

# APRI

## *Annual Report*

2018 - 2020

**Sustainable  
Traceable**





# PREFACE

**Assalamu'alaikum wr.wb.**

All praise and thanks be to Allah, the One True Almighty God. we would like to express our gratitude to all APRI members that they have been entrusted with holding the mandate of Ladies and Gentlemen in the Management of APRI for the 2018 - 2020 Period.

In carrying out this management there are 2 (two) main programs in the Management. The first program is the management and members together discussing and finding solutions to problems in the business sector, whether related to issues on the part of the buyer, the US government, KKP regulations, or other issues. Meanwhile, the second program is related to the sustainability program which we usually know as FIP (Fisheries Improvement Programs). These two main programs are interrelated and cannot be done separately.

In the 2018 - 2020 stewardship period, there was an increase in the number of 4 new members from 12 to 16 members. It can be said that of these 16 members have contributed 85% of the total tonnage of exports to the USA market. During the period Jan-Aug 2020 Urnerbarry recorded imports of pasteurized BSC from Indonesia totaling 18,231,669 Lbs or around 8,277,177 Kg crab meat equivalent to 1,034,647 Kg / month or 58 containers / month departing from several Indonesian ports to the USA . Meanwhile, last year with the same period, namely during the period Jan - Aug 2019 Urnerbarry recorded USA imports amounting to 16,390,694 Lbs or around 7,441,375 Kg from Indonesia. This tonnage is equivalent to 930,172 kg / month or 52 containers / month. So there is an increase of 11.5%.

Meanwhile, the largest contribution of USA pasteurized crab meat imports was from Indonesia, which was around 54.23%. Venezuela is in second place, namely 11.5%. If the estimated average price is USD 9.00 / Lb, the value of Indonesia's exports will be IDR 2.4 trillion up to August 2020. With the extrapolation of the average, it is expected that around 3.8 to 4.0 trillion rupiah in 2020 will be achieved.

Some environmental observers are concerned about the catch of small crabs (Blue Swimming Crab / BSC) in WPP 712 Java Sea. This is only natural because it only looks at picking activity along the coast of Java. The peeling process requires excellent skills, speed, accuracy, water availability and a clean culture in the Mini Plant. However, actually the raw material for crabs is caught with Bubu by fishermen other than WPP 712 as well as from WPP 711 and 713. Some of them are even brought to Java Island. If the export equates to 1 million kg of export meat, it is equivalent to 4,000,000 kg or 4,000 tons / month of fresh crabs that are caught or the equivalent of 133 tons / day.



**KUNCORO CATUR NUGROHO**

**APRI CHAIRMAN 2018 -2020**



# PREFACE

However, a lot of encouraging evidence. **First** from the scientific research results of APRI enumerators who are located along the central gate to catch small crabs has been presented by Dr. Hawis Madduppa in various regional and national events shows that the majority of crabs caught are > 10 cm and the percentage of crab catches is decreasing.

**Second** that FisheryWatch, an independent international body, assesses that the Indonesian Rajungan FIP guided by APRI received an A for 4 consecutive years. **Third**, starting in the second semester of 2020 during a pandemic, the sales of Indonesian pasteurized crabs decreased so that the crabs as living creatures could reproduce better. **Fourth**, fishing for small crabs is still in the western part of Indonesia, while eastern Indonesia has the potential to be developed for the empowerment of the people's economy. **Fifth**, the crab cultivation aspect is still in the middle of the road. Cultivation of crab, lobster and shrimp is growing very rapidly. We believe Inshaa Allah, in turn, the crab cultivation will soon be in front of us. We must not be late from other countries that continue to do cultivation technology engineering.

The five points above must be managed properly by APRI together with stakeholders, namely the Central / Provincial / Regency Government, Research Institutions, Institutions / Universities, Suppliers / Mini Plants, Fishermen, Employees and all related parties. By uniting together into a complete unity, the program of nature preservation and business sustainability can be balanced and improved.

Such is the foreword in the APRI Management Accountability Report for the 2018-2020 period which ends today. In addition to the APRI Activity Report, we also convey the organization's Financial Report which is delivered in a strict manner.

Hopefully the management in the future can be better than the current management. The achievement of MSC certification is in sight, the available funds are still adequate, but it needs explanation & transparency in managing MSC International Standards and is fairly accepted by APRI members. Hopefully the beginning of the first semester of next year in 2021, Insha Allah, we will achieve it.

We, on behalf of all APRI administrators for the 2018-2020 period, would like to apologize if there are things that are less damaging to members.

We would like to thank all those who supported APRI's activities during this period, namely all members of APRI, NFI Crab Council, Ministry of Marine Affairs and Fisheries, Ministry of National Development Planning/National Development Planning Agency (Bappenas), Global Marine Commodities (GMC), United Nations Development Programme (UNDP), Sustainable Fisheries Partnership (SFP), Environmental Defense Fund (EDF), Starling Resources, Agency of Marine Affairs and Fisheries of Lampung Province, Agency of Marine Affairs and Fisheries of Central Java Province, Agency of Marine Affairs and Fisheries of East Java Province, Agency of Marine Affairs and Fisheries of Southeast Sulawesi Province, Agency of Marine Affairs and Fisheries of West Java Province, various universities including IPB University, Diponegoro University (UNDIP), Brawijaya University (UB), Halu Oleo University (UHO), University of Lampung (UNILA), Trunojoyo Madura University (UTM), and various parties that we cannot mention one by one.

Wassalamualaikum wr. wb.

**Surabaya, 19 December 2020**





## About us,

**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.





# Table Of Content



**1** ABOUT US



**3** APRI  
MILESTONE



**5** APRI BOARD



**6** APRI  
MEMBER



**9** APRI 2018-  
2020



**46** NEWS



**52** FIP ACTION

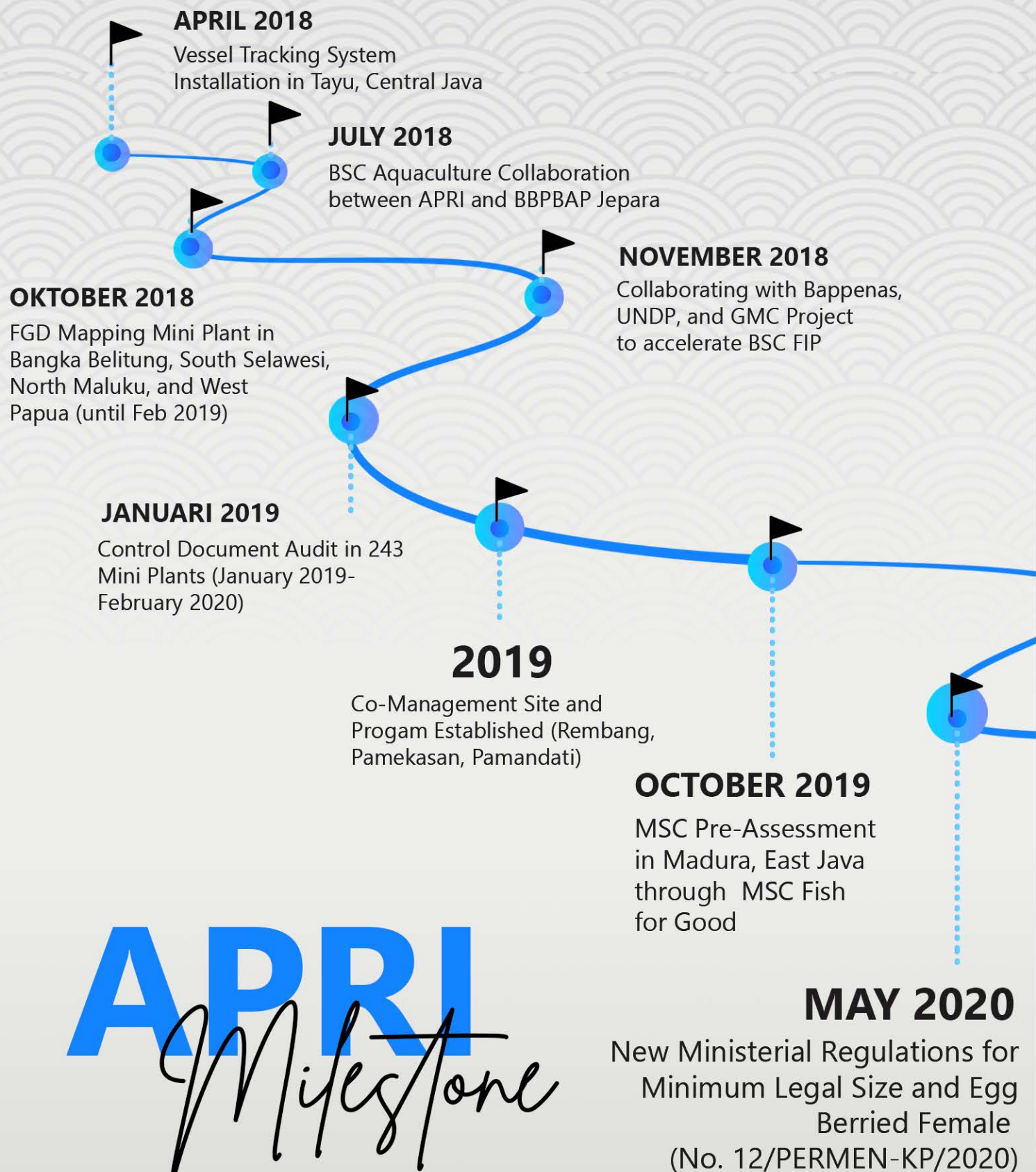


**66** FIP  
SUMMARY



**68** INFOGRAPHIC





# APRI

*Milestone*

## 2018-2020



# APRI

*Milestone*

## 2018-2020

### MARCH 2019

Blue Swimming Crab  
Harvest Strategy  
Launched by  
Minister of Marine  
Affairs and Fisheries

### APRIL - JUNE 2020

Solidaritas Rajungan APRI  
to help the BSC Supply Chain  
in COVID-19 Pandemic

### NOVEMBER 2020

Pagagan (Pamekasan) Village  
Regulation related to BSC  
Management has been Issued

### JULY 2020

Gerakan Tangkap Kembalikan  
Sebelum 5 Menit (GTK5!)  
Launched in Pamekasan



# APRI BOARD



**KUNCORO CATUR NUGROHO**  
CHAIRMAN



**BAMBANG ARIF NUGRAHA**  
GENERAL SECRETARY



**WITA SETIOKO**  
TREASURER



**DR HAWIS MADDUPPA**  
EXECUTIVE DIRECTOR



**AIK WULANDARI**  
AMBASSADOR



**ARIE PRABAWA**  
STOCK ENHANCEMENT & AQUACULTURE



**WAANTO**  
RE STOCKING PROGRAM



**HENDRO WIBOWO**  
RE STOCKING PROGRAM

## APRI STAFF



**Susi Awaliyah**  
Office & Data  
Management



**Ridho Zulfikar W.**  
Community Organizer  
Rembang



**Afsah Indah M.**  
Field Staff & Enumerator Gresik



**Ayu Ervinia**  
Science &  
Data Analyst



**Lailatul Qomariyah**  
Community Organizer  
Pamekasan



**Farhan Ramadhan**  
Field Staff & Enumerator  
Pamekasan



**Azhar Slamet**  
Co-Management &  
FIP Program



**Nur Arofah**  
Field Staff & Enumerator  
Pemalang



**Muhamad Cardin**  
Field Staff & Enumerator  
Konawe Selatan



**Dicky Darmawan**  
Public Awareness & Media  
Communication



**Kamal Mustabiq**  
Field Staff & Enumerator Pati



**Muh. Welis**  
Field Staff & Enumerator  
Pangkajene dan Kepulauan



**Mohamad Bagus Satria**  
Fishery Progress &  
Public Relation



**Rasyid Prasetyo**  
Field Staff & Enumerator  
Rembang

# APRI Member



PT SUMBER MINA BAHARI





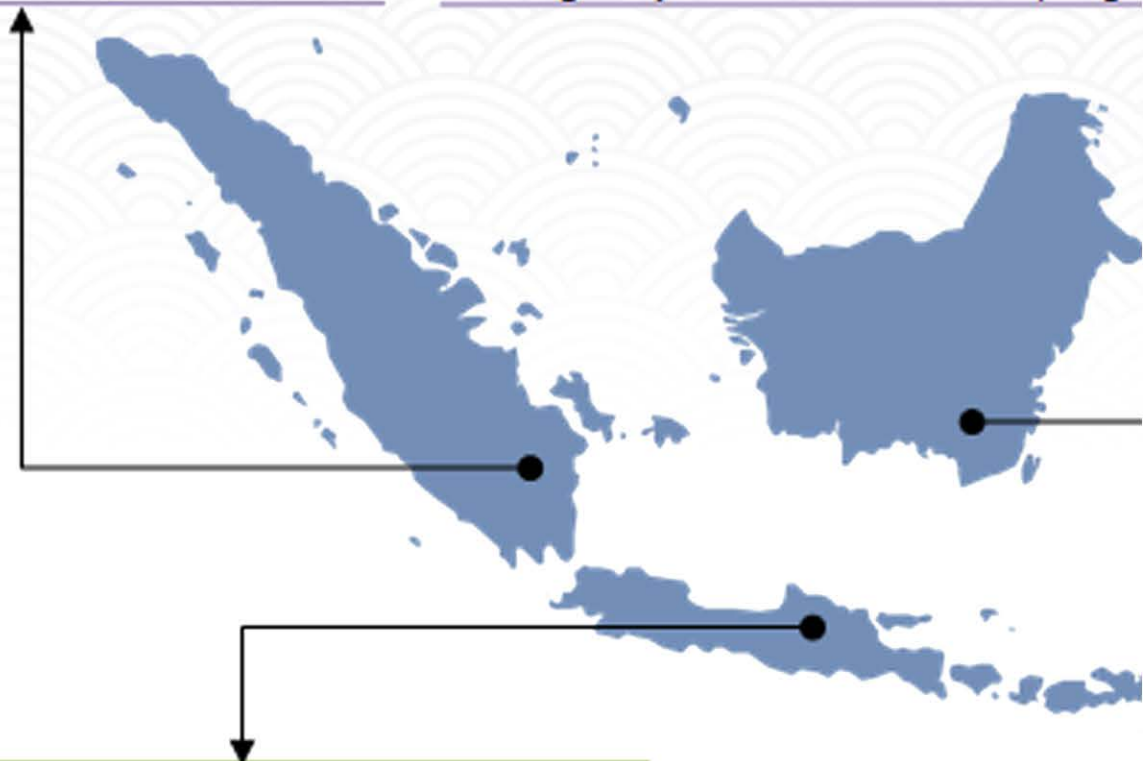
# BSC PROCESSOR PL

## SUMATERA

- |                              |       |
|------------------------------|-------|
| 1. PT Mutiara Laut Abadi     | Medan |
| 2. PT Toba Surimi Group      | Medan |
| 3. PT Medan Tropical Canning | Medan |
| 4. PT Bumi Menara Internusa  | Medan |

