

Report of Second Regional Technical Consultation on

ENHANCING COASTAL COMMUNITY RESILIENCE FOR SUSTAINABLE LIVELIHOOD AND COASTAL RESOURCE MANAGEMENT

Makassar, Indonesia / 24 - 27 August 2017



REPORT OF
SECOND REGIONAL TECHNICAL CONSULTATION ON ENHANCING COASTAL
COMMUNITY RESILIENCE FOR SUSTAINABLE LIVELIHOOD AND COASTAL RESOURCES
MANAGEMENT

24-27 August 2017
Swiss-bel Hotel, Makassar, Indonesia

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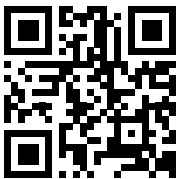


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**SECOND REGIONAL TECHNICAL CONSULTATION ON ENHANCING
COASTAL COMMUNITY RESILIENCE FOR SUSTAINABLE LIVELIHOOD AND
COASTAL RESOURCES MANAGEMENT**

24-27 August 2017

Swiss-bel Hotel, Makassar, Indonesia

INTRODUCTION

1. The Second Regional Technical Consultation on Enhancing Coastal Community Resilience for Sustainable Livelihood and Coastal Resources Management was organized by SEAFDEC/MFRDMD in collaboration with Ministry of Marine Affairs and Fisheries (MMAF) at Swiss-bel Hotel, Makassar, Indonesia from 24-27 August 2017. The meeting was attended by the representatives and stakeholders from Indonesia and Malaysia, the Chief and Officials from SEAFDEC/MFRDMD, Officials from MMAF and local government. The list of participants appeared in [Annex 1](#).

OPENING OF THE MEETING

2. Mr. Burhanuddin Baharuddin the Head of Takalar District and Dr. Tukul Rameyo Adi Director of Research Centre for Marine and Fisheries Socio Economic delivered their welcome remarks. They extended their gratitude for choosing Makassar as a venue for the Regional Technical Consultation on Enhancing Coastal Community Resilience for Sustainable Livelihood and Coastal Resource Management.
3. Mr. Raja Bidin Raja Hassan, the Chief of SEAFDEC/MFRDMD expressed appreciation to the host country Indonesia, especially MMAF. He also likes to take this opportunity to thank all of participants and observers for sparing their valuable time to attend this regional consultation. He also informed the meeting that representative from Brunei Darussalam was unable to attend the meeting due to unforeseen circumstances. He stressed the need to enhance coastal community resilience for sustainable livelihood and coastal resources management through capacity building and special trainings. Then he declared the opening of the meeting. His speech appeared in [Annex 2](#).

ADOPTION OF AGENDA AND OVERVIEW OF THE PROJECT

4. This session was chaired by Mr. Abdul Razak Latun, Special Departmental Coordinator (SDC) of SEAFDEC/MFRDMD. He started the session by requesting all participants to introduced themselves. Ms Mazalina Ali, the Project Coordinator presented the Provisional Agenda and Timetable of the meeting. The agenda was adopted without amendment. The Agenda and Timetable appeared in [Annex 3](#).
5. Ms. Mazalina Ali presented the overview of the project. In the presentation she mentioned that fishing is a major occupation for Muslim coastal community in Southeast Asia Region. The project intended to enhance the capacity and capability

of fishers and woman groups in the communities. Outcomes of the project are to improve and stabilize the production of food supply in targeted coastal communities. Three (3) project sites have been selected in Brunei Darussalam, Indonesia and Malaysia. The budget of USD 250,000 was funded by the Islamic Development Bank (IDB) based in Jeddah. The agreement between SEAFDEC and IDB was signed on 18 November 2015 with SEAFDEC/MFRDMD as the lead department. The first Regional Technical Consultation (RTC) for this project was held in Kuala Lumpur from 16 to 19 July 2016. This project consists of three major activities. The first activity is a community survey and assessment (Activity 1.0) followed by capacity building and strengthening of local fisheries association (Activity 2.0) and capacity building of the coastal communities for sustainable livelihoods and resources management (Activity 3.0). Her presentation appeared in [Annex 4](#).

