

DEVELOPMENT REPORT
THE RESULTS OF NATIONAL COORDINATION MEETING MANAGEMENT OF BLUE SWIMMING CRAB IN INDONESIA
Reported on: August 10, 2018

Background:

On February 27, 2018 at the Mina Bahari I Building, the Ministry of Marine Affairs and Fisheries held an Indonesian Blue Swimming Crab National Coordination Meeting which was officially opened and chaired by the Secretary General of the Ministry of Marine Affairs and Fisheries (MMAF), Ir. Rifky Effendi Hardjianto together with the Director General of Capture Fisheries and Director General of Strengthening Product Competitiveness. The meeting was attended by 110 participants consisting of Central Government (Head of Planning Bureau, Director of Processing and Quality Development, Directorate General of Aquaculture and related sub-directorates in KKP), Head of Jepara Brackish Water Aquaculture Center (BBPBAP), Marine Fisheries Service Provincial (Central Java, Lampung, East Java and Southeast Sulawesi), universities, industry (APRI - Indonesian Blue Swimming Crab Association and APRI member companies), NGOs, and fishermen representatives.

The meeting participants agreed to make the blue swimming crab as one of the superior commodities that must be developed in an integrated involving all stakeholders both at the central and regional levels, considering the achievement of export value in 2017 of USD 308 million placed blue swimming crab as the third commodities of fishery product exports

The development of blue swimming crab fisheries will be carried out through the Fisheries Improvement Program (FIP) approach that has been designed and launched by the Indonesian Blue Swimming Crab Association (APRI) since 2007 and is necessary to be further developed with the full support of the government and the international community for providing positive impact in improving the socio-economic of the fishing community, especially small fishermen and foreign exchange earnings.

The government views the needs to formulate an "umbrella program" of blue swimming crab fisheries at the Ministry of Marine Affairs and Fisheries by involving work units related to the scope of the Ministry of Marine Affairs and Fisheries as well as the Regional Government that produces blue swimming crab. The umbrella program must have been compiled starting in 2018, and will be carried out in 2019. The preparation of the umbrella program for the blue swimming crab fisheries will be followed up and coordinated by the Secretary General of the Ministry of Marine Affairs and Fisheries until the development of the blue swimming crab fisheries development program that is responsible in 2018 and its implementation begins at Year 2019. This "Umbrella Program" is expected to accelerate the implementation of the blue swimming crab National Fisheries Management Plan (RPP) which is set by the Decree of

the Minister of Marine Affairs and Fisheries of the Republic of Indonesia Number 70 / Kepmen-KP / 2016 concerning Management Plan for Blue Swimming Crab in the Fisheries Management Area of Republic Indonesia.

Below is the Action Plan proposed in the "umbrella program" and the progress of each component and its follow-up plan.

Program	Action Plan	Person in Charges	Location	Development progress	Following up	Time line
Preparation of Umbrella Development Plan for Indonesian Blue Swimming Crab Fisheries : Coordinator of the Planning Bureau, Secretary General Ministry of Marine Affairs and Fisheries						
a) Sub Program Stock Enhancement: Restocking/Stock enhancemnet. How to <i>restocking</i>	a. Determination of restocking areas	Research and development Centre ,Ministry Marine Affairs and Fisheries (MMAF) and Research Centre Marine Fisheries,	Jepara (Central Tengah)	APRI conducted restocking in Jepara on the first week of August 2018 , collaboration with Jepara Brackish Water Aquaculture Center (BBPBAP),	Responsible stock enhancement development which includes monitoring the impact and integrity of the blue swimming crab stock	2018-2022
	b. Determination broodstock areas	Directorate General Capture Fisheries (DJPT) (Directorate Fish Resources management and Directorate General Market and Product competitiveness (DG PRL), Local Government, APRI, NGO				
	c. The Existence system for egg berried female		<ul style="list-style-type: none"> • Betahwalang , Demak (Central Java) • Bangko island, Raha Barat district, Southeast Sulawesi 	1. Result FGD in Betahwalang, Demak there is a conservation areas for blue swimming crab Egg berried female initiated by community group - LP2RL and UNDIP 2. In Bangko island, miniplant owner (Lakii) build a conservation areas for the blue swimming crab egg berried female Miniplant		2018-2022

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				3. Fisher group in Jepara lead by Mustain , initiated conservation area consist of 45 fishers and with their own awareness, fishers have released EBF at that areas		
b) Sub Program BSC Aquaculture development BSC Intensify aquaculture	a. Polyculture activities	Marine and Fisheries research and Development- MMAF , Aquaculture Directorate, and technical Implementation Unit (UPT) a				
	b. Cultivation integrated (when and where)					
	c. Utilization of aquaculture pond					
c) Sub Program Blue swimming crab conservation	a. Established open closed system based on season and distribution areas	General Directorate PRL, Local Government , NGO				2018-2022
	b. Build BSC protection areas		Betahwalang, Demak (Central Java)	Establishment BSC conservation area in Betahwalng, Demak. Based on village community initiated (LP2RL) with help from UNDIP and NGO-SFP	Continuing initiating protection areas establishes and supported by science	