## 5. PT Phillips Seafoods

- |                             |         |
|-----------------------------|---------|
| Indonesia                   | Lampung |
| 6. PT Bumi Menara Internusa | Lampung |
| 7. PT Siger Jaya Abadi      | Lampung |
| 8. PT Siger Jaya Sentosa    | Lampung |



## JAVA

- |                                  |                |
|----------------------------------|----------------|
| 1. PT Kelola Mina Laut           | Cikande-Serang |
| 2. PT Fresh On Time Seafood      | Bogor          |
| 3. PT Pan Putra Samudra          | Cirebon        |
| 4. PT Bumi Menara Internusa      | Cirebon        |
| 5. PT Kemilau Bintang Timur      | Cirebon        |
| 6. PT Karya Persada Khatulistiwa | Indramayu      |

- |                        |
|------------------------|
| 7. PT Phillips Seafood |
| 8. PT Bahari Mulia U   |
| 9. PT Guna Citra Kar   |
| 10. PT Muria Bahari    |
| 11. PT Pan Putra Sar   |
| 12. PT Sumber Mina     |
| 13. PT Morenzo Aba     |

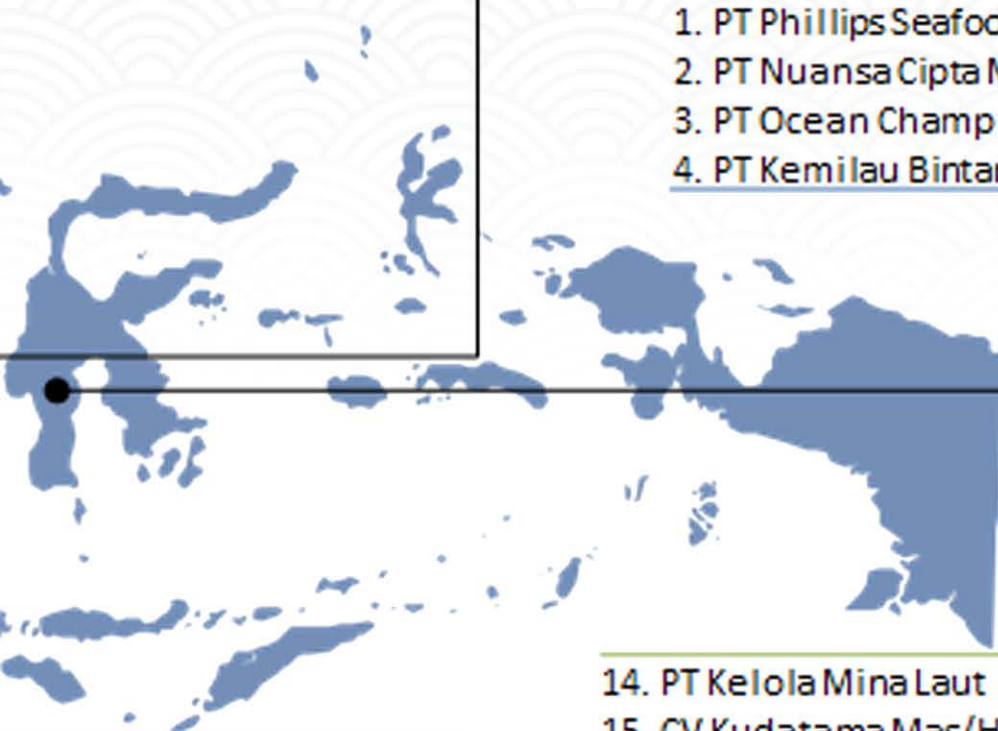
# ANT IN INDONESIA

## KALIMANTAN

1. PT Fresh On Time Seafood Pontianak
2. PT Fresh On Time Seafood Banjarmasin

## SULAWESI

1. PT Phillips Seafoods Indonesia Pare-pare
2. PT Nuansa Cipta Magello/PCA Makassar
3. PT Ocean Champ Seafood Makassar
4. PT Kemilau Bintang Timur Makassar



5. PT Fresh On Time Seafood Indonesia Pemalang
6. PT Fresh On Time Seafood Indonesia Semarang
7. PT Fresh On Time Seafood Indonesia Jepara
8. PT Fresh On Time Seafood Indonesia Kudus
9. PT Fresh On Time Seafood Indonesia Rembang
10. PT Fresh On Time Seafood Indonesia Rembang
11. PT Fresh On Time Seafood Indonesia Demak

14. PT Kelola Mina Laut Gresik
15. CV Kudatama Mas/Handy Gresik
16. PT Graha Makmur Cipta Pratama Gresik
17. PT Bumi Menara Internusa Surabaya
18. PT Nirwana Segara Sidoarjo
19. PT Phillips Seafoods Indonesia Pasuruan
20. PT Maju Bersama Karib Pasuruan
21. PT Rex Canning Pasuruan





# APRI ON 2018 - 2020





## Year-End Quarterly Meeting and APRI National Conference 2018

APRI organized the Year-End Quarterly Meeting on December 22-23, 2018 at Santika Premiere Hotel, Surabaya. This activity invited every members of APRI, Dr. Abdul Ghofar as a representative of NFI Crab Council Indonesia.

APRI also organize the APRI National Conference 2018 that indicates the end of previous board and the formation of APRI Board for 2019-2020 period and agreed that the 2016-2018 APRI Board asked to continue the management so that the APRI Board for 2019-2020 Period is same with 2016-2018 Period, that is:

1. Mr. Kuncoro C. Nugroho | Chairman
2. Mr. Bambang A. Nugraha | General Secretary
3. Mr. Wita Setioko | Treasurer
4. Dr. Hawis Madduppa | Executive Director
5. And adding several field to develop APRI organization which is discussed later.







## 2nd APRI Youth Innovation

FIP requires extensive research assistance and knowledge for the needs of appropriate management steps. APRI invites universities to be invited to support this activity. To support this activity APRI through APRI Youth provides opportunities for students throughout Indonesia to be able to propose research ideas related to crab fisheries in Indonesia.



## Blue Swimming Crab Harvest in Silvofishery Pond at BBPBAP Jepara

Blue swimming crab aquaculture has been done by collaborating with BBPBAP Jepara. This aquaculture activity has been implemented since July 2018. After several month of aquaculture, blue swimming crab aquaculture in silvofishery pond were harvested on January 27, 2019 at BBPBAP Jepara. This blue swimming crab harvest attended by APRI Board and several members of APRI.



## Towards the Sustainable Blue Swimming Crab Fisheries in West Java

The meeting that was held on December 14, 2018 at the Agency of Marine Affairs and Fisheries of West Java is the first formal meeting which has the goal to see the collaboration potential towards sustainability blue swimming crab fisheries management in West Java. Through this meeting, the sustainability blue swimming crab fisheries management will be conducted with governance and value chain approach. The government will play a major role in governance-based approach while the industrial sector will encourage sustainable fisheries through the obedience of blue swimming crab fisheries businessman along the blue swimming crab fisheries value chain.





## Blue Swimming Crab Fisheries Management Committee Meeting in Southeast Sulawesi

Blue swimming crab fisheries management need to be done collaboratively. As an action to implement the Governor's Decree No. 289 of 2017 about the Formation of blue Swimming Crab Fisheries Management Committee in Southeast Sulawesi, Agency of Marine Affairs and Fisheries of Southeast Sulawesi in collaboration with APRI organize the Meeting of Blue Swimming Crab Fisheries Management Committee in Southeast Sulawesi on December 18, 2018 in Kendari, Southeast Sulawesi.



## The Meeting to Follow-Up the Implementation of Blue Swimming Crab Fisheries Management Priority Action Plan in Southeast Sulawesi

Marine Affairs and Fisheries Agency of Southeast Sulawesi facilitates a small meeting on January 24, 2019 which involving the Marine

Affairs and Fisheries Agency of Southeast Sulawesi Team, Sub Directorate of Inland Sea, Territorial, and Island Waters the Ministry of Marine Affairs and Fisheries, APRI, SFP, and NFI Crab Council to discuss the implementation of action plan that was arranged at stakeholder meeting on December 18, 2018 in Kendari. The discussion result is assign the Pamandati Village as pilot blue swimming crab village and priority program in 2019.



## The Meeting to Follow-Up the Implementation of Blue Swimming Crab Fisheries Management Priority Action Plan in Central Java Province

A collaboration to manage the blue swimming crab is very needed. As a follow-up for that reasons, Central Java Province has done several steps and on February 4, 2019, organize the program namely The Meeting to Follow-Up the Implementation of Blue Swimming Crab Fisheries Management Priority Action Plan in Central Java Province which conducted at Marine Affairs and Fisheries Agency of Central Java Province, Semarang.





### **Determination of the Location of the Priority Action Plan for the Rajungan in Central Java to be carried out in 2019**

Agency of Marine Affairs and Fisheries of Central Java Province organize the Location Determination of Blue Swimming Crab Priority Action Plan that will be carried out in 2019 on February 21, 2019 at the Agency of Marine Affairs and Fisheries of Central Java Province in Semarang, as a follow-up from the meeting which held on February 4, 2019. On this occasion, also officially changed the name of the room at the Agency of Marine Affairs and Fisheries of Central Java Province, where the name Cantrang Room was changed to the Rajungan Room.



### **Public Consultation of Technocratic Script of RPJMN 2020-2024 on Marine and Fisheries Field**

APRI participated in Public Consultation of Technocratic Script of RPJMN 2020-2024 on Marine and Fisheries Field. This activity held on February 25, 2019 at DH 1-2 Meeting Room of Bappenas Main Building, Central Jakarta. This public consultation held related with the finalization of technocratic script preparation of National Medium-Term Development Plan/Rencana Pembangunan Jangka Menengah Nasional (RPJMN) of 2020-2024.



### **Document Material Preparation of Blue Swimming Crab Harvest Strategy in WPPNRI**

Dit. PSDI and APRI organize the Document Material Preparation of Blue Swimming Crab Harvest Strategy in WPPNRI, which held on December 17, 2018 at Alana Hotel Sentul, Bogor. This activity is a part of the blue swimming crab harvest strategy document preparation which is an importance step that functions as operational complement for a blue swimming crab Fisheries Management Plan/Rencana Pengelolaan Perikanan (RPP) that being the adaptive management cycle.





### **Focus Group Discussion: Mapping Miniplant of Blue Swimming Crab in West Papua Province**

SKIPM Sorong collaborating with Bappenas, UNDP, and APRI try to develop the knowledge about the good utilization of blue swimming crab, and also to fulfill the government regulations and market requirements, especially to verificate and mapping miniplants, synergy and understanding the CPIB and SKP certification process through the Focus Group Discussion: Mapping Miniplant of Blue Swimming Crab in West Papua Province which was held on February 7, 2018 at Swiss-Belhotel, Sorong.



### **Second Meeting of Preparation of Blue Swimming Crab Fisheries Harvest Strategy Document in Indonesia**

Directorate of Fish Resources Management Ministry of Marine Affairs and Fisheries and APRI organize the Second Meeting of Preparation of Blue Swimming Crab Fisheries Harvest Strategy in Indonesia which conducted on February 19, 2019 at Santika Hotel, Bogor. This program as a follow-up from the previous program that is Document Material Preparation of Blue Swimming Crab Harvest Strategy in WPPNRI, which held on December 17, 2018 at Alana Hotel Sentul, Bogor. Many stakeholders are included in this activity, such as from the government, association, university, and NGO. Representatives from several members of APRI also attended such as Mr. Waanto and Mrs. Aik Wulandari.



### **Blue Swimming Crab Seeds Restocking Hatchery Results from BPAP Takalar**

PT Kemilau Bintang Timur as APRI Member and BPBAP Takalar held the Blue Swimming Crab Seeds Restocking Hatchery Results from BPBAP Takalar on February 20, 2019. This program started by several statements from invited guests and continued by symbolic handover of blue swimming crab seeds. The restocking of blue swimming crab seeds, carried out in the Kuri Caddi Waters, South Sulawesi Province.





### Control Document Audit

After various socialization and training on Control Document was carried out, APRI is currently conducting the Control Document Audit where all of APRI members and miniplants who have been registered will be audited by the APRI Auditor Team. This audit activity was held on January 22, 2019 where the schedule for each member of APRI and its miniplants was determined. Starting from the commencement of this audit, several APRI members and miniplants have been audited, and scheduled audits for all of APRI members and miniplants will be completed by the end of February 2019.

### Seafood Expo North America (SENA) /Boston Seafood Show 2019

Seafood Expo North America (SENA)/Seafood Processing North America/Boston Seafood Show is a leading trade event for seafood buyers in every market category including retail, restaurant, catering, food service, and processing. In the SENA 2019 which was conducted on March 17-19, 2019, APRI has opportunity to attend this activity. During SENA, the Annual Meeting of National Fisheries Institute (NFI) Crab Council was successfully held in Boston. About sixty attendants coming from seafood buyers (members of NFI Crab Council), NGOs, APRI members, universities, etc.