PRESENTATION ON PROJECT PROGRESS REPORT

6. The focal point from Indonesia and Malaysia presented the project progress report. Prof. Zahri Nasution, focal point from Indonesia presented the progress report for the project in Takalar District, Makassar. District of Takalar in South Sulawesi Province was chosen as the target communities since 99% of the population in this area are Muslims. Three project activities have been implemented and still on-going in Takalar district. During the data collection and survey, 53 respondents were interviewed, where 42 of them are fishermen and seaweed farmers including coastal women and fishermen's wives and 11 others are relevant stakeholders. Seaweed farmers in Takalar District involved in production and trade of *Glacilaria* spp and *Eucheuma* sp. The survey also revealed that respondents are aware of the impact of climate change and natural disaster. He also pointed out the capacity building need of the coastal communities in Takalar district for cultivation technique, processing and financial management. Capacity building and strengthening of fisheries associations training on leadership, advocacy and community development have been conducted. Participatory training on resources management and conflict management for sustainable livelihood were also organized. The main issues during the project implementation are lack of capital, business management and access to funding. His presentation appears in [Annex 5](#).
7. Ms. Norlizawati Ibrahim, the focal point from Malaysia, presented the project progress report. Tok Jembal Village in Kuala Nerus district was chosen as the targeted community for the project. It was estimated that 200,000 people resides in this district with 11 major fishermen jetties. During the survey and data collection, six communities were interviewed involving 207 respondents. Most of the respondents work as fishermen. According to her, the Department of Fisheries Malaysia conducted training programs on motivational and awareness on fisheries management and up skilling for the communities. The training conducted was fibreglass boat and outboard engine repair and maintenance and food processing from fish base product. She emphasizes the issue of budget limitation during the project implementation and the urgency of advanced course for strengthening the capacity of communities. Her presentation appears in [Annex 6](#).

PRESENTATION ON LESSONS LEARNED FROM THE PROJECT

8. Mr. Muhammad Kasim the community leader of Laikang Village, Takalar district, Indonesia presented on lessons learned from the project. Most of the communities' member are working as seaweed farmers. The major economic activities of the community are seaweed and lobster cultures, as well as traditional fisheries. They also work as construction worker and plantation farmers to earn additional income. They are low income earners without any saving. This situation leads to limited capacity to invest in processing and trading seaweed products. He mentioned that this situation can be due to low educational background and lack of cooperation among the farmers to develop their business. Other than that, the seasonality of seaweed production also contributed to this problem. He identified that the coastal community can take advantage of other economic opportunities such as agro-tourism and handicrafts industry from seashells due to high market demand, accessibility to diverse and low cost raw materials and close proximity to Makassar City. According to him, this project has motivated and positively impacted the community. He reiterates the future planning after this project will focus on the establishment of community-based cooperation on product entrepreneurship in Laikang Village. His presentation appeared in [Annex 7](#).
9. Mr. Musa Mamat, the Community Leader of Tok Jembal Village, Malaysia, presented on lessons learned from the project. During the project implementation, the communities' perception changed positively, with their livelihood and income diversified. Economical activities involved capture fisheries and post-harvest processing as well as marketing and trade. Additional technical assistance on this matter was contributed by government agencies such as Department of Fisheries Malaysia and Fisheries Development Authority (LKIM). According to him, the community in Tok Jembal have a strong cooperation among them, as well as high diversity of resources and capital that can be further develop. He also hopes for establishment of a committee in his area to assist acquisition of capital and capacity building of the community. Future activity will focus on selling of fresh fish by local community direct to tourist for consumption at nearby restaurant. His presentation appeared in [Annex 8](#).

DISCUSSION ON THE ISSUES DURING PROJECT IMPLEMENTATION

10. This session was chaired by Mr. Raja Bidin Raja Hassan, Chief of SEAFDEC/MFRDMD. He requested country to highlight the impact of the project. From the discussion, both member countries have highlighted the impacts as summarized below;

Indonesia	Malaysia
The major positive impact during the implementation of this project has been seen in the processing of the seaweed product as well as handmade craft from seashells waste for tourism industry	The training provided for repairing and making fibreglass vessel has resulted in cost reduction. A 12 meters fiberglass vessel can be built 50% cheaper at RM16,000 that could be used for agro-tourism industry.
Internship and training conducted under this project provide new potential alternative livelihood for coastal community based on business cluster and type of products (seaweed and seashell product) that will be managed by Badan Usaha Milik Desa and Cooperative.	This project shortened the marketing chain by providing platform and restaurant for direct selling of fresh fish by the fishermen
This project has attracted interest from local government agencies in providing help and assistance for product certification i.e. halal, hygiene status etc.	This project supports the development of keropok lekor industry in large scale with involvement of more local coastal communities.
This project will attract interest for Corporate Social Responsibilities (CSR) from corporation, provided all products met acceptable criteria, standard and quality.	

