



## Fisheries Improvement Program

### Indonesia Blue Swimming Crab Association (APRI)

2008 – 2016

[www.apri.or.id](http://www.apri.or.id)

Results/ FIP Stage	Indicator of Success	Specific Details	Date Acheived	List of Suppliers/Organiza tion	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 recommendat ions	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, universities, 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 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	28 June 2011	APRI, SFP, NOAA, Directorate of Fishery Resources (of Directorate General of Capture Fisheries of MMAF)	
		Directorate of Fishery Resources (of Ministry of Marine Affairs and Fisheries MMAF) hosted initial workshop to discuss the	28-30 March 2012	MMAF, APRI, SFP	Meeting Minutes

		development of the Blue Swimming Crab (BSC) Fishery Management Plan and start drafting the management plan.			
		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 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	April 2011	Directorate General of Fishery Products and Marketing of Ministry of Marine Affairs and Fisheries	Letter from DG of Fishery Products and Marketing, dated 27 April 2011.

		imposed by NFI Crab Council and encourage its implementation by crab exporters, processors, and miniplants.			
		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 Takalar, South Sulawesi), APRI conduced a stock enchancement program by releasing 100.000 juvenile crabs.	December 2011	APRI, BBAP Takalar	APRI Fact Sheet

		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 APRI's enumerators/observers.	22 October 2012	APRI, P4KSI, SFP	Stock Assessment 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. First	29-Mar-12	MMAF	Firs Draft RPP Rajungan

		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 Management Area (WPP-NRI)	March 2013	The Directorate of Fishery Resources- SDI of MMAF	Minister Regulation No. 29 of 2012
		The first	Anril 2013	Sultra Province	The head of Fisherv

		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		MMAF, IMACS	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 (Brebes, Demak, Jeneponto, and Bone).	April 2013	BBPI-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	May 2013	MSC, IMACS	

		new FIP and MSC latest protocols			
		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	June 2013	APRI, MMAF	

		partnership of fisheries sustainability program			
		Bupati, the head of Demak Regency met blue swimming crab stakeholders of Betahwalang village, fisher groups, UNDIP, APRI and NFI Crab Council representatives. Community based fishery management is officially launched in Demak	July 2013	APRI, UNDIP, Bupati Demak, NFI Crab Council	
		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-	10 Oct	IMACS	<a href="http://www.imacsindon">http://www.imacsindon</a>

		IMACS for SPR Data management signed	2013		<a href="http://esia.com/v5/index.php/en/">esia.com/v5/index.php/en/</a>
		Workshop for Enumerator Data Collection and Stock Assesment	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	3/3/2014	IMACS/APRI	

		controls in Kendari			
		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	April	SFP/APRI	

		trial in Madura and Kendari			
		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 roundtable meetings since 2009	Regular meetings	APRI	
		NFI Crab Council meeting at Boston Seafood Shows to discuss the BSC fishery improvement project.	March 2010, March 2011, March 2015	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	

Updated by Dr. Hawis Madduppa/APRI Executive Director