Dr. Hawis Madduppa as Executive Director of APRI, has delivered the progress of Fisheries Improvement Program (FIP) for Indonesian Blue Swimming Crab.







### APRI 1st Quarterly Meeting in 2019

APRI organized the first quarterly meeting which held on April 6, 2019 in Akmani Hotel, Jakarta. There were FIP information update, information from NFI Crab Council, and workshop namely "Thermal Process Validation in Blue Swimming Crab Pasteurization Industry as a Fullfilment of United States Food and Drugs Administration Compliance" by Prof. Purwiyatno Hariyadi from IPB University.



### National Inception Workshop on ISLME National Program

APRI participates the National Inception Workshop on ISLME National Program: Alignment, Measures, and Effectiveness; and Indonesia National Project Steering Committee (NPSC) Meeting. This program organized by Ministry of Marine Affairs and Fisheries, collaborating with FAO and GEF conducted on March 5-6, 2019 at the IPB International Convention Center Hotel, Bogor.



### 2nd APRI Youth Innovation Announcement

APRI announcing the selected proposals for 2nd APRI Youth Innovation. There are 6 proposals which are selected after several selection processes. The proposals which are selected come from 4 universities namely Samudra University, Bengkulu University, Trunojoyo Madura University, and Brawijaya University.



### APRI Share about the Blue Swimming Crab Fisheries Management

APRI represented by Bambang A. Nugraha share about the management BSC fisheries including the harvest strategy, in the Preparation of Grouper and Snapper Harvest Strategy Document in West Nusa Tenggara which was organized by Directorate of Fish Resources Management collaborate with Wildlife Conservation Society (WCS) which held on March 19, 2019





### **The Meeting of E-Mitra SDI Development**

APRI participated in the Meeting of the Developing of Management Information System or the Fish Resources Data Integration (E-MitraSDI), which was held at the Mina Bahari II Building, KKP, Jakarta on May 13, 2019. In this meeting, a progress update on the development of E-MitraSDI was delivered and presentations and discussions about operational data sets for fish catching.



### **Blue Swimming Crab Fisheries Documentation and Traceability Committee Meeting**

On April 22, 2019, the Blue Swimming Crab Fisheries Documentation and Traceability Director Committee conduct the meeting to evaluate the implementation of control document and traceability system of Indonesian blue swimming crab product to meet the importing country demand and fulfillment of blue swimming crab mini plant certification.



### **The Follow-Up of BSC Data Consolidation in FMA 712**

APRI participated in the Follow-up of BSC Data Consolidation in the FMA 712 on May 9, 2019. This activity was a follow-up to the activities carried out on April 18, 2019 related to the consolidation of BSC fisheries data as material for determining the Reference Points and Target Reference Points in operational objectives and fisheries performance indicators of the BSC fisheries harvest strategy document in FMA 712.



### **Socialization and Advance Preparation of BTKI 2022**

Preparation of the Indonesian Customs Tariff Book/Buku Tarifi Kepabeanan (BTKI) 2022 which was organized by the Directorate General of Strengthening Competitiveness of Marine and Fisheries Products, May 21-22 2019 at The Margo Hotel, Depok City.





## Synergy and Harmonization of Activities of the General Directorate of Capture Fisheries and Partners

APRI represented by Dr. Hawis Madduppa attended the meeting in the context of synergy and harmonization of activities of the General Directorate of Capture Fisheries with Working Partners of the Ministry of Marine Affairs and Fisheries, located at the Mina Bahari II Building, MMAF on 28 May 2019. This meeting was lead by the General Director of Capture Fisheries, with participants from the association and NGO



## FGD to Strengthening the FMA Institutions

APRI participated in Focus Group Discussion related to the implementation of the FMA Institutional Strengthening Policy Analysis Research Activity,

June 13, 2019 at the Brondong Nusantara Fisheries Port Meeting Room, Lamongan. This activity includes discussions on various aspects of fisheries and marine affairs ranging from socio-economic, environmental, to institutional aspects itself to strengthen the FMA institutions.



## Cirebon Field Visit

Blue Swimming Crab Fisheries Management Preparation Team was conduct the field visit to City of Cirebon and District of Cirebon. The field visit was conducted on March 12-14, 2019. The activities is including the visit to the government such as BKIPM Cirebon and PPN Kejawanan, and the industries such as PT Pan Putra Samudra, and miniplant and fishermen in the Bondet and Martasinga Village.





### Blue Swimming Crab FIP Field Visit

APRI and partners visit several partners and supply chain in BSC fisheries such as in Central Java and East Java. The field visit participated by various parties such as Mr. Stuart Green from Walton and Packard Foundation, Dr. Jeremy Prince as a fisheries expert from Australia that develop the Spawning Potential Ratio (SPR), APRI, Sustainable Fisheries Partnership (SFP), and Diponegoro University.



### FGD on Gender Mainstreaming in the GMC Projects

Dr. Hawis Madduppa delivered the Fisheries Improvement Program (FIP) and the BSC fisheries gender profile in the Focus Group Discussion on Gender Mainstreaming in the Global Marine Commodities Project located at Double Tree by Hilton Central Jakarta, May 29, 2019. This activity was supported by Bappenas and UNDP Global Marine Commodities with intended to provide input for gender mainstreaming in the implementation of accelerating the improvement of pole and line tuna and blue swimming crab fisheries towards ecolabel.



### The Meeting of Blue Swimming Crab Fisheries Management Committee of Lampung Province

Second meeting of KPPRB was held in Bandar Lampung on April 22-23, 2019. In this opportunity, APRI represented by Bambang A. Nugraha delivered a material about the Blue Swimming Crab Production vs Market. And in the executive committee meeting,





### **Coordination to Harmonize the BSC Fisheries Program in East Java**

APRI, Agency of Marine Affairs and Fisheries of East Java Province, Brawijaya University, and the Sustainable Fisheries Partnership held a coordination meeting on the management of BSC fisheries in East Java on June 14, 2019 at Harris Hotel, Surabaya. This is in order to coordinate and harmonize the blue swimming crab fisheries programs in East Java Province which will be carried out by each stakeholders.



### **West Java Site Scoping Preparation**

APRI, Agency of Marine Affairs and Fisheries of West Java, Environmental Defense Fund, Starling Resources, and supported by Padjajaran University prepared a scoping site for the management of the BSC fisheries in West Java Province.



### **Socialization of Fish Resources Management in Gedong Mulyo Village**

Socialization of fish resource management in the assisted village by the Agency of Marine Affairs and Fisheries of Central Java in Gedong Mulyo Village, Lasem, Rembang, Thursday, June 27, 2019. This activity includes a preliminary meeting in the the Agency of Marine Affairs and Fisheries of Central Java to make a road map and then go to the field.



### **Gresik Field Visit**

On May 3-4, 2019, Mr. John Bringer from CEA accompanied by Dr. Hawis Madduppa visited one of the fish processor unit members of APRI namely CV Kudatama Mas to see how the BSC processing in the plant and how the control documents were done. They also made a visit to the BSC supply chain in Gresik to see how the its supply chain runs, ranging from fishermen, collectors/cooking stations, to the mini plant.





### **MSC Assessors Field Visit to Pamekasan, Madura**

To achieve MSC certification for the small crab fishery, APRI conducted a pre-assessment of MSC in Madura. The small crab fishery is one of the fisheries conducted pre-assessment through Fish for Good. As a follow-up to the pre-assessment, two MSC assessors accompanied by an APRI team visited Madura as the MSC unit of assessment for small crabs.

The MSC assessors' field visits were carried out on 18-20 October 2019 at Madura, particularly in Bangkalan and Pamekasan Districts. The agenda of this field visit includes visiting the mini plant of APRI members in Bangkalan to see the processing of crabs and the implementation of control documents, meeting and discussing with the local government, the head of Pagagan Village, and local fishermen, visiting fishing boats and seeing the Vessel Tracking System (VTS), visiting landing station, seeing temporary crab nesting shelter (crab box / crab apartment), visiting the mini plant in Pamekasan, as well as discussions and closing meetings with the APRI Board.



### **APRI Shares Experiences in the 2019 PISCARIAM National Seminar**

Bambang A. Nugraha, was the speaker on "The Role of Entrepreneurship in Capture Fisheries" at the 2019 PISCARIAM National Seminar held by Brawijaya University on November 18 2019.





### **Discussion on RKT 2019-2022 KKP-MSK**

Dr. Hawis Madduppa participated in the Discussion of the 2019-2022 Annual Work Plan in the Cooperation Framework of the Ministry of Marine Affairs and Fisheries (KKP) and the Marine Stewardship Council (MSC) at The Akmani Hotel, Central Jakarta on October 1, 2019.



### **Workshop "Excellent Service, Innovative Industry, and Fulfillment of Nutrition" Directorate General. PDSPKP**

APRI attended the Workshop on "Excellent Service, Innovative Industry, and Fulfillment of Nutrition" organized by the Directorate General of Strengthening the Competitiveness of Marine and Fisheries Products (PDSP-KP) at the Ballroom of the Ministry of Marine Affairs and Fisheries, Mina Bahari III Building, Central Jakarta.



### **Release of Grand Exports of Fishery Products in 2019**

APRI attended the 2019 Export Release of Fishery Products at Lamong Bay Port, Surabaya on November 22, 2019. This activity was also attended by the Minister of Marine Affairs and Fisheries, Bpk. Edhy Prabowo.



### **Meeting on Management and Utilization of SDI Rajungan in Prov. East Java**

APRI attended the Meeting on the Management and Utilization of SDI Rajungan in Prov. East Java where Bpk. Wita Setioko was also a presenter by presenting material "Fulfillment of the Supply Chain and Export of Crabs". This activity was held in Surabaya, 25-27 November 2019.





### **KKP National Coordination Meeting 2019**

APRI attended the 2019 National Coordinating Meeting (Rakornas) of the Ministry of Marine Affairs and Fisheries in the context of drafting the initial draft of the Strategic Plan for Marine and Fisheries Development for 2020-2024 which was held in Jakarta, 4-5 December 2019.



### **Asia Pacific FIP Community of Practice Workshop**

APRI participated in the Asia Pacific FIP Community of Practice Workshop which was held in Bali on 15-17 October 2019. This activity was also attended by FIP practitioners in the Asia Pacific region.



### **Fish Product Grand Expo 2019**

Fish Product Grand Expo 2019 which was held by the Office of Marine Affairs and Fisheries of the Rembang Regency Government. This event lasts for 2 days (5-6 December 2019) at the Rembang square.



### **Discussion with TREKFish Users**

On 19 November 2019, APRI attended a discussion with TREKFish users organized by MDPI. The meeting was attended by the IPB FPIK Research Team, KKP and several fisheries organizations in Indonesia that have supported the use of local products and using Trekfish in small-scale fishing fleets.





### Lampung KPPRB Committee and Working Group Meeting

November 26-28 2019, APRI participated in the Committee and Working Group Meeting at the Lampung Province Sustainable Rajungan Fishery Management Committee (KPPRB) in the context of evaluating 2019 performance and discussing priority activities for 2020 held at the Horison Hotel, Lampung.



### 4th Asian FIP Managers Summit 2019

Dr. Hawis Madduppa, Executive Director of APRI, attended the 4th Asian FIP Managers Summit 2019 in Singapore, 2-3 December. Dr. Madduppa presented the development of the small crab FIP in Indonesia, as well as the progress of implementing the Control Document and Audit System. This event was organized by the NFI Crab Council which was attended by all FIP leaders from Indonesia, Sri Lanka, Thailand, the Philippines, China, India and Vietnam.



### Workshop on Sustainable Rajungan Fishery Management Prov. West Java

Bambang Arif Nugraha attended the West Java Province Sustainable Rajungan Fishery Management Workshop, which was held in Cirebon Regency, December 3, 2019.



### Series of Workshop on Sustainable Rajungan Fishery Management Prov. West Java

The series of workshop at district level "Sustainable crab fisheries management in West Java province" which was held in Indramayu District, December 5, 2019, was attended by the Secretary General of APRI, Bambang Arif Nugraha.





### **NFI Crab Council Working Visit**

Working Visit by the National Fisheries Institute Crab Council (NFI-CC) Ed Rhodes went to the location of the small crab management in Gedong Mulyo Village, Rembang as the village of the selected regency.

Participating in this activity was the Sustainable Fisheries Partnership (SFP), Diponegoro University, APRI members, the Central Java Provincial Rajungan Committee, and stakeholders. This activity was held on 6-7 December 2019.



### **Workshop on Rajungan Fishery in Bekasi Regency**

Bekasi Regency Rajungan Fishery Workshop, 10 December 2019 in order to increase understanding and support of local stakeholders about the importance of crab fisheries management



### **Workshop on Sustainable Rajungan Fishery Management, West Java Province in Kab. Karawang**

APRI, represented by the Secretary General of APRI, Bambang A. Nugraha, attended the Workshop on Sustainable Marine Crab Fisheries Management in West Java Province in Kab. Karawang on December 12, 2019.





### **Workshop Length Based Spawning Potential Ratio (LBSPR)**

APRI held a Workshop on Length Based Spawning Potential Ratio (LBSPR) for limited data on small-scale crab fisheries, which was held in Bogor, 16-17 December 2019. Workshop materials were given directly by Prof. Jeremy Prince (Biospherics, Australia), an expert who developed LBSPR. The activity was attended by the KKP SDI Directorate, KKP Marine Fisheries Research Center, NGOs (SFP and EDF), Marine and Fisheries Researchers from universities, as well as APRI members and staff.