11. Issues during the project implementation have been discussed. It was noted that the funding received from this project will not cover the facilities and infrastructure development including machineries required by the local coastal community. To ensure the continuity of this project, funding might be secured from other sources, such as Japanese Trust Fund program with possible involvement of all SEAFDEC Member Countries. This project will be terminated on November 2017 and possible continuation of activities will depend on funding availability.

12. Meeting has recommended for the terminal project meeting to be held in Brunei Darussalam. This terminal meeting envisages preparing the guideline for project implementation in enhancing coastal communities' resilience based on the outcomes and experience of the participating member countries (Brunei Darussalam, Indonesia and Malaysia).

DISCUSSION ON FOLLOW UP ACTIONS BY EACH PARTICIPATING COUNTRY

13. Chairperson has highlighted the problem in progress report submission to SEAFDEC/MFRDMD which has delayed the report submission to IDB headquarters in Jeddah. He hoped that this issue will not happen during the final period before project termination. He has requested member countries to complete their reports as below. SEAFDEC/MFRDMD are willing to help member countries in preparing this final progress report if required.

Action	Responsibility	Deadline
Fifth Progress Report	Country	31 August 2017
Sixth Progress Report	Country	15 October 2017
Final Report	Country	25 November 2017
Terminal Report	SEAFDEC/MFRDMD	2 December 2017
Printing Terminal Report	SEAFDEC/MFRDMD	31 December 2017

14. The meeting suggested future activity after the project termination as below:

Indonesia	Malaysia
Monitoring and evaluation process will be conducted in collaboration with local government.	Encourage fishermen to join Fisheries Management Committee known local as Kumpulan Pengurusan Sumber Perikanan (KPSP) with more emphasis given to resources management and agro-based industry.
The future business development activities will be supervised and assistance by community leader.	Government roles such as project consultation and coordination, supervision, resources linker, networking, promotion, training and monitoring.
The project will be extended to the other coastal communities in the country with funding from the government, regional and international bodies.	

ADOPTION OF THE REPORT AND CLOSING OF THE MEETING

15. Mr Raja Bidin Raja Hassan expressed his sincere appreciation to everyone for their cooperation and active participations during the meeting. He then thanked to all participants as well as members of the secretariat for making this meeting a success. Lastly, he wished everyone a safe journey home and then declared the meeting closed.

Welcome Participants Of
THE REGIONAL TECHNICAL CONSULTATION ON
ENHANCING COASTAL COMMUNITY RESILIENCE FOR
SUSTAINABLE LIVELIHOOD AND COASTAL RESOURCES MANAGEMENT
24 - 27 AUGUST 2017, MAKASSAR, INDONESIA



ANNEX 1: LIST OF PARTICIPANTS

INDONESIA	
<p>Prof. Zahri Nasution Senior Researcher for Research Center of Marine and Fisheries Socio Economic, MMAF Republic of Indonesia</p>	<p>Balai Besar Riset Social Economy, Marine Affairs and Fisheries Gd. Badan Penelitian dan Pengembangan Kelautan dan Perikanan 1 Lantai 3, JL Pasir Putih 1, Ancol Timur, Jakarta Utara 14430 Indonesia Tel: +6282112450747 Fax: +62 21 64700929 Email: zahri_nas@yahoo.com</p>
<p>Dr. Achmad Zamroni Researcher for Research Center of Marine and Fisheries Socio Economic, MMAF of Indonesia</p>	<p>Balai Besar Riset Social Economy, Marine Affairs and Fisheries Gd. Badan Penelitian dan Pengembangan Kelautan dan Perikanan 1 Lantai 3, JL Pasir Putih 1, Ancol Timur, Jakarta Utara 14430 Indonesia Tel: +628976723394 Fax: +62 21 64700929 Email: roni_socio@yahoo.com</p>
<p>Ms. Tenny Apriliani Reseacher</p>	<p>Balai Besar Riset Social Economy, Marine Affairs and Fisheries Gd. Badan Penelitian dan Pengembangan Kelautan dan Perikanan 1 Lantai 3, JL Pasir Putih 1, Ancol Timur, Jakarta Utara 14430 Indonesia Tel: +62 21 64711583 Fax: +62 21 64700924</p>
<p>Ms. Nila Mustika Wati</p>	<p>Balai Besar Riset Social Economy, Marine Affairs and Fisheries Gd. Badan Penelitian dan Pengembangan Kelautan dan Perikanan 1 Lantai 3, JL Pasir Putih 1, Ancol Timur, Jakarta Utara 14430 Indonesia Tel: +62 21 64711583 Fax: +62 21 64700924</p>
<p>Mr. Andi Soesmono Head of Regional and Multilateral Cooperation</p>	<p>Biro Kerjasama dan Humas Kementerian Kelautan dan Perikanan Gd. Mina Bahari 1, Lantai 5, Jl. Medan Merdeka Timur No 16, Jakarta Pusat Tel: +62 21 3519070 ext 7433 Fax: +62 21 3864293</p>
<p>Mr. Muhammad Kasim Community Leader of Takalar District</p>	<p>Dusun Puntondo Desa Laikang Kecamatan Mangarabombang Kabupaten Takalar Tel: +62 821 87581742</p>

