation of all stakeholders in the BSC activities.

## WORKSHOP ON MANAGEMENT PLANNING OF BLUE SWIMMING CRAB FISHERY IN LAMPUNG PROVINCE



APRI Executive Director attended invitation workshop on management planning of BSC fishery in Lampung Province. This activity is part of the Initiative for The Sustainability Management of BSC (IPPRB) implemented on 8-10 May 2017 in Bandar Lampung. IPPRB is a science-based participatory planning process in decision to making develop and implement fishery management of BSC. It is hoped that this activity will achieve local social and economic goals while ensuring long-term viability of the BSC populations. In this activity, Lampung Governor endorsed Lampung area as one of the pilot locations for sustainability of BSC fishery.

## WORKSHOP SOCIALIZATION OF CERTIFICATION SYSTEM IN FISH HANDLING TO SUPPLIER / COLLECTOR



In order to support certification system program to supplier/collector in make a good way of fish handling, so Quality Control Center, Fish Quarantine Agency, Quality Control and Fishery Product Safety (BKIPM-KKP), Ministry of Marine Affairs and Fisheries held a workshop in Semarang on

Mei 2017. This workshop was held in Balai Besar Pengembangan Penangkapan Ikan (BPPI Semarang). APRI also invited in this event. In this activity, APRI represented by Bambang Arif Nugraha as APRI Secretary. This certification system also to support traceability program on Blue Swimming Crab product in Indonesia. From this workshop expected to make a good certification system on supplier/collector for better management in future.

## SOCIALIZATION AND CERTIFICATION OF STANDARDS QUALITY PRODUCT IN MINIPLANT



In order to improve the guidance on the supply chain of blue swimming crab products to meet compliance with traceability requirements, the Directorate General for Product Strengthening and Competitiveness in cooperation with Indonesian Blue Swimming Crab Association (APRI) held an event Focus Group Discussion Socialization and Certification of Standards Quality Product in Miniplant. This event was

held on Monday, 5 June 2017 at Marine and Fisheries Service Medan, North Sumatra. This event was opened by Mr. Widodo Sumiyanto as Head of Quality Control Center, BKIPM and also gave a presentation about socialization of good ways of fish handling. "The system of quality assurance and security of fishery products is the prevention and control effort that must be observed and done from pre-production to distribution to produce quality and safe fishery products for human health", says Mr. Widodo. The participant of this event incuded from miniplant around North Sumatera Province, BSC stakeholder, and several representative from Marine and Fisheries Service Medan, North Sumatra

The traceability and documentation process under Control Document need to be implemented by all of the segments of the supply chain (started from collectors/cooking stations, miniplants and processors) in order to promote compliance to the new regulations and generate the records and documents of the supply chain application and verification of the new regulations. Special attention needs to be focused on the picking plants (miniplants) where the cooked crab is transformed into crab meat making not possible to verify the minimum landing size (*MLS*) and egg berried female (*EBF*) afterwards.



## ADAPTIVE FISHERIES MANAGEMENT TRAINING



In order to support the Indonesian government and IPPRB Lampung, Yayasan Bina Usaha Lingkungan (YBUL) and Environmental Defense Fund-Fisheries Solution Centre (EDF-FSC) held an training workshop called Adaptive Fisheries Management Training. This event was held on 19-21 Juli 2017 at Jakarta. The target of this workshop is the parties consisting of government representatives, secretariat of IPPRB Lampung team, IPPRB Lampung team and also invited the BSC expert to share the knowledge of the adaptive fishery progress, adjust the implementation in Lampung, and conduct training utilization. The IPPRB team itself now in step III that is Arrange Action Plan of BSC Management in East Coast Lampung. APRI was invited to this event and representatives by Bambang Arif Nugraha (APRI Secretary) and Miftahul Khair (APRI Admin). This event also simulate how to management the adaptive fisheries.

The purposes of this event is to improve the adaptive fishery management to be applied in IPPRB Lampung, strengthen and clarify the adaptive management to support the process of formulating the action plan of BSC fishery management in Lampung and also to support the management development of Indonesian fishery and its institutions. The expected result from this training is Knowing and understanding adaptive management processes, the participant could help IPPRB Lampung team and guide for the IPPRB Lampung development.