### **FGD Related to Review of Permen KP No. 56/2016**

Forum Group Discussion (FGD) activities with stakeholders related to a review of the Regulation of the Minister of Marine Affairs and Fisheries of the Republic of Indonesia Number 56 / PER-MEN-KP / 2016. As for being represented by the Secretary General Bpk. Bambang Arif Nugraha and Ambassador Mrs. Aik Wulandari to attend the FGD.



### **Workshop on Sustainable Rajungan Fishery Management, West Java Province in Kab. Karawang**

Discussion and refinement of the WPPNRI 712 crab fishery draft harvest strategy document which was carried out at Fave Hotel Padjajaran on December 18, 2019.



### **APRI 3rd Quarterly Meeting 2019**



The meeting was held on September 28-29 2019 at the Grand Soll Marina Hotel Tangerang, attended by APRI members and invited guests, namely Dr. Abdul Ghofar (NFI Crab Council), Mr. Hirmen Syofyanto (Coordinator of MSC Indonesia), and Mr. Ronny Riyadhi and Mr. Fernando Butarbutar (PT SGS Indonesia).



### **Socialization and Installation of TREKfish in Pamandati**

On October 6, 2019, APRI together with SFP, IPB partners, and the Head of the South Konawe Marine and Fisheries Service, conducted a socialization on the Vessel Tracking System (VTS) "TREKfish" to the fishermen of Pamandati Village, as well as installing the equipment on several local fishing boats.



### **Together with Partners, APRI participated in conducting Coastal Cleanup in Pemalang**

Coastal Cleanup at Dusun Pejarkan Beach, Danasari Village, Pemalang Regency, Central Java, which involved 152 fishermen, was initiated together with APRI, Pemalang Regency Fisheries Service, and PT Blue Star Anugrah (BSA), Environmental Service (DLH). The Executive Director of APRI Hawis on that occasion gave an understanding to fishermen regarding the Minister of Marine Affairs and Fisheries Regulation (Permen KKP) Number 56/2016.







### **Blue Swimming Crab Fisheries Harvest Strategy Launching**

In carrying out good management of blue swimming crab fisheries towards sustainable blue swimming crab fisheries, various strategic steps need to be taken involving all stakeholders. Since the end of 2018, APRI, MMAF and other partners have initiated the use of a Harvest Strategy for blue swimming crab fisheries in Indonesia.

Various steps have been taken in the framework of the preparation of this Harvest Strategy document until finally the MMAF launched the Harvest Strategy on 3 March 2020 at the Ballroom of Mina Bahari III Building, Jakarta.

In addition, APRI also opened a booth that displayed various activities that APRI had carried out to examples of crab products produced by APRI members.





### APRI Appeal about COVID-19

As one form of response in the face of the COVID-19 outbreak, APRI appealed to the entire BSC supply chain in Indonesia to take preventative and preventive measures. This was conveyed through a letter to all APRI members, also through APRI social media.



### Sustainable Blue Swimming Crab Fisheries Follow Up Meeting

APRI Executive Director Dr. Hawis Madduppa participated in a meeting conducted by the Directorate General of Capture Fisheries in the framework of following up the management of sustainable BSC fisheries in Indonesia FMA.



### Marine and Fisheries Business and Investment Forum

Bambang A. Nugraha (Secretary General of APRI) attended the "Marine and Fisheries Business and Investment Forum (MFBIF)" organized by the Directorate General PDSPKP-MMAF. The activity is an effort to encourage increased investment and business development in the marine and fisheries sector.



### Central Java Deputy Governor Work Visits in Gedongmulyo Village, Rembang

The work visit of the Deputy Governor of Central Java in Gedongmulyo, Rembang, a village assisted by AMAF of Central Java Province, APRI fostered village and supported by SFP. This activity was attended by representatives of APRI members, SFP, enumerator, community organizer, and BSC fisherman.





### **Audience between APRI and the Minister of MAF**

APRI represented by Dr. Hawis Madduppa held a audience with the Minister of Marine Affairs and Fisheries on 13 February 2020. Dr. Hawis Madduppa conveyed the APRI Fisheries Improvement Program.



### **The Meeting of BSC Cooker/Processor in Muara Gembong, Bekasi**

APRI attended a meeting with the BSC cookers/processors in Muara Gembong that organized by UPTD TPI Paljaya, AMAF of Bekasi. In these activities a BSC fisheries management group was formed based on deliberation.



### **Harvest Strategy Document Discussion Meeting**

In order to support the management of BSC fisheries in FMA 712, APRI held a meeting with the BRPL team, SFP and BSC data analyst to discuss the continuation of the Harvest Strategy document in preparation for the Harvest Strategy Technical Meeting.



### **FGD of Sustainable BSC Fisheries Management, Rembang**

Focus Group Discussion (FGD) on Sustainable BSC Fisheries Management as a follow up of the co-management activities in Gedongmulyo Village, Lasem, Rembang.





### **BSC Harvest Strategy Technical Workshop**

The workshop was held so that the provision of data related to the type, methodology, collection and analysis used in the crab Harvest Strategy document could be available.



### **Field Visit of Bappenas and UNDP to Review BSC FIP Activities**

The Ministry of PPN/Bappenas and UNDP conducted a field visit to review the BSC FIP activities. The locations visited were Pamekasan and Gedongmulyo Village, Rembang.



### **MSC Team Visit in Madura**

The visit of the MSC team in Madura to take documentation of the socio-economic impacts of BSC fisheries in helping the community especially women in commemorating international women's day.



### **FGD on Gender Studies and Mainstreaming**

APRI together with representatives from companies, miniplants and fishermen, contributed to provide input in the Focus Group Discussion (FGD) activities on gender studies and gender mainstreaming actions, with case studies on BSC fisheries in Madura. This FGD was organized by Bappenas and GMC Project-UNDP.





### **FGD in Pamandati Village, Konawe Selatan**

Pamandati village is one of the sustainable BSC fisheries management villages fostered by APRI, with the support of the Sustainable Fisheries Partnership and NFI Crab Council. The event was attended by all stakeholders, namely the AMAF of Southeast Sulawesi Province, AMAF of Konawe Selatan, Pamandati Village Government, and fishermen. In this activity as many as 22 BSC fishermen in Pamandati Village received a PAS Kecil.



### **APRI Year-End Quarterly Meeting 2019**

APRI Year-End Quarterly Meeting in 2019 was held at VASA Hotel Surabaya on 28 December 2019. This Year-End Quarterly Meeting was attended by representatives of all APRI members, invited guests namely Dr. Abdul Ghofar (NFI Crab Council) and observers from PT Bahari Mulia Utama.



### **BSC Enumerator Training**

APRI trains 8 BSC enumerators positioned in the landing areas in Pamandati, Pamekasan, Sumenep, Gresik, Rembang, Pati, Demak and Pemalang. The training was held in Bogor, 2 March 2020.



### **Indonesia BSC Fishermen Group Meetings**

APRI in collaboration with the Sustainable Fisheries Partnership held a meeting of the Indonesian BSC Fishermen Group in Jakarta, 2 March 2020. More than 30 fishermen from all over Indonesia attended this activity.





## Blue Swimming Crab Restocking in Lamongan

APRI members participated in the blue swimming crab seed restocking activity organized by BBPBAP Jepara. Around 200,000 blue swimming crab seeds are stocked in the waters of the Kemantren Village, Paciran, Lamongan.

This activity was welcomed by the Lamongan fishery and maritime office, attended by the Lamongan Regent and discussed together at the fishermen's residence.

Lamongan government highly appreciates the efforts of BBPBAP Jepara and APRI in restocking crab seeds in the village of Kemantren Lamongan.







### **Solidaritas Rajungan 1781945 Stage I**

The COVID-19 pandemic also affected the blue swimming crab fisheries in Indonesia, including the bottom supply chain of blue swimming crab fisheries, namely the picker and fishermen.

Therefore, Indonesian Blue Swimming Crab Association/Asosiasi Pengelolaan Rajungan Indonesia (APRI) initiated a program called "Solidaritas Rajungan 1781945" in order to assist the bottom supply chain especially pickers and fishermen affected by the COVID-19 pandemic in the supply chain in most parts of Indonesia from the month of April 2020.

Account including cooperation with the Environmental Defense Fund (EDF) and Starling Resources. The distribution of the packages is carried out in 7 provinces namely East Java, Central Java, West Java, Lampung, South Sulawesi, North Sumatera and Aceh. The Solidaritas Rajungan 1781945 program was also carried out in collaboration with the Sustainable Fisheries Partnership (SFP) for the food supply in the Stage II.

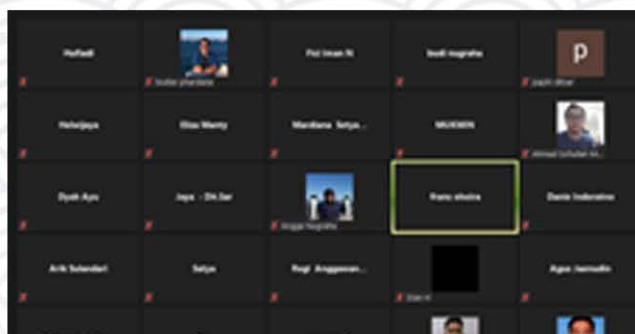


### **Solidaritas Rajungan 1781945 Stage I**

Asosiasi Pengelolaan Rajungan Indonesia (APRI) held a webinar on the topic "Rencana Pengaturan Kuota Penangkapan bagi Pengelolaan Rajungan Berkelanjutan" through the Zoom Cloud Meeting platform and YouTube Live Stream on 19 June 2020.

APRI Webinar 1 was attended by at least 950 participants with various backgrounds, including from government agencies especially from institutions under the MMAF, academics, researchers, business people, NGOs, and also students from various universities.





## Webinar on US Regulation Fulfillment

APRI participates in webinar on US Regulation Fulfillment on 13-14 May 2020. This webinar sharing information about the requirements set by the US that must be met by the exporting country.



## Zoom Meeting with BBRSEKP

APRI attend the zoom meeting with BBRSEKP on 18 May 2020. The meeting is about the discussion of socio-economic condition of blue swimming crab fisheries in Indonesia and the possibility of collaboration in several program.



## The Preparation of BSC Fisheries Management Implementation in Indonesia FMA

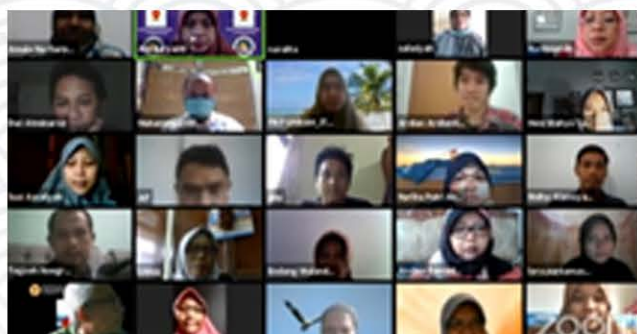
The Indonesian Ministry of Marine Affairs and Fisheries (MMAF) issued a ministerial regulation namely Permen KP No.12/PERMEN-KP/2020 which regulates blue swimming crab fishing in Indonesia, one of the issues being the quota plan for BSC fishing. This meeting was a follow-up from the MMAF for a proposal letter sent by APRI. The meeting was held online through the Zoom Cloud Meeting on 6 July 2020.



## Fishermen Empowerment Program

The Fishermen Empowerment Program is implemented as a series of activities of the Minister of Marine Affairs and Fisheries Working Visit in Central Java Province. The activity was held on 7 July 2020 with the opening which was carried out through the Zoom Cloud Meeting and then continued at each location. In this activity also the APRI Community Organizer in the Rembang explained the co-management activities that had been carried out in Gedongmulyo Village, Rembang. The BSC Apartment produced will then be used by fishermen for natural restocking at sea





## Training on Data Processing using R Software

APRI represented by Susi Awaliyah as Staff of APRI participates in the Training on Data Processing using R Software held by FIKP UMRAH on 16 June 2020. The training including material about the data analysis to data visualization.



## Preliminary Result Presentation and Recommendation of MSC Pre-assessment

APRI-MMAF-MSC done the preliminary result presentation and recommendation of MSC pre-assessment on 18 June 2020. The CAB deliver the recommendations to APRI and MMAF about the blue swimming crab fisheries management.



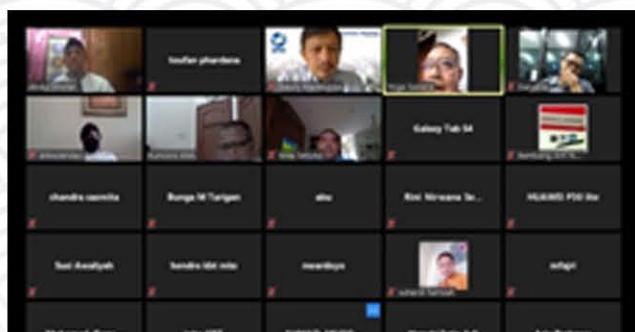
## MSC Chain of Custody (CoC) Training

Chain of Custody Standards Training organized by the Marine Stewardship Council (MSC) of Indonesia as an effort to develop a sustainable fisheries program. Sustainable and traceable market development from the sea to the hands of consumers is also a key to sustainable fisheries. The training was held online through the Zoom Cloud Meeting platform on 23-24 June 2020.

The training was attended by representatives of blue swimming crab processing companies which are members of APRI, MMAF and AMAF of Province with a total of 52 participants. The training agenda included presentation of material from Mr. Hirmen Sofyanto which was then followed by questions and answers and discussion with participants.

This training is expected to be a means of providing understanding and increasing the capacity and competence of business people regarding the MSC Chain of Custody (CoC) Standards.





### **APRI 1st Quarterly Meeting in 2020**

Asosiasi Pengelolaan Rajungan Indonesia (APRI) held the 1st Quarterly Meeting in 2020 via Zoom Cloud Meeting. The meeting attended by all of APRI members, also attend the representative of NFI Crab Council. The topic of the meeting is about the evaluation and follow up the Solidaritas Rajungan 1781945 program to minimize the impact of COVID-19.