MALAYSIA	
Ms. Norlizawati Ibrahim Fisheries Officer	Pejabat Perikanan Negeri Terengganu Taman Perikanan Chendering, 21080 Kuala Terengganu Terengganu, Malaysia Tel: Fax:
Mr. Mohd Ridzuan Mohammad Mokhtar Fisheries Officer	Jabatan Perikanan Malaysia Bhg Pengembangan dan Pemindahan Teknologi Aras 3, Podium 1, Wisma Tani 62628 Putrajaya Tel: +603 88704557 Fax: +603 88704551
Mr. Musa Mamat Community Leader of Tok Jembal	Jabatan Pendidikan Kuala Nerus SK. Teluk Ketapang 21300 Kuala Nerus Tel: +609 6665885
SEAFDEC/MFRDMD	
Mr. Raja Bidin Raja Hassan Chief of SEAFDEC/MFRDMD	SEAFDEC/MFRDMD, Taman Perikanan Chendering, 21080 Kuala Terengganu Terengganu, Malaysia Tel: +609-6175940 Email: adnan@seafdec.org.my
Mr. Abdul Razak Latun Head of Fisheries Oceanography and Resources Enhancement Section	SEAFDEC/MFRDMD, Taman Perikanan Chendering, 21080 Kuala Terengganu Terengganu, Malaysia Tel: +609-6175940 Email: abdulrazaklatun@seafdec.org.my
Ms. Mazalina Ali Project Coordinator	SEAFDEC/MFRDMD, Taman Perikanan Chendering, 21080 Kuala Terengganu Terengganu, Malaysia Tel: +609-6175940 Email: mazalina@seafdec.org.my

MEETING SECRETARIAT

<p>Mr. Ahmad Firdaus Siregar Abdullah Rapporteur/Meeting Secretariat</p>	<p>SEAFDEC/MFRDMD, Taman Perikanan Chendering, 21080 Kuala Terengganu Terengganu, Malaysia Tel: +609-6175940 Email: afirdaus@seafdec.org.my</p>
<p>Mr. Adam Luke Pugas Rapporteur/Meeting Secretariat</p>	<p>SEAFDEC/MFRDMD, Taman Perikanan Chendering, 21080 Kuala Terengganu Terengganu, Malaysia Tel: +609-6175940 Email: alp@seafdec.org.my</p>

ANNEX 2: OPENING ADDRESS BY CHIEF OF SEAFDEC/MFRDMD

Assalamualaikum and very good morning. Thanks to our MC

Director

Research Center for Marine and Socio Economics, MMAF, Dr. Tukul Rameyo Adi;

Head of Takalar District, Pak Burhanudin Baharuddin

Invited guest from the local and central agencies in Indonesia

Distinguish participants from Indonesia and Malaysia;

My colleagues from MFRDMD

Observers from the local government agencies;

Ladies and gentlemen,

First of all, I would like to express my appreciation to the host country, Indonesia, especially MMAF and officers from SEAFDEC/MFRDMD for organizing this Regional Technical Consultation on Enhancing Coastal Community Resilience for Sustainable Livelihood and Coastal Resource Management. I would also like to take this opportunity to thank all of you for sparing your valuable time to attend this regional consultation.