## COACHING CLINIC SOCIALIZATION OF FISHERIES MANAGEMENT INSTITUTIONS WPP NRI

In the framework of operationalization of fishery management institutions in 11 (eleven) territorial Fishery Management Areas of the Republic of Indonesia in 2017, the Directorate General of Capture Fisheries MMAF held a socialization event of Fisheries Management Institutions WPPNRI. This event was held on 27-28 July 2017 in Bogor. In this occasion, Dr. Hawis Madduppa (APRI Executive Director), Bambang Arif Nugraha (APRI Secretary) and Miftahul Khair (APRI Admin) was attended this event. The purpose of this event was to Inform and socialization the Fisheries Management of WPP NRI. On the first day was introduction the fisheries management, discussion with several group, and the last day was role play with simulation mechanism of Fisheries Management Institution WPP NRI and also sharing feedback.



## VISITATION OF THE DIRECTOR GENERAL OF CAPTURE FISHERIES TO LAMPUNG PROVINCE



The Director General of Capture Fisheries Ir. R. Sjarief Widjaja, Ph.D and Member of the House of Representatives Commission IV of Republic Indonesia has made a working visit to Lampung province on 13-14 August 2017. The working visit greeted by Regent of East Lampung and Head of Lampung Marine and Fishery Services. This activity was separated into 2 days.

On the first day, the director made a visit to East Lampung and have a meeting with Regent of Lampung Timur. Here also the handover of assistance and dialogue with stakeholders of East Lampung. On the second day, the director go to Bandar Lampung and PPI Lempasing. In Bandar Lampung, the Director was greeted by Governor of Lampung.

In his visit, The director conveyed the insurance related to the fisherman, he said that as many as 3000 people in eastern Lampung given JASINDO insurance free and borne by the government. The requirements must be a fishermen fishing card. If there is an accident then it should report a maximum of 1 month after the incident. This report should be known by the competent authorities. Other than that, Director of Fish Resources Management Ir. Reza Shah Pahlevi also added with the insurance it is expected that all fishermen, especially BSC fishermen will pay more attention to the sustainability of BSC.

## SOCIALIZATION OF GOVERNANCE REGULATION OF CENTRAL JAVA NUMBER 33 OF 2017



In order to Socialization of governance regulation of central java number 33 of 2017 about Management of lobster fishery, crab and BSC in central java, The Marine and Fishery Agencies conduct activities related to the socialization of governor regulations and the establishment of a team of fisheries management initiatives of lobsters, crabs and

sustainable BSC in Central Java province. This activity was conducted on 15 August 2017 at Marine and Fishery Agency Meeting Room in Central Java. In this opportunity, a few speaker was invited such as Director of Fish Resources, Director of BAPPENAS, Governor team's for accelerated development, KOMNASKAJISKAN, Indonesian Blue Swimming Crab Association, Sustainable Fisheries Partnership and also head of Central Java law firm. The KOMNASKAJISKAN presented about management of collaborative marquee fishery and its success in Central Java. In this activity also discussed about the final draft of action plan and mapping of the supply chain. Expected with this activity will be able to support the sustainability of the management of BSC in Central Java

## FOCUS GROUP DISCUSSION SOCIALIZATION AND CERTIFICATION OF QUALITY STANDARDS PRODUCT IN SOUTHEAST SULAWESI MINIPLANT



In order to improve the guidance on the supply chain of blue swimming crab products to meet compliance with traceability requirements, the Southeast Sulawesi Marine and Fishery Agency in cooperation with Indonesian Blue Swimming Crab Association held an event Focus Group Discussion Socialization and Certification of Quality Standards Product in Miniplant. This event was held on

Wednesday, 16 August 2017 at Grand Clarion Hotel, Kendari, Southeast Sulawesi. The participant of this event incuded from miniplant around Southeast Sulawesi Province, BSC stakeholder, and several representative from Southeast Sulawesi Marine and Fisheries Agency. This event was opened by Mr. Askabul Kahffi as Head of Southeast Sulawesi Marine and Fishery Agency. "Southeast Sulawesi is one of the largest BSC, Therefore, it is hoped that the mapping of supply chain will be more



complete, so that Southeast Sulawesi can be a supplier of both consumption and industrial fish. So it is necessary to have a high commitment to this BSC in order to survive longer in the future”, says Head of Southeast Sulawesi MFA. On this event, Southeast Sulawesi MFA also invited some speaker such as Simson Masengi from Directorate General for Product Strengthening and Competitiveness MMAF and Hafit Rahman from Southeast Sulawesi Fish Quarantine and Inspection agency. Mr. Simson present about Good way of fish handling (CPIB) and Mr. Hafit present about Certification of processing feasibility (SKP)

The traceability and documentation process under Control Document need to be implemented by all of the segments of the supply chain (started from collectors/cooking stations, miniplants and processors) in order to promote compliance to the new regulations and generate the records and documents of the supply chain application and verification of the new regulations. Special attention needs to be focused on the picking plants (miniplants) where the cooked crab is transformed into crab meat making not possible to verify the minimum landing size (*MLS*) and egg berried female (*EBF*) afterwards.