### **Solidaritas Rajungan 1781945 Collaboration between APRI-EDF-Starling Resources**

Asosiasi Pengelolaan Rajungan Indonesia (APRI) through the Solidaritas Rajungan 1781945 Program seeks to help the bottom supply chain especially pickers and fishermen affected by the COVID-19 pandemic. The Solidaritas Rajungan 1781945 Program involved partners including the Environmental Defense Fund (EDF) and Starling Resources in providing assistance aimed at the blue swimming crab supply chain in West Java & Lampung Province.



### **Solidaritas Rajungan 1781945 Stage II Collaboration APRI-SFP**

Asosiasi Pengelolaan Rajungan Indonesia (APRI) through the Solidaritas Rajungan 1781945 Program seeks to help the bottom supply chain especially pickers and fishermen affected by the COVID-19 pandemic. Solidaritas Rajungan 1781945 has already raised funds and distributed them to pickers and small fishermen affected by COVID-19 in most parts of Indonesia.

The Solidaritas Rajungan 1781945 Program involved partners including the Sustainable Fisheries Partnership (SFP) Resources in providing assistance aimed at the blue swimming crab supply chain in Central Java (Pemalang, Demak, Jepara, Pati, Rembang), East Java (Gresik and Sumenep), and Southeast Sulawesi (Konawe Selatan). In the implementation also worked with Community Organizer, Enumerator, dan Fisher Communities.

Distribution of food to the target supply chain was carried out in June 2020 with the total number of packages distributed as many as 637 food packages which was distributed in 3 provinces with total value of Rp 56.126.500.





### **Online and Offline Training Making Crab Paste “Terasi Rajungan”**

July 17, 2020. APRI held a training activity for making crab paste “terasi rajungan” with an online system via zoom and offline on a limited basis by implementing the COVID-19 health protocol. Offline training was held in Gedongmulyo Village, Rembang. This training involved 20 pickers and fishermen's wives with Trainer Bambang A. Nugraha and his team. The training participants were also attended by members of the APRI, Miniplant, DKP Rembang, Poklaksar Rembang, HNSI South Sulawesi, BPPP Tegal, lecturers / academics at FPIK UHO and UGM, to representatives from Lotte Jakarta.



### **Measurement The Fishing Vessel in Pagagan Village, Pamekasan**

August 20, 2020. APRI collaborated with the Harbormaster to help fishermen take ship measurements in Pagagan village, Pamekasan. This vessel measurement aims to support the Marine & Fisheries Agency of East Java and DKP of Pamekasan District in registering small-scale fishing vessels as a requirement for registering fishing vessels with SIMKADA. As many as 29 Pagagan fishermen have obtained the “PAS KECIL” published by the Port Authority Technical Unit. This activity was carried out with the CO Team and Pamekasan Enumerators.



### **Building a Blue Swimming Crab Apartement**

APRI with the local enumerators carried out activities of making small crab apartments which are placed in the estuary by small crab fishermen in Gedongmulyo Village, and renovating the crab apartment with the help of fishermen in Pagagan Village, Pamekasan.





### APRI and PDSPKP Meeting

August 6, 2020. APRI held a meeting with PDSPKP (Strengthening the Competitiveness of Fishery and Marine Products). APRI representatives, Mr. Kuncoro C. Nugroho and Wita Setioko, held a discussion with Bpk. Nilanto Perbowo as Director General of PSDPKP.



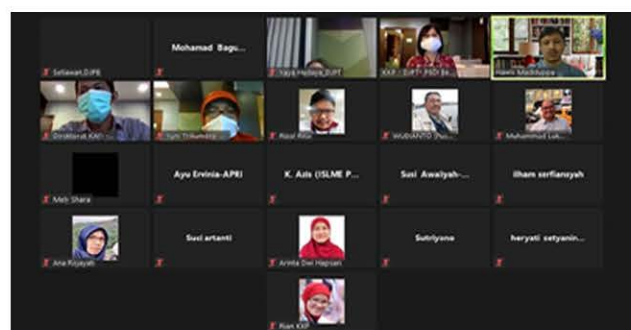
### Data Management Committee (DMC) - Southeast Sulawesi

APRI in this activity aims as a means of collecting, improving, standardizing and communicating related to small crab fisheries in the province in the context of collaborative management of small crabs in order to achieve sustainability. This activity was held on August 19, 2020 and was attended by the Provincial DKP of Southeast Sulawesi, District DKP, Fisheries Extension, Prof. La Sara (UHO), Mini plant, CO and Enumerator.



### Data Management Committee (DMC) - East Java

APRI also collaborates with the East Java Government for means of collection, repair, standardization and communication related to crab fisheries, 15 September 2020 through Virtual Meeting, this activity was attended by East Java Provincial DKP, Regency DKP, BKIPM, UTM, UB, IPB, APRI Members, Miniplant, Kades Pagagan, fishermen, CO and Enumerator



### Technical Meeting Management of the Crab

August 26, 2020. DGT KKP held a meeting to prepare technical instructions for the management of small crabs. Mr. Hawis Maduppa is a representative from APRI.





### Webinar BBPBAP Jepara

BBPBAP Jepara held a webinar related to crab cultivation which was held on August 28, 2020, in which Mr. Kuncoro C. Nugroho and Mr. Dr. Hawis Madduppa was among the speakers of the webinar.



### Fisheries Management Crab in Central Java

September 1, 2020, APRI with DKP Central Java Province conducted a review and discussion of fisheries management in Central Java for 2020-2021. Mr. Hawis Maduppa delivered material about the results of enumerator data analysis.



### Webinar : Marine Fellowship Program II

29 September 2020, Mr. Bambang A. Nugraha (Secretary General of APRI) as the attendee representing APRI also conveyed the condition of crab fisheries in Riau Islands in terms of industry and production. Also provides some input to the research, including market review and data refinement.

This activity is about the Spatial Approach in the Management of Small-Scale Crab Fisheries in the Regional Marine Conservation Area (KKLD) Bintan Regency.





### Virtual Meeting CETASI Marine Mammals Protect Act (MMPA)

This activity was carried out on July 29, 2020 by sharing information regarding the linkage of marine mammals in crab fisheries and raising the possibility of a study and collaboration between APRI and CETASI.

On September 9, 2020 it was continued by discussing the development of a research plan which is expected to provide a clearer picture of the interaction of marine mammals in crab fisheries in Indonesia.



### Webinar with FK2PT

August 25, 2020 as Chair of APRI, Mr. Kuncoro C. Nugroho as a speaker to share knowledge and experiences related to challenges, obstacles and opportunities for export of products in the new normal era in a webinar organized by the Capture Fisheries Partnership Communication Forum.



## 3rd APRI Youth Presentation

APRI for the third time is implementing the **APRI Youth Innovation** to collaborate with universities in innovative ideas to preserve and balance nature, especially in the crab sector.

This activity entered the presentation stage and was attended by 15 teams that passed the first selection.





### **APRI 3rd Quarterly Meeting, Indonesia Towards Certification Global Ecolabel**

Asosiasi Pengelolaan Rajungan Indonesia (APRI) holds its third quarterly meeting (APRI Quarterly Meeting) in October 3, 2020. This meeting is held routinely every three months for coordination, information sharing and evaluation for and from APRI members, the Board APRI and APRI partners. The meeting was held through the Zoom Cloud Meeting which was attended by 18 APRI members who were fisheries processing actors. The meeting this time focused on the discussion of Blue Swimming Crab (Rajungan) management towards global Ecolabel certification

This Third Quarterly (Q3) has two main event, Webinar and APRI Internal Meeting. This Webinar is involved a great speaker namely Ed Rhodes (NFI Crab Council), Prof. Dr. Ir. Rokhmin Dahuri, MS (KKP), Prof. Ir. R. Sjarief Widjaja Ph.D (BRSDM KP), and Dr. Ir. Sri Yanti JS, MPM (Bappenas). And second session Internal Meeting we have Hirmen Syofyanto (Marine Stewardship Council), Roderic Hodges (Marine Change), and Dr. Putu Liza Mustika (CETASI).

Ir. Kuncoro C. Nugroho as APRI Board tell about APRI Milestone and target in 2021, APRI wants to get Marine Stewardship Council (MSC) certification for small crabs explicitly stated that APRI needed support from the government for comprehensive marine research in responding to the demands of the global market, as well as support for the acceleration of FIP towards MSC certification so that Indonesian crabs could not compete with other countries. Furthermore Mr. Ed Rhodes from the NFI Crab Council expressed his full support for APRI in implementing FIP for the improvement of small crab fisheries.

Prof. Rokhmin Dahuri as the first speaker in Q3 webinar session tell The sustainability of raw materials requires awareness of the importance of responsible fisheries and support for small crab cultivation technology. The challenge from a market perspective is increasing, The requirements for crab export, such as food safety quality standards, traceability, and ecolabeling certificates. According to Prof. Rokhmin, the way out of this problem is "Build the spirit of Indonesia Blue Swimming Crab Incorporated" by all stakeholders.





Prof. Sjarief dari BRSDM KP also tell about good idea to development of small crabs in Indonesia based on coastal communities, such as the agricultural concept of "transplanting", where in potential areas (mangroves), restocking is carried out by spreading superior broodstock laying crabs and last speaker Dr. Sri Yanti explained the efforts of Bapennas in supporting the management of crab as a leading Indonesian fishery commodity through the FIP program. Bapenas is collaborating closely with APRI in fighting for the small crabs to get MSC certification by 2021 Dr. Hawis also said "APRI FIP has received a progress rating A, but APRI continues to strive to increase its value, starting point at 0.04 to 0.77 in 2020, is close to reaching MSC".

Hirmen Syofyanto from MSC explained about MSC Fisheries and CoC certifications that can be developed by APRI and its members, and gave an overview of the costs that must be spent for the assessment. Continuing Hirmen's explanation, Roderic Hodges from Marine Change presented the idea of developing a financial model for APRI in carrying out the full MSC assessment. Next Dr. Putu explained APRI and CETASI's research plan in addressing the issue of the impact of small crab fisheries on marine mammals. This meeting very interesting and the topic that needs to be studied more, so the APRI members want to discuss every 2 weeks in bi-weekly for more discuss.



### Announcement of Proposal Participants Selected in APRI 3rd Youth Innovation

APRI for the third time again provided research scholarships to 5 groups of students from various universities.





## Profile of Selected Groups who get Research Scholarships

APRI as the organizer of this activity would like to thank the participants who participated with innovative ideas and enthusiasm in maintaining the balance of nature. Together with APRI, we hope that the ideas of innovative youth will not die and will continue to make a real contribution to Indonesian fisheries, especially in the crab sector.



## Virtual Symposium Series USAID

Presentation of material from Dr. Hawis Madduppa in USAID SEA Virtual Symposium Series on Fisheries Data Analysis Opportunities today and in the future. Mr. Hawis Madduppa,

APRI representatives who is also a lecturer at the Department of Marine Science and Technology, FPIK IPB, in this activity also conveyed about the study of crab fishery stocks through genetic studies and LBSPR long-based methods, and emphasized the importance of collecting time series and consistent data and selecting the right method. In addition to data analysis techniques and methods, Mr. Hawis also conveyed crucial things in fisheries management, namely translating the results of data analysis to all stakeholders (industry, academia, government, fishermen, and others), in other words how to bridge science to management.





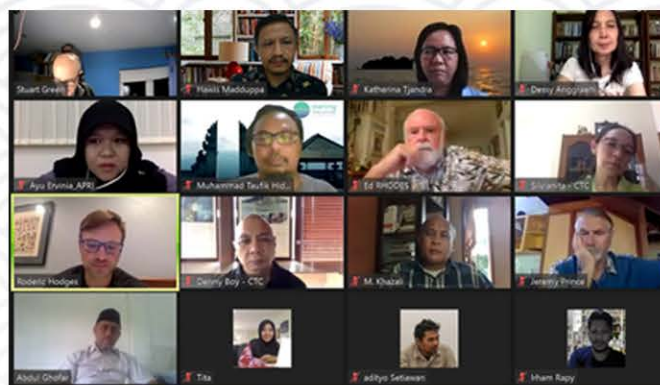
## Webinar: Establishing HR Through the Fisheries Business

Mr. Bambang Arif Nugraha delivered material about forming incubation human resources through the fisheries business with the hope of upgrading fisheries MSMEs to superior and global-class MSMEs. For this reason, it is necessary to ensure synchronization of supply and market demand, comply with existing regulations and traceability of the process chain so that it excels in optimizing all lines of business parameters.



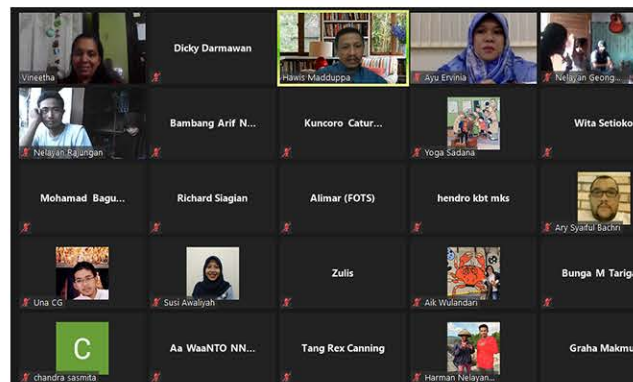
## FGD : Discussion about Better Fishery Improvement Project

Forum Group Discussion on improvement learning about the Fishery Improvement Project (FIP) where Mr. Hawis Madduppa as a representative of APRI explained about the roles of stakeholders in improving FIP.



## BSC Coalition Meeting

APRI, represented by Dr Hawis Madduppa and Dr Ayu Ervinia, provided developments on the FIP program in Central Java, East Java and Southeast Sulawesi, along with the development program for crab fisheries management in Indonesia among the BSC coalition.