My sincere thanks and gratitude goes to Islamic Development Bank (IDB) for funding support in this project with the ultimate aim to improve livelihoods of Muslim coastal communities through community fisheries organization and governance on coastal resources. This project which was initiated in 2015 has seen three (3) countries in this region as target beneficiaries, namely Brunei Darussalam, Malaysia and Indonesia, where pilot sites has been selected for project implementation. Unfortunately, our colleagues from Brunei Darussalam are not able to join us for this meeting due to unforeseen management issue.

Ladies and gentlemen,

Intensified domestic and international demand for fish and fishery products in this region is often resulted in excessive exploitation of aquatic resources. Opportunity created by this situation will definitely affect the coastal communities, which economically dependence on fisheries associated activities, such as fish processing, boat processing, net making, etc.

Small scale fishermen keep on increasing, and the coastal villages are growing in number and size. Whenever fishery resources are threatened, fishers' community found themselves compete with each for harvesting leftover resources. This leads to the scenario that our fishermen push the resources down both in terms of quality and quantity; and they will be finally caught in a poverty trap.

To assist fisheries communities from these consequences, community resilience need to

be enhanced. Appropriate management measures on coastal resources should require special attention, together with strengthening the community fisheries organizations; with urgent attention on its capacity building.

As stated in the prospectus, the purpose of this meeting is mainly to discuss on current status and issues during project implementation in Brunei Darussalam, Indonesia and Malaysia. Through information sharing among countries, the meeting will discuss follow up actions to extend the project at national level of each participating country after the IDB project termination.

Since the task ahead of us is indeed enormous, I would not take much of your time. Before I end my short speech, let me reiterate our request for your cooperation and active participation during the meeting and discussion. We are free to use Bahasa, because we are under the same culture or "rumpun", there should be no excuse for all of us.

In the name of Allah the most Great and Merciful, Ladies and Gentlemen, I am now declare this meeting officially open. Thank you and good day!

ANNEX 3: PROVISIONAL AGENDA AND TIME TABLE

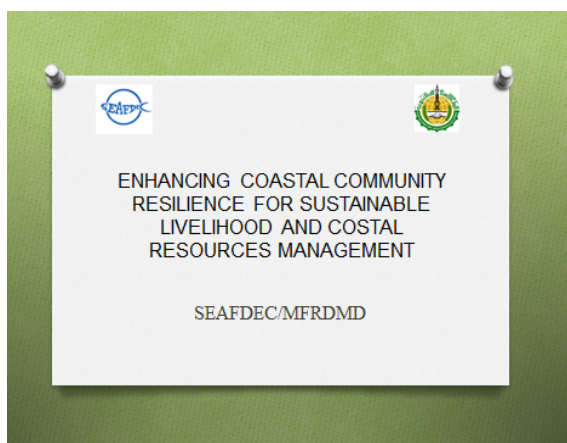
PROVISIONAL AGENDA AND TIME TABLE	
23 August 2017 (Wednesday)	
Arrival of participants	
Day 1: 24 August 2017 (Thursday)	
0830 - 0900	Registration
Agenda 1: Opening of the Meeting (Emcee: Mr. Firdaus)	
0900 - 0910	Welcome Remarks by Head of Takalar District, Mr. Burhanuddin Baharuddin
0910 - 0920	Welcome Remarks by Director of Research Centre for Marine and Fisheries Socio Economic, Dr. Tukul Rameyo Adi
0920 - 0930	Opening Address by Chief of SEAFDEC/MFRDMD
0930 - 0940	MoU Sign between Takalar District Local Agency and BRSDMKP (BBRSEKP and BBAP Maros) about Socio and Technical Mud Crab Culture Research
0940 - 1015	Group Photo and Refreshment
Agenda 2: Adoption of Agenda and Overview of the Project	
<i>Chairperson: Special Departmental Coordinator of SEAFDEC/MFRDMD</i>	
1015 – 1025	Adoption of the Meeting Agenda by Project Coordinator
1025 – 1045	Overview of the IDB project by Project Coordinator
Agenda 3: Presentation on Project Progress Report	
<i>Chairperson: Special Departmental Coordinator of SEAFDEC/MFRDMD</i>	
1045 – 1115	Presentation by focal point Indonesia
1115 – 1145	Presentation by focal point Malaysia
1145 – 1215	General Discussion
Agenda 4: Presentation on Lessons Learned from the Project	
<i>Chairperson: Special Departmental Coordinator of SEAFDEC/MFRDMD</i>	
1215 - 1400	Lunch Break
1400 - 1430	Presentation by community leader Indonesia
1430 - 1500	Presentation by community leader Malaysia