## WORKSHOP ON SOCIALIZATION OF SUSTAINABLE BSC FISHERIES MANAGEMENT PROGRAM



In order to strengthen the management of BSC fisheries as proclaimed in the Demak Regent No. 523/0166/2014, Marine Affairs and Fisheries of Demak district held a Workshop on Socialization of Sustainable BSC Fisheries Management Program. This activity is a collaboration with Faculty of Fisheries and Marine Science (University of Diponegoro), Indonesian Blue Swimming Crab Association (APRI) and Sustainable Fisheries Partnership (SFP). This workshop held for 2 days on 4-5 September 2017. The first day was held at the Marine Affairs and Fisheries of Demak meeting room by inviting representatives of factory and miniplant of BSC around Central Java area. The implementing team also conveyed related to sustainable crab fisheries management program.

On the second day, the workshop was held in LP2RL meeting room in Betahwalang, Demak Village by inviting the head of betahwalang village, head of LP2RL, religious leaders and representatives of BSC fishermen. Besides that, in this workshop also explain about enumerator training and PDS installation training. The expected output from this activity will support sustainable fisheries management program in Indonesia especially in East Java.



## FOCUS GROUP DISCUSSION SOCIALIZATION AND CERTIFICATION OF QUALITY STANDARDS PRODUCT IN MINIPLANT AT MADURA



In order to improve the guidance on the supply chain of blue swimming crab products to meet compliance with traceability requirements, the Pamekasan Madura Fishery Department in cooperation with Indonesian Blue Swimming Crab Association (APRI) held an event Focus Group Discussion Socialization and Certification of Quality Standards Product in Miniplant. This event was held on 14 September 2017 at Pamekasan Fishery Department Hall. The participant of this event included from miniplant around 4 regency in Madura (Pamekasan Regency, Sampang Regency, Sumenep Regency, and Bangkalan Regency). Other than that also present BSC stakeholder, and several representative from Pamekasan Fisheries Agency. This event was opened by Mrs. Nurul Widiastuti as head of Pamekasan Fishery Department. “As we know that BSC is one of the important export commodities after shrimp and tuna. the quality of the product must be important, besides traceability is also a consideration that needs to be done because the related origin of the product obtained. With this activity is expected the participants can discuss well so that the purpose of this activity can be achieved.” says Nurul.

On this event, also invited speaker such as Yiyik Windah from Field Processing and Marketing of Marine and Fishery Products (P3KP) Surabaya Marine and Fisheries Department and also Ferri Tahta Rohmin from Surabaya Fish Quarantine and Department Inspection (BKIPM). Mr. Ferri present about Good way of fish handling (CPIB) and Mrs. Yiyik present about Certification of processing feasibility (SKP) and also socialize about Ministry Regulation number 72 to the participant.





## FOCUS GROUP DISCUSSION SOCIALIZATION AND CERTIFICATION OF QUALITY STANDARDS PRODUCT IN MINIPLANT AT SURABAYA, EAST JAVA



Improvement program to BSC supply chain must be improved. In this case the Surabaya Marine and Fisheries Department in cooperation with Indonesian Blue Swimming Crab Association (APRI) held an event Focus Group Discussion Socialization and Certification of Quality Standards Product in Miniplant. This event was held on 15 September 2017 at Surabaya, East Java.

The participant of this event included from miniplant representatives and also present BSC stakeholder, and several representative from Surabaya Marine and Fisheries Department. This event was opened by Mrs. Juli Suarini from Surabaya Marine and Fisheries Department.

The speaker in this activity such as Yiyik Windah from Field Processing and Marketing of Marine and Fishery Products (P3KP) Surabaya Marine and Fisheries Department and also Ricat Pahlevy from Surabaya Fish Quarantine and Department Inspection (BKIPM). Mr. Ricat present about Good way of fish handling (CPIB) and Mrs. Yiyik present about Certification of processing feasibility (SKP) and also socialize about Ministry Regulation number 72 to the participant. Other than that from Mr. Kuncoro as Head of APRI also present about the new news from international fisheries. Secretary APRI Mr. Bambang present about the prospect and challenge in BSC Fishery Business with theme Perspective Impact of Fishery Regulation to BSC Business Opportunity. Dr. Hawis as Executive Director also present about Development of Fisheries Management of APRI BSC .