## 3-Year Audit Fishery Progress Meetings

APRI Meeting with Stakeholders (Government, Researchers, APRI Members and Fishermen) for 3-Year Audit Fishery Progress, This activity took place with 2 sessions where the stakeholders in this activity were a series of 3-year Fishery Progress Audit activities with Dr. Vineetha Aravind as External Reviewer of Blue Swimming Crab Year 3 Fishery Progress





# NEWS





### **The Role of Fishermen in Ghost Fishing Clean UP !**

Unmanned fishing equipment is fishing equipment that is abandoned, discarded, dragged by currents or caught in other fishing gear that can affect life in the sea. Ghost Fishing can have an impact on decreasing the catch or stock availability. The important role of fishermen in the use of sustainable fishing gear will help avoid ghost fishing.

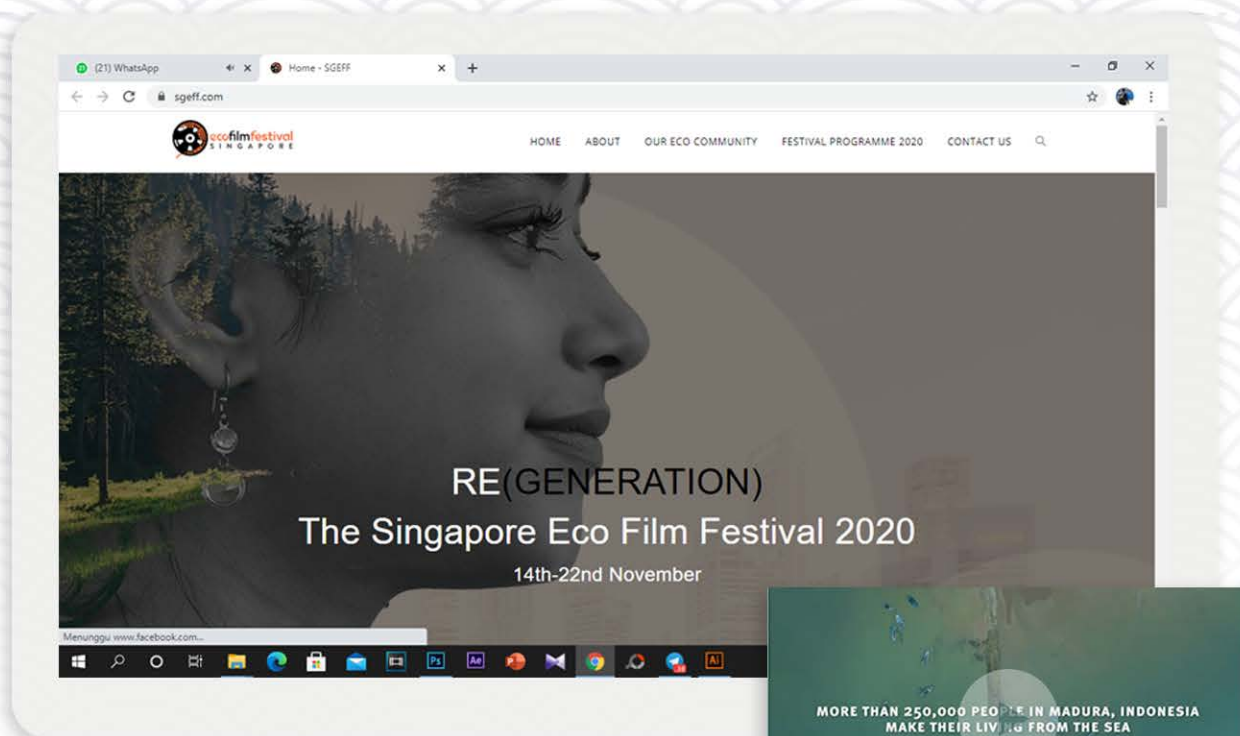
Since October 2020, 3 CO-Management Regions (Rembang, Pamekasan and Pamandati) have carried out this activity with fishermen to maintain the ecosystem and apply sustainable fishing gear. Fishermen can reuse these fishing gear with the principle of recycle, reuse, reduce

Fishermen in Rembang and Pamekasan are aware of the importance of the sustainability of the marine ecosystem by lifting parts of their fishing gear in the form of ropes, which is part of the "Ghost Fishing Clean Up" program. The ropes found by these fishermen can also affect marine ecosystem life.

The role of fishermen in helping reduce waste and also maintaining the sustainability of the ecosystem is very important with this program, hopefully it can make fisheries management sustainable so that the catch is more abundant.

Post: **Zulfikar/Lailatul\_Q**





## Meet the Indonesian Women Hooking into Blue Swimmer Crab a Film Story by MSC collaboration with APRI

MSC take a movie about fisherman wife who work at Blue Swimming Crab, this story get selected on The Singapore Eco Film Festival 2020,

The NRC Dutch Newspaper also was published that fishery activities in Madura can be exemplified as implementing sustainable fisheries. Not only in the Dutch media, however, the journey of the Madura fishermen which was documented by MSC in collaboration with APRI was also selected in the ECO Film Festival in Singapore. "It's good to use bubu (Traps), it's simpler, it's easier, we can release esier if we catch small crabs" Suparman said with a typical native accent. APRI will always accompany fisherman to create sustainable and traceability crab management. "



Madurese fishermen have implementing fisheries sustainable according to MSC ecolabel standard (Marine Stewardship Council)



# Socialization of Regional Regulations

Local government Ds. Pagagan Kab. Pamekasan has socialized about local regulations for sustainable small crab management

This regulation is form of support government to blue swimming crab sustainability and better life stok to keep fisherman welfare. Mrs. Lailatul Qomariyah as APRI Co-Management have socialization about APRI Progam **#GTK5menit** and the local government support us, and the fisherman also reliazed about sustainable.

November 10th, 2020. Two APRI representative and 4 Government, 13 local Government, 16 Fisherman also agree with term regulations.

Post: **Lailatul/Farhan**





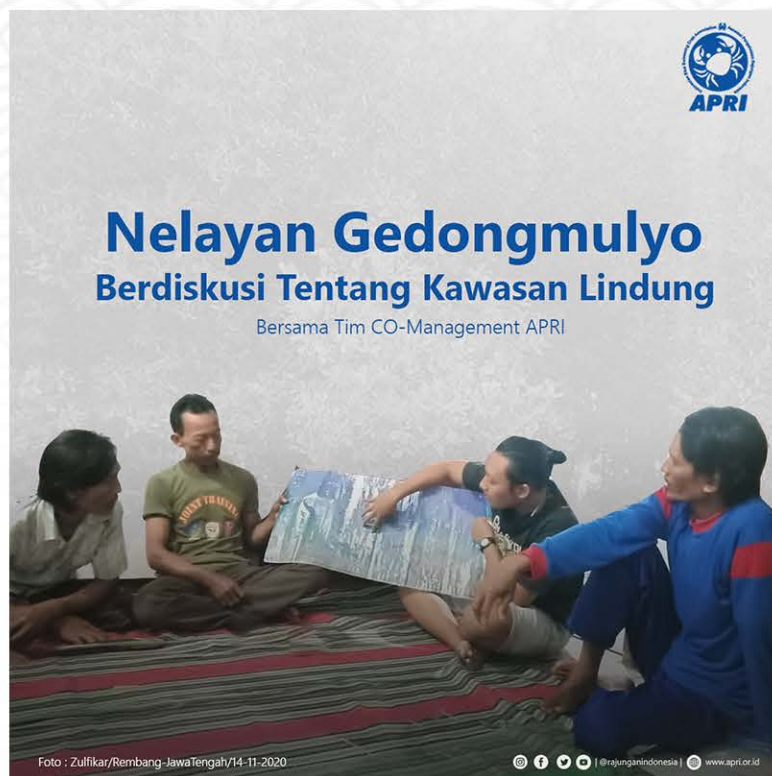
# Protected Area for Blue Swimming Crab

APRI together with fishermen Gedongmulyo Rembang discussed together to discuss protected areas, the discussion was also attended by groups of small crab fishermen and fisheries extension workers.

Zulfikar as the APRI representative explained the importance of crab management in front of fishermen groups with areas that are planned to be protected areas. The protected area is a place for the release of nesting crabs which will have a positive impact on the habitat and stock of the crabs, as a sustainable step for the crab fishery.

Now the progress of this program is CO-Management APRI with Fishermen make a marking area with a sign to make marking area.

In this Program APRI hope the new regulation about this Protected Area of Blue Swimming Crab



PERDA or regulation on this program is very important, APRI CO-Management with Fishery extension and local government are discussed about this good initiative from Gedongmulo Fisherman.

Post : **Zulfikar**





## “Capit Biru” an Efforts to Help Fisherman in Pandemic

Asosiasi Pengelolaan Rajungan Indonesia as APRI supported by the Marine Stewardship Council (MSC) trying to help fishermen through the Community Fisheries Stewardship project, since July 2020.

Dr Hawis Madduppa, who is also the Executive Director of APRI, explained that the Community Fisheries Stewardship project involves a group of fishermen selected by APRI, where the selected fishing group is the Berkah Capit Biru Joint Business Group (KUB), which is located in Pagagan Village, Pademawu District, Pamekasan Regency, Madura, East Java.

Through this project, KUB Berkah Capit Biru initiated to create a fisherman shop which is managed independently by a group called “Capit Biru Fisherman Shop”. From the fishermen’s, this shop makes it easy for fishermen to get their needs for fishing, especially during the Covid-19 pandemic.



Capit Biru fisherman shop, which has been completed and has started operating, has started to help local fishermen as evidenced by the constant sale of several goods, especially diesel and bait.

The presence of this fishermen shop is expected to continue to provide benefits to the surrounding community in providing materials for fishing purposes and also as an alternative income for KUB Berkah Capat Biru to support their livelihoods, especially in this pandemic.

Post :**Lailatul/Farhan**





# FIP ACTION



# RESEARCH ACTIVITIES

based on 3 MSC Principles



## OUR Focus



### Traceability System

Pilot traceability systems through control document



### Stock Assessment & Enhancement

To support Stock Assessment Programs in the Java Sea by applying SPR in addition to conventional stock assessment and stock enhancement



### Co-Management

Complete the National Fishery Management Framework, formalize a steering committee for WPP-712 (Java Sea)



### Environmentally Friendly Fishing Gear

Review environmentally friendly fishing gear in BSC fisheries



### Enforcement & Compliance

To improve enforcement and compliance of fishery policies through assessing supply chain



### Empowerment

Empowerment and organization of fisher communities



# Scientific data collection research & sampling program

## Data Collection

Data collected by enumerators with the area of data collection including several locations, that are Central Java (Pemalang, Demak, Pati, Rembang), East Java (Gresik, Pamekasan), South Sulawesi (Pangkajene dan Kepulauan), Southeast Sulawesi (Pamandati, Kendari). APRI start the data collection since 2014 and now it still continue where there are now 7 locations with enumerators, that is Pemalang, Pati, Rembang, Gresik, Pamekasan, Pangkajene dan Kepulauan, and Konawe Selatan.

## Enumerator Training

For better data collection, the enumerators should be trained. APRI train the enumerators at least 3 times in 2018-2020 period. The first training is on 30 November-1 December 2020 in Bogor, the second training is on 9 July 2019 in Semarang, and the third training is on 2 March 2020 in Bogor.

## Research Collaboration with Pusrisan

For the stock assessment, APRI collaborate it with Pusrisan. APRI and Pusrisan is on process to signing the Memorandum of Understanding (MoU), especially with Balai Riset Perikanan Laut (BRPL). APRI and BRPL was held the first audience/hearing on 20 September 2020 in Bogor and now the MoU is still in the process.

## LBSPR Workshop

The workshop material was given directly by Prof. Jeremy Prince (Biospheric, Australia), expert who developed LBSPR. Prof. Jeremy Prince introduced and trained participants on stock measurement methods that have not been widely used by researchers in Indonesia by integrating length data and biological information such as fish growth, mortality rates, to measure stock status. It held in Bogor, 16-17 December 2019 which attended by the KKP SDI Directorate, the KKP Marine Fisheries Research Center, NGOs (SFP and EDF), Fisheries and Marine Researchers, from universities and APRI members and staff. This activity aims to update the researcher's information about the crab data processing analysis to support the crab fishery improvement program and how to translate the analysis into a good management strategy.



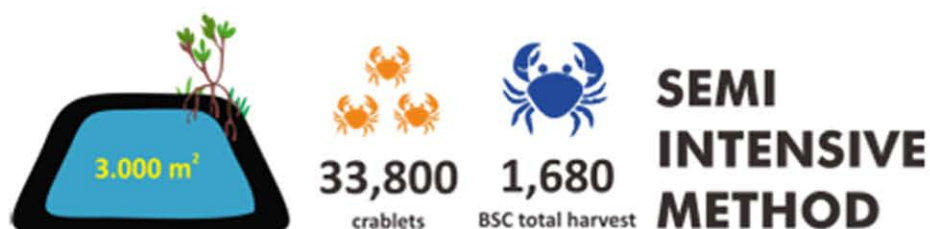




## Scientific data collection research & sampling program

### Aquaculture

APRI collaboration with BBBAP Jepara develop the blue swimming crab aquaculture with semi-intensive and silvofishery method, period 2018-2019 located in BBBAP Jepara. At least there was 2 times of harvesting from this aquaculture, on 19 September 2018 and 27 January 2019.



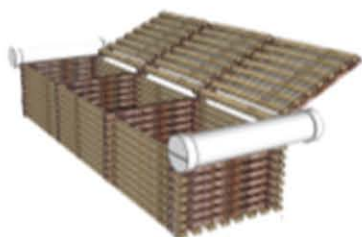
APRI also participates in the discussions and communications related to the aquaculture. In 28 August 2020, APRI participates in the webinar organized by BBBAP Jepara with theme "Sustainable Blue Swimming Crab Management as Prospective Aquaculture Commodity". In this opportunity, Kuncoro C. Nugroho as APRI Chairman presenting the business prospect of BSC development in Indonesia, and Dr. Hawis Madduppa as APRI Executive Director share about the DNA barcoding and BSC aquaculture environment.