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d) Sub Program Research social and economy BSC fisheries		Marine and Fisheries research and Development- MMAF (Research and Development social economy)				
e) Sub Program Fisheries Improvement Program	a. Strengthening of local institutions and replication blue swimming crab sustainable management based on provincial, District and village characteristics by encouraging formation fishers cooperatives and facilitating the utilization of community business loan	Directorate General capture fisheries - DJPT (Directorate Fish Resource Management , Directorate fishing gear and boats, Directorate business development and fisher) , local government, NGO, APRI		Strengthening institutions at 4 Province 1. Lampung: Lampung Province has governor Decree signed by Lampung governor No 71/2017 regarding formation of BSC management sustainable fisheries initiative 2. East Java: Draft letter decree of Team BSC management formation in East Java Province. APRI -SFP- DKP East Java Province has held several meeting to follow up the drafting process 3. Central Java Provinsi	Continuing the implementation of management action plan BSC fisheries in each province APRI will conduct a pre- assessment on FMA 712 in 2018 supported by MSC through Fish For Good program	2018-2022

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				<p>Central Java Province has Governor regulation No 33/2017 regarding management of Lobster, Mud Crab and Blue Swimming Crab in Central java Province</p> <p>Governor Decree Central Java Province no 523/93 / 2017 according to the formation team facilitating of BSC management in Central Java Province /2017-2022</p> <p>4. Southeast Sulawesi Southeast Sulawesi Province has Governor letter Decree No 289/2017 according to the formation Committee of BSC management in SE Province and has formulate action plan which is currently progress for signing by the head of DKP</p>		

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				Southeast Sulawesi Province		
	b. Application of selective gear for blue swimming crab by determining minimum size of the mesh size gill net and use of trap					2018-2022
	c. Replacement of fishing gear to the environmentally friendly fishing gear that is adapted to the each own characteristic region (example : Demak-Central Java using square trap)			APRI has a program provide traps gear to the fishers in Jepara Central java Province, SFP and UNDIP has a program replacement trawl with traps		2018-2022
	d. Vessel registration small boats (PASS kecil) and Fishing Vessel registration records) and fishers card (KUSUKA)					2018-2022
	Preparation Harvest Strategy dan Harvest Control Rule.			APRI worked together with Marine Fish Centre and Development conducted stock assessment in several locations using length base data. Spawning Potential ration has been generated on		2018-2022

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				severa locations and will continue to be monitored .		
f) Sub Program Increase in quality and BSC export	a. Implementation traceability system and catch documentation by Control Document	Directorate Market competitiveness, Fish Quarantine and Quality bodies - BKIPM, local government		Letter Decree Director General according to the Steering Committee of traceability and catch documentation BSC fisheries Nomor 74 /kep - djpdspkp/2018		2018-2022
	b. Increased BSC export through stock enhancement by obtaining raw material supply with good quality and sustainable					2018-2022
	c. standardized BSC management at miniplant level and collectors level			APRI collaborated with MMAF and SFP to mapping miniplant in Indonesia until now there are 311 miniplants in 6 Provinces	Continue supply chain mapping miniplants and certification	2018-2022
	d. Developing Miniplant at port					2018-2022
g) Sub Program capacity building	a. There is a training on the utilization of BSC industry waste, connecting with the market or industries that utilize waste of BSC, Provision of waste milling	Marine and Fisheries research and Development- MMAF, local government , NGO				2018-2022

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	equipment and drying tools					
	b. Capacity building and involvement of fishermen in the process of managing fisheries resources, including organizing / institutional fishermen in the form of cooperative	Directorate General capture fisheries - DJPT (Directorate Fish Resource Management, University , NGO				2018-2022
h) Sub Program Supervision BSC fisheries Resources	Implementation traceability system and catch documentation by Control Document	Directorate Market competitiveness, local government		NFI Crab Council has announced the <i>Control Document</i> simultaneously on 1 st July 2018. APRI has held a refreshment training and Letter of Warranty must be submitting no later than September 2018. And Audit will be conducted in December 2018.		2018-2022
				Decree of the DG Market Competitiveness concerning the form of Steering Committee for the traceability and catch documentation system BSC fisheries No 74/kep-djpdskp/2018/2018	Integrate Control Document system into Health Certificate	2018-2022
i) Sub Program Data management	a. Data Collected (BSC activities , BSC season , BSC capture pattern) in	Indonesia data centre, Planning Bureau, (General	Gresik, Pamekasan, Pati, Lampung ,	Data collection by APRI's enumerator in several		2018-2022

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	synergy for the study of comprehensive BSC fisheries.	Secretary), Directorate General Capture Fisheries (DJPT), Directorate General Aquaculture DJA, Fish Quarantine and Quality bodies - BKIPM, NGO	Southeast Sulawesi , Madura, Betahwalang Demak	location (FMA 712) for <i>stock assessment</i> . Data collection by UNDIP's enumerator and SFP's enumerators in Betahwalang – Demak and Jepara .		
	b. Created map of the distribution BSC location based on the minimum landing size and egg berried female from scientific information and fisher communities		Lampung, Madura, Southeast Sulawesi, Demak	APRI worked together with SFP set up Vessel Tracking system device and underrated the tracking data with the daily landing data.		2018-2022
	c. Mapping of BSC industry (UPI) adjusted to the availability of the raw material stock BSC			Mapping miniplant carried out by APRI worked together with SFP with the aim identifying miniplant that has been certified or not in 6 provinces and this data provide to the Fish Quarantine and Quality bodies – BKIPM MMAF to support the certification program		2018-2022
	d. Strengthening data collection through landing report by collectors			APRI and SFP have conducted training for all APRI's member to fills the landing report and APRI also has a program electronic application in android APRI app		2018-2022
j) Cross related coordination ,						2018-2022

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fisheries, forestry and conservation in protecting mangrove forest as spawning areas for blue swimming crab						
k) Sub program Exemplary fishermen		Directorate General Capture Fisheries (DJPT), UNDIP		The application of Exemplary fishermen has been extended to Jepara (early 2018) and continue to Pati, Rembang and Lamongan	Continuing existing programs and ekstensification to other areas adaptively	2018-2022