## APRI PARTICIPATED IN THE PEST CONTROL PROFESSIONAL CERTIFICATION INSTITUTE, DISEASE AND QUALITY OF FISH

In relation to the issuance of certificate of National Agency for Professional Certification (BNSP) number: BNSP-LSP-877-ID, the Center of System Standardization and Compliance BKIPM conducts board meetings and assessors Pest Control Professional Certification Institute, Disease and Quality of Fish (LSP-PHPMI). This activity was held on 2 October 2017 at the Ministry of Marine Affairs and Fisheries Jakarta. As for representatives from APRI who attended this activity that is



Miftahul Khair from APRI management data. In this activity there are several agenda discussed, among others:

1. Discussion of LSP-PHPMI stewardship
2. Preparing assessment of fish pest and disease control
3. As well as anything else that develops in the meeting

LSP-PHPMI has been licensed by the Decree of the Chairman of BNSP in August 2017, and has been received by BKIPM through the Steering Committee on September 18, 2017. APRI's Board is also listed as a board member of this institution such as Kuncoro Catur Nugroho as a member of the Steering Committee, Wita Setioko as a member of the Executive Board of the Controlling and Quality Assurance Committee, and Bambang Arif Nugraha as members of the Committee of Impartiality.

## APRI FOLLOW THE VISITATION OF PARTNER IN LAMPUNG PROVINCE

Bambang Arif Nugraha (APRI Secretary) got invitation to follow the visit of partner i.e. David and Lucile Packard Foundation and The Walton Family Foundation in Lampung Province. This event organize by Starling Resources (PT. Moores Rowland Bali) with YBUL – EDF to encourage the realization of sustainable BSC fisheries management in Lampung Province and also studying directly the bsc fisheries, opportunities, and challenges in the development of sustainable fisheries management models in Indonesia. This activity was held on October 11-12 and visit PT. Siger Jaya Abadi in East Lampung.



This visit generally aims to introduce BSC fisheries directly to our partners, from catch, landing to processing, to get suggestion for sustainable management of sustainable BSC fisheries. In general, to learn more about fisheries especially BSC fisheries in Lampung, how challenges and opportunities in sustainable management of BSC sustainability farming involving stakeholders ranging from fishermen, builders, mini plants and companies incorporated in the Sustainable Fisheries Management Initiative (IPPRB) Lampung. Specifically to see the supply chain of BSC fisheries starting from small fishermen, builders, mini plants and processing companies. Talking directly with direct stakeholder and local governments as regulators

## EVALUATION OF INTERNATIONAL EXHIBITION 2017 AND PARTICIPATION OF INTERNATIONAL EXHIBITION 2018

Director General Strengthening the Competitiveness of Marine Products and Fisheries (PDSPKP) Ministry of Maritime Affairs and Fisheries (MMAF) was held a meeting for Evaluation of international exhibition 2017 and participation of international exhibition 2018 on October 18, 2017 in meeting room PDSPKP-MMAF Jakarta. This activity is related to MMAF participation plan at international seafood exhibition 2018. Mrs. Innes Rahmania as Director of Processing and Quality Development PDSPKP-MMAF was opened this event. The participant include from several fisheries association and seafood company.



This activity also evaluate of international exhibition which has been implemented in several location around the world in 2017 such as Boston Seafood Exhibition (SENA) in North America. APRI itself always participate in Boston Seafood Exhibition (SENA) include the event in March 2017. Several evaluation discussed like exhibition booth location and participant from seafood company. PDSPKP-MMAF want to get the strategic location for next exhibition in 2018.

## COORDINATION MEETING OF FISHERIES MANAGEMENT COMMISSION IN WPPNRI 712, 713, AND 714



In the framework of operationalization of fishery management institutions in the territory of fisheries management of the republic of Indonesia (WPPNRI), Directorate General of Capture Fisheries (DJPT) and Directorate of Fish Resources Management (DPSDI) Ministry of Marine Affairs and Fishery (MMAF) held and coordination meeting of fisheries management commission in WPPNRI 712, 713, and 714. This activity was held on November 7, 2017 in MMAF meeting room, Jakarta. This event opened by Mr. Reza Syah Pahlevy as Director of Resources Management -MMAF. Several topics were discussed here such as related issues in management in the territory of fisheries management of the republic of Indonesia (WPPNRI). Expected

results from this activity can help manage the fisheries territory of Republic Indonesia in order to become better in the future.