### Restocking :

As an effort to increasing the stock, there also restocking activities. In 2019, restocking done on 20 February in Maros, South Sulawesi which collaboration between one of APRI member PT Kemilau Bintang Timur and BPBAP Takalar. Restocking activity also done in Pamekasan, Madura on 21 September 2020 collaboration between APRI, Bappenas, UNDP which releasing 250,000 crablets.

### Egg berried female BSC Apartment :



APRI since 2016 support the development and application of crab box/crab apartment for egg berried female blue swimming crab. It started in Jepara, where the crab box is managed by the fisher community. Crab box/apartment now developed and implemented in 3 other locations, that is Rembang, Pamekasan, and Konawe Selatan which also managed by fisher community accompanied by APRI community organizer.



## Harvest Strategy

### 1st meeting

17 December 2018

Preparation of documents and mapping of Indonesian BSC fisheries data

### 2nd Meeting

19 February 2019

Agreement including the need for the formation of BSC Harvest Strategy secretariat

### 3rd Meeting

8-9 April 2019

Discussion on operational objectives and fisheries performance indicators

### 4th meeting

18 April 2019

Agreement on setting of reference point

### 5th meeting

9 May 2019

Agreed the SPR status in FMA 712 and determination of performance indicators

### 6th meeting

18 December 2019

Determination of monitoring locations namely Demak, Jepara, Pemalang, Rembang, Madura and Lampung (DJPRML)

### 7th meeting

5-6 February 2020

Final preparation



**Harvest Strategy** for blue swimming crab fisheries officially launched by the Minister of Marine Affairs and Fisheries of Republic of Indonesia in Jakarta

**3 March 2020**





## GTK5! Launching & socialization

### Launching

Asosiasi Pengelolaan Rajungan Indonesia (APRI) launched GTK5! (Gerakan Tangkap Kembali Sebelum 5 Menit!). This movement is an effort to preserve and sustain the blue swimming crab fisheries in Indonesia. This movement was launched in Pamekasan, Madura on 10 2020, and will be socialized to all Indonesian blue swimming crab fishermen. The government through the Minister of Marine Affairs and Fisheries Regulation No. 12/PERMEN-KP/2020 which is a revision of Permen KP No. 56/PERMEN-KP/2016 prohibits the capture of small BSC with a carapace width <10 cm and egg berried female BSC for the sake of realizing the sustainability of blue swimming crab fisheries. However, the small and/or egg berried female BSC are often caught by fishermen. small and/or egg berried female BSC that are accidentally caught must be returned to the sea so that the crab can be preserved.

To support the return of small and/or egg berried female BSC to the sea after being caught, APRI conducted a movement called GTK5!. This movement is intended so that fishermen can implement the return of small and/or egg berried female BSC with a period of less than 5 minutes after catching. This is to reduce the risk of death of the crab and for a sustainable blue swimming crab fisheries.

### Socialization

**The socialization of GTK5!** continues to be carried out to fishermen. In the 7 locations of APRI enumerators (Pemalang, Pati, Rembang, Gresik, Pamekasan, Pangkajene dan Kepulauan, Konawe Selatan), it socialized by enumerators to the bottom supply chain. It is also reinforced by banner installations and flyer distributions especially in the strategic locations of blue swimming crab fisheries. Installations of banner also supported by the fishermen, collectors, mini plant owners, and other players in blue swimming crab supply chain. It hoped that the GTK5! program can be implemented well by fishermen so that the sustainability of blue swimming crab is better.





### **Risk assessment to determine vulnerability of retained species bait and bycatch species to over-fishing**

**Risk-based framework (RBF)** assessment workshop for Madura waters conducted on 9-10 July 2019 in Surabaya. It participated by various stakeholders such as the Agency of Marine Affairs and Fisheries around the Madura and the blue swimming crab supply chain such as fish processor unit, suppliers, and fishermen. This workshop collected informations about the fishing gear and the animal presence around the Madura and Gresik waters.

For the assessment, data that collected by APRI and data that obtained from this activity processed by Dr. Ir. Zairion, M. Sc. from IPB University to create a risk-based framework assessment report which is currently producing the draft report.

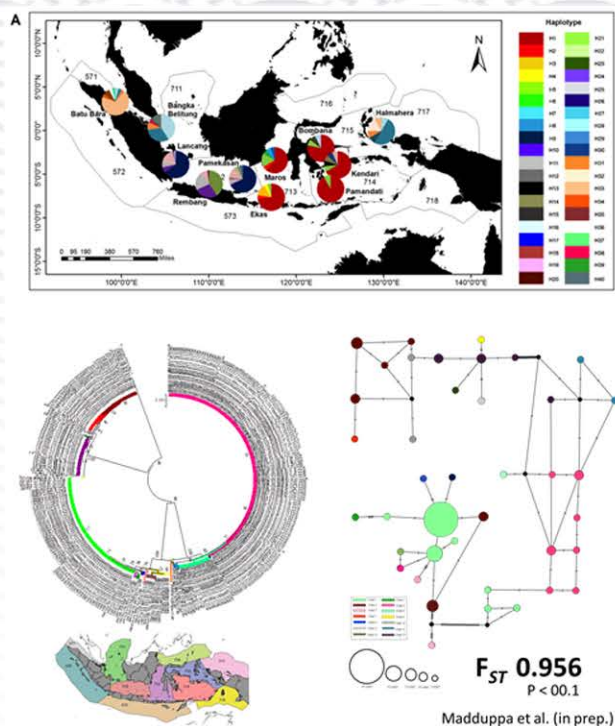
### **Non-target species assessment**

Data Collection Non-target species data collected by enumerators with the area of data collection distributed in 4 provinces, that are Central Java (Pemalang, Pati, Rembang), East Java (Gresik, Pamekasan), South Sulawesi (Pangkajene dan Kepulauan), Southeast Sulawesi (Konawe Selatan). NTS data collected by enumerators together with data collection for biology of blue swimming crab.

### **Marine mammals research plan with CETASI**

The export market for BSC products is dominated with about 85% supplied to the United States. Some time ago there was an issue regarding the application of regulations from NOAA for BSC fisheries products related to the Marine Mammal Protection Act (MMPA). APRI moved quickly by holding discussions with CETASI to learn more about the relationship between marine mammals in the BSC fisheries. The initial discussion, which was held on July 29, 2020, was a sharing of information regarding the small crab fishery and what APRI has done in guarding sustainable crab fisheries. In addition, it also discusses how the impact of small crab fisheries on marine mammals. APRI and CETASI then held another online discussion on 9 September 2020 to discuss the development of the research plan and other matters that need to be discussed in the context of research planning.





## Genetic studies for management unit & risk as- sessment

### DNA Barcoding Training

APRI Executive Director Dr. Hawis Madduppa give a training about biota identification technique by DNA barcoding on 25 September 2019 in Jakarta. This training delivered to 17 blue swimming crab processors and Technical Implementation Unit of Fish Quarantine, which was conducted by Center of Quality Control, Center of Fish Quarantine, Quality Control and the Safety of Fisheries/Badan Karantina Ikan, Pengendalian Mutu dan Keamanan Hasil Perikanan (BKIPM). The training is a part of BKIPM event that is The Review of Fisheries Product Health Certification System.



### Vessel Tracking System (VTS)

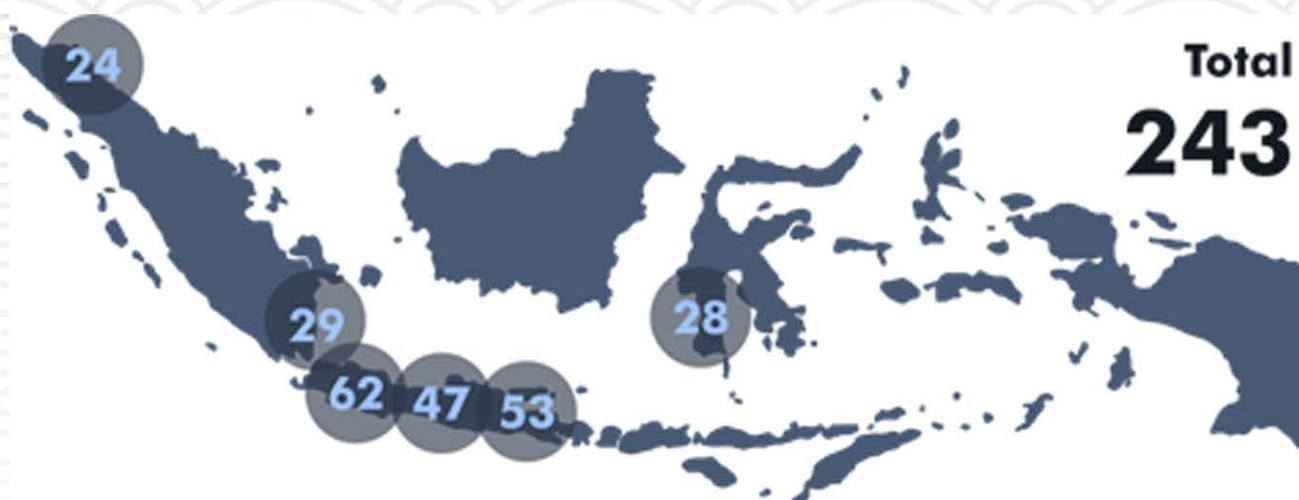
Applied on the fishermen vessels/boats in 3 locations that are Rembang, Pamekasan, and Konawe Selatan. The vessel tracking system using "TREKfish" which made by Prof. Dr. Ir. Indra Jaya, M. Sc. and team from IPB University. The distribution and installation of TREKfish in Rembang is on 20 August 2019 and follow with Pamekasan in 21 August 2019. And for Konawe Selatan, it distributed and installed on 6 Oktober 2020. Currently, it still use to record the vessel movement where the maintenance and reporting in the field done by APRI community organizer.











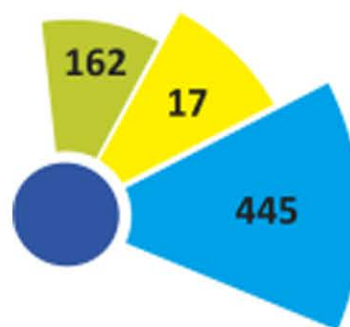
## Control Document & Audit System

A supply chain device that is used to support the implementation and compliance with the rules that apply to Indonesian crab fisheries, while at the same time improving the quality of exported crab products.

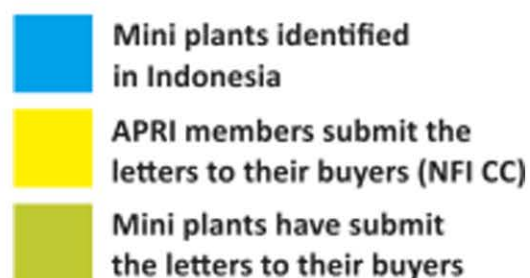
Control document audit conducted on January 2019-February 2020 on 17 APRI members. Audit focusing on the mini plant with checking the compliance of the document, Minimum Legal Size (MLS), and Egg Berried Female (EBF).

Province	% Compliance DOC	% Compliance MLS	% Compliance EBF
East Java	43.16	94.04	96.30
Central Java	40.11	99.76	92.56
West Java & Banten	25.42	99.16	99.90
Lampung	39.20	99.91	92.44
North Sumatera	49.84	98.81	99.30
South Sulawesi	30.92	99.49	99.07

## Letter of Warranty Implementation



The committee will assess and evaluate the control document audit. On 22 April 2019, the committee conduct the meeting at the Mina Bahari III Building, MMAF, Jakarta. And in 26 February 2020, there is a follow up meeting where APRI described what had been done to complete the document control in 7 provinces (East Java, Central Java, West Java, Banten, Lampung, North Sumatera, and Southeast Sulawesi)





## FGD on Mapping Mini Plant



### **Bangka Belitung**

Asosiasi Pengelolaan Rajungan Indonesia (APRI) collaboration with BKIPM Bangka Belitung Province, Bappenas, and United Nations Development Program (UNDP)

### **South Sulawesi**

BKIPM Makassar collaborating with Bappenas, UNDP, and APRI

### **North Maluku**

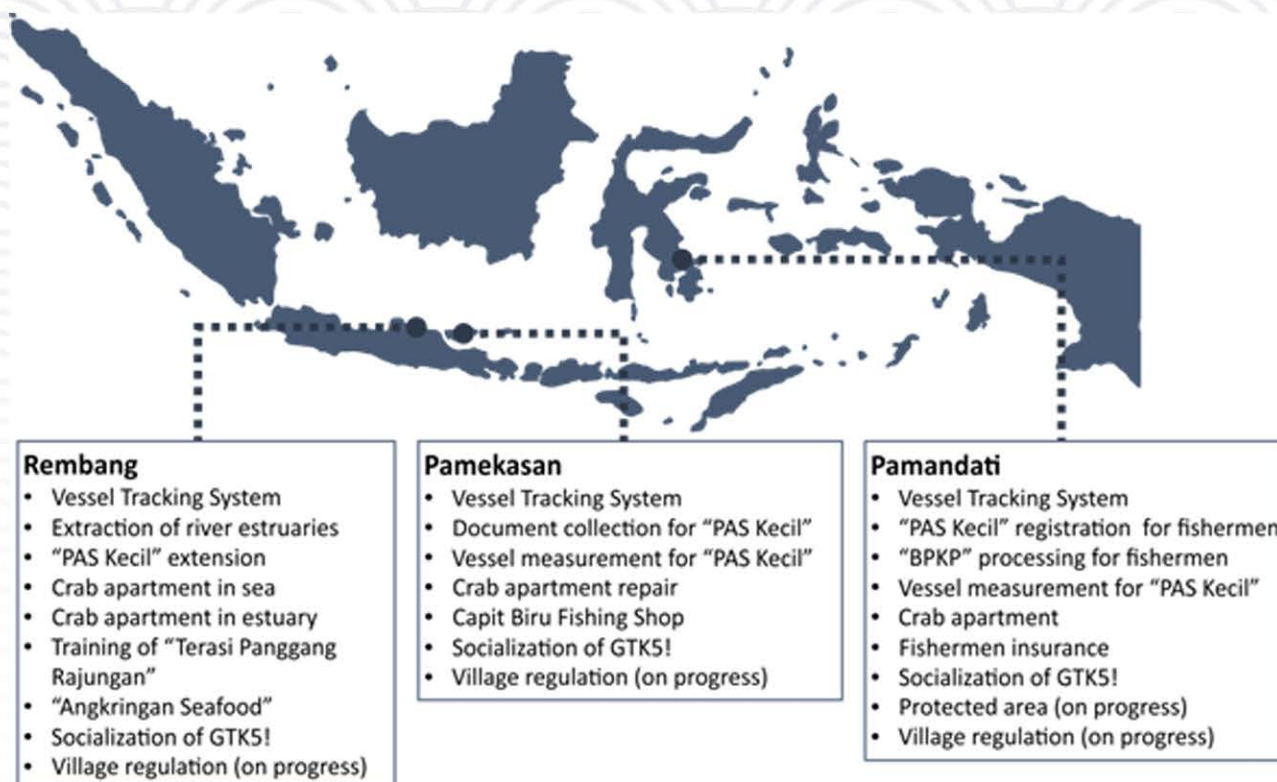
Focus Group Discussion: Mapping Miniplant of Blue Swimming Crab in North Maluku Province held in collaboration with the BKIPM Ternate, Bappenas, and UNDP

### **West Papua**

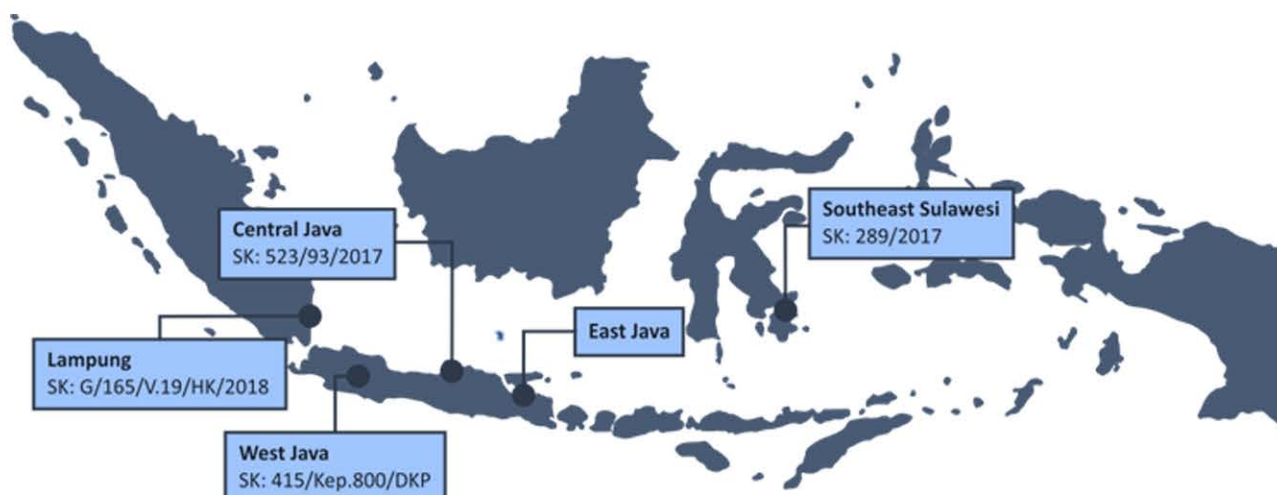
SKIPM Sorong collaborating with Bappenas, UNDP, and APRI



## CO-Management



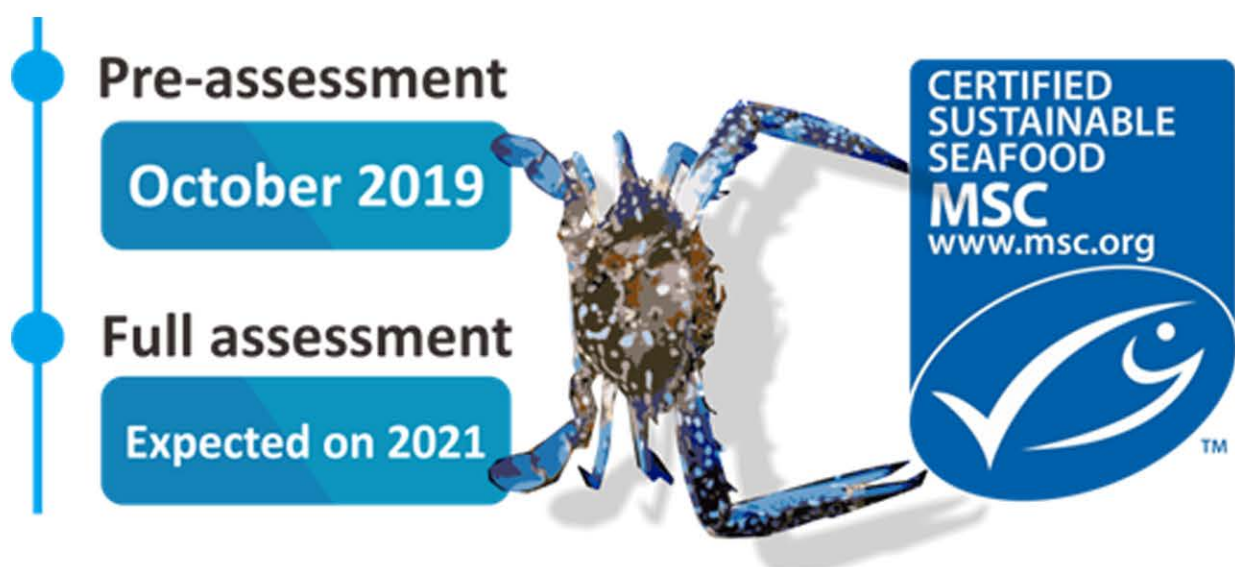
## Establish Fisheries Management Council





# MSC CERTIFICATION *Progress*

Asosiasi Pengelolaan Rajungan Indonesia (APRI)/Indonesian Blue Swimming Crab Association as an organization which is focusing on the sustainability of blue swimming crab fisheries always developing the programs to realize it. In this time, APRI try to get the Marine Stewardship Council (MSC) certification for the sustainability of the blue swimming crab resources and industry. Previously, MMAF and MSC had signed MOU on 27 August 2019 regarding support for enhancing capture fisheries and sustainable markets in Indonesia. And it continued by the preparation of Annual Work Plan/Rencana Kerja Tahunan (RKT) 2019-2022 between MSC and local government in the location of the activity that is East Java, South Kalimantan, West Nusa Tenggara, Maluku, and Bali on 1-2 October 2019 in Jakarta. MSC certification itself is an ecolabel which is showing that a seafood product was fulfill various criterias for sustainability. In order to realize the MSC certification for blue swimming crab fisheries, APRI done the MSC pre-assessment in Madura. Blue swimming crab fisheries being one of the fisheries that pre-assessed through the Fish for Good funding. The site visit for pre-assessment proses conducted on 18-20 October 2019 with take place in Madura Island, especially in Bangkalan and Pamekasan District. Currently, APRI has done the MSC pre-assessment. The recommendation from pre-assessment has presented by Conformity Assessment Bodies (CABs) with MMAF and APRI on 18 June 2020. The recent activities is the preparation of action plan from the recommendation. The first step is socialization and coordination with local government, formation of working group, and preparation of action plan document. And MSC full assessment is expected on 2021.







# 19

# December

APRI End Year Quarterly Meeting and MUNAS APRI 2020

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





# FIP SUMMARY





## FISHERY IMPROVEMENT PROGRAM (FIP)

The organization APRI - whose members include over 30 seafood industry businesses and processors - covers more than 85% of purchased crab in Indonesia. All members involved are working to promote not only sustainable crab harvest, but a sustainable supply chain as well. The FIP aims to support scientific research through collaborations with universities, to develop a national Fishery Management plan through a partnership with the Ministry of Marine Affairs and Fisheries, and to establish community based fishery management by working with local fishing communities. The FIP is meant to have a lasting impact on the sustainability of the fishery's supply chain, on blue swimming crab resources, and also on the ecosystem where the species is harvested.

### FIP Objective(s)

- Work plan and transition Indonesia Blue Swimming Crab Fisheries to MSC full assessment within the prescribed 3-years
- Change practices (no take of small crabs/juveniles, no take of eggbearing females), increase the stocks, develop policies that protect and sustain crabs (including protection of nursery ground, spawning area) by end of December 2022
- Develop a management plan for Indonesian blue swimming crab that includes community resources management that protects nursery ground; produce a control document by end of December 2018
- 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 by end of December 2018

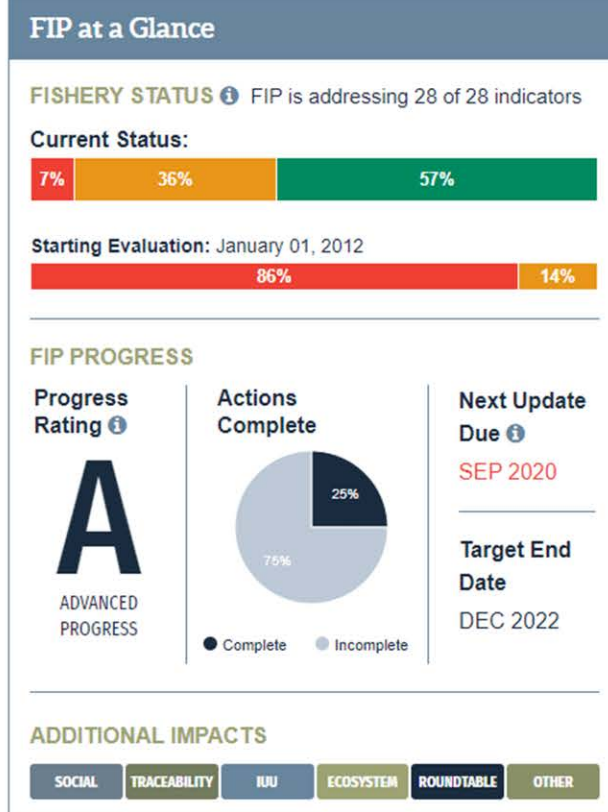


The FIP currently at **SFP Stage 5 : Improvements on the Water** – and Progress Rating got A (Advanced Progress)

The blue swimming crab fisheries has been assessed in 2015 using the MSC's Fishery Assessment Methodology (V2.0). Current score SG < 71 MSC's standard for sustainable blue swimming crab fisheries

More Info :

**FISHERY**  
**PROGRESS.ORG**







# INFOGRAPHIC



# Blue Swimming Crab

*Profile*

## Fishing Gear

Sustainable gear fishing for blue swimming crab are gillnet or trap (Bubu)



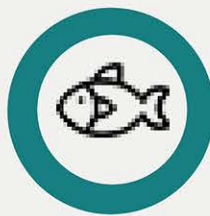
## CHALLENGES

- Over exploitation of blue swimming crabs
- Using Not Environmentally Friendly Fishing Gear
- Undersize and egg-berried Femele Capture

## NON - TARGET SPECIES (NTS)



Hermit Crab



Fish



Belangkas

## EMPLOYEE ASPECT

Collector

35.000  
10.000

Mini Plant

140.000  
7.000

## BSC EXPORT 2020

Percentage of Export Volume  
based on Destination Country

 2.01%

 85.11%



## FIP PROGRESS



The FIP currently  
**on the Water**  
(Advanced Progress)

The blue swimming crab was  
assessed in 2020 using the  
Management Methodology  
**MSC's** standard for  
crab fisheries

The blue swimming crab was  
assessed using the  
Seafood Watch

Processing Plant

10.000  
5.000





## PARTICIPANT

# 18

Group  
Company

# 35

Processing  
Plant

2.11%

1.07%

2.21%

2.91%

0.96%

0.95%

0.50%

### TARGET SPECIES

0.67%



ntly at **SFP Stage 5 : Improvements**  
er – and Progress Rating got A  
ogress)

swimming crab fisheries has been  
015 using the MSC's Fishery Assess-  
olodoly (V2.0). **Current score 71**  
ard for sustainable blue swimming

swimming crab fisheries has been  
ng the Monterey Bay Aquarium's  
h Criteria of capture Fisheries (v2.0)

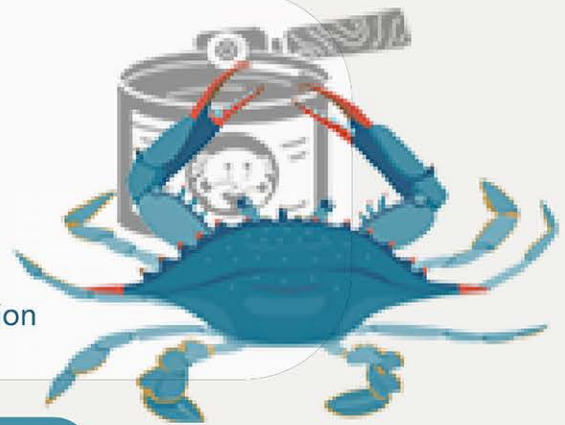
### Volume

**7,69** Thousand  
Ton

### USD Value

**136,95** million

Source : BKIPM Per Semester 1  
Tahun 2020



<http://fisheryprogress.org/>

Lead : Indonesian Blue Swimming Crab (APRI)

## BSC 2020 FISHING AREA





**Asosiasi Pengelolaan Rajungan Indonesia**

Jl. Dukuh Kupang Timur XI No. 33, Surabaya, East Java, Indonesia

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