## APRI INVITED TO DISCUSS DEVELOPMENT PLANNING BSC MINIPLANT

Directorat of Processing and Quality Development (PDSPKP-MMAF Jakarta) was invited APRI in meeting to discuss development planning BSC miniplant on November 16, 2017 in Jakarta. Several participant from government and seafood industry include APRI was invited in this event. This activity opened by Mr. Widya from PDSPKP-MMAF. He was hope the meeting output can help government especially PDSPKP-MMAF to get suggestion about better BSC Miniplant layout and meet the standards. Direktorat of Processing and Quality Development itself want to build a new BSC miniplant to be a pilot example for other BSC miniplant, previously also already implemented in Miniplant in Bangko Island, Southeast Sulawesi.



## REVIEW THE APPLICATION OF TRACEABILITY SYSTEM FOR FISH PROCESING UNIT (UPI) AND SUPPLIERS



Fish Quarantine Inspection Agency (BKIPM-MMAF Jakarta) was held an meeting to review the application of traceability system for Fish Processing Unit (UPI) and suppliers. This event was held on November 16-17, 2017 in GMB 2 Meeting Room MMAF Jakarta. Several Seafood industry around Indonesia also invited to this event. Mr. Bambang Arif

Nugraha (APRI Secretary) invited as speaker in this activity. He was present about APRI traceability program in Blue Swimming Crab Product. APRI itself has done several programs to support the traceability of BSC products such as enumeration in Miniplant, Control Document Program, System tracking with Pelagic Data System (PDS) because this program to assist responsible fisheries management. Product traceability is necessary to ensure the source of the products obtained. In addition, due to the imposition of Seafood Import Monitoring Program (SIMP) by the US in early 2018 then the traceability of the product will be very important to be a common concern for the small business entrepreneurs





**INDUSTRY**

## VMS INSTALLATION IN MADURA TO SUPPORT SUSTAINABILITY AND TRACEABILITY OF BSC FISHERY PRODUCT IN INDONESIA



APRI has been installed PDS System to several location in Madura on 17 May 2017. This activity was supported by Pelagic Data System (PDS) and assessing the supply chain in PT. Sumber Mina Bahari (SMB). The Vessel Monitoring System to support Tracking system on fishing boat. The movement of fishing boats can be known so that the location of catching and also the enumeration data can be synergized to get the catch per catch effort. So that sustainability and traceability of crab farming can be maintained.

The goals are to assess the data needs and opportunities of the Blue Swimming Crab (BSC) fishery and its associated supply chain in Madura, Indonesia and to help inform key stakeholders how to set up the Fisher Stewardship Program pilot to support implementation of the control document system. We are developing a BSC-specific ground-truthing data set to support the upcoming pilot work with the control document and fisher stewardship program, and observing and evaluating the current data flow, data handling, and data gaps within the existing supply chain. We will determine where and how PDS can fill gaps, and what developments may be required to fully integrate new data stream into the existing system in the most user-friendly manner possible.



## BSC ENUMERATOR TRAINING



Blue Swimming Crab / rajungan is one of the important export commodities in Indonesia. Areas of crab dispersal in Indonesia, among others, on the east coast of Sumatra, the northern coast of Java and Sulawesi. Therefore data collection becomes a very important aspect. Especially data related to the BSC Stock Assessment in the field. In addition there is also bycatch or Non Target Species (NTS) data collection. In collecting stock assessment data, some parameters will be recorded such as collecting biological data of crabs (size and weight of crab), gender observation, maturity level, collecting data of catch, and observation of crab morphology. Non-Target Species assessment research activities require the collection of reference data that is

appropriate, relevant and in accordance with scientific principles. The purpose of NTS data collection is to examine the by-catch of BSC fishermen based on location and fishing gear. This will in turn support the sustainability program being developed by APRI.

APRI therefore conducts Enumerator training to support this data collection activity. The training of enumerators was held on 20 October 2017 in Bogor. There are 9 enumerators from 9 different regions throughout Indonesia trained to record the Stock Assessment and NTS. The 9th enumerator will be placed in 9 locations spread throughout Indonesia. The training also invited speakers from BRPL-KKP Mrs. Tri Ernawati and from APRI Boards such as Mr. Bambang Arif Nugraha (APRI Secretary) and Dr. Hawis Madduppa (APRI Executive Director). It is expected that with this enumerator training will support APRI programs in the future.





## Acknowledgements

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