1500 - 1530	Refreshment
Agenda 5: Discussion on the Issues during Project Implementation <i>Chairperson: Chief of SEAFDEC/MFRDMD</i>	
1530 - 1700	Discussion on the issue to implement the project

Day 2: 25 August 2017 (Friday) <i>Chairperson: Chief of SEAFDEC/MFRDMD</i>	
0800 - 1130	Visit to Fishing Port, Makassar
1130 - 1430	Lunch Break
1430 - 1530	Summary of discussion on the status and issue to implement the project
1530 - 1600	Refreshment
Agenda 6: Discussion on Follow Up Actions by Each Participating Country <i>Chairperson: Chief of SEAFDEC/MFRDMD</i>	
1600 - 1700	Discussion on the follow up actions by country to extend the project activity at national level after the project termination – Indonesia and Malaysia
Day 3: 26 August 2017 (Saturday) <i>Visit to Community Project Sites at Takalar District, Makassar</i>	
0800 - 1000	Travel to the community at Takalar District, Makassar
1000 - 1200	Visit community at Takalar District, Makassar:
	1. Longline System Seaweed Farm Observation
	2. Brackish Water Seaweed 'Lawi Lawi' Observation
	3. Release / Harvest Mud Crab
1200 - 1400	Lunch at Takalar

1400 - 1500	Continued Visit:
	1. Seaweed Processing Product Demonstration and Training Result Expo
	2. Clamshell Processing Product Demonstration and Training Result Expo
1500 - 1700	Travel back to Makassar
Day 4: 27 August 2017 (Sunday)	
Agenda 7: Adoption of the Report and Closing of the Meeting	
<i>Chairperson: Special Departmental Coordinator of SEAFDEC/MFRDMD</i>	
0800 - 1000	Preparation for the meeting report
1000 - 1030	Tea Break
1030 - 1200	Adoption of the meeting report
1200 - 1230	Closing Remarks by Chief of SEAFDEC/MFRDMD
1230 -	Lunch
28 August 2017 (Monday)	
<i>Departure of participants to home country</i>	

ANNEX 4: THE OVERVIEW OF THE PROJECT



INTRODUCTION

- The Southeast Asian region is home to the largest Muslim populations in the world with most of the Muslim communities are in coastal areas with fishing as an ethnic occupation.
- The fishers' over-dependence on the coastal fisheries resources has however, led to over-exploitation and degradation of the resources also threatens the livelihood of coastal fishing communities.
- This leads to the tragedy of fishermen driving resources down both in terms of quality and quantity; and they will be finally caught in a poverty trap.

INTRODUCTION

- To assist the fisheries communities, the need to build up and strengthen community resilience to ensure sustainable livelihood of coastal communities, has become very urgent.
- Enhancing coastal community resilience for sustainable livelihood and coastal resources management involved various cross cutting issues; require strong commitment and coordination from the national government, organizations and local institutions.
- This project is funded by Islamic Development Bank (IDB) aims to improve the socio-economic status of the coastal community through the community fisheries organization and governance ASEAN/IDB Member Countries (Brunei Darussalam, Indonesia and Malaysia).

OBJECTIVES

- To enhance the capacity and capability of fishers and women in the fishing community to improve their social well-being and contribute to poverty alleviation; and
- To build the capacity of the fishing communities to engage in sustainable livelihoods and improved coastal resource management.

OUTCOMES OF THE PROJECT

- The region's Muslim fishing communities and stakeholders undertaking sustainable livelihood activities in fisheries and coastal resource management,
- The standard of living for coastal communities improved and food security in terms of food supply and job opportunities enhanced while the coastal environment is protected and conserved, and
- The community fisheries organizations significantly involved in planning and implementation of economic, development, and coastal resource management activities.

PROJECT SITES

Country	Project Sites
Brunei Darussalam	Kg. Sungai Bunga and Kg. Serasa, Muara District
Indonesia	Laikang Village, Takalar District, South Sulawesi Province.
Malaysia	Tok Jembal Village, Kuala Nerus District, Peninsular Malaysia.

PROJECT BUDGET

- The total funding allocated for the project by IDB is USD250,000
- First disbursement amounting USD125,000 received in March 2016.
- Second disbursement amounting USD125,000 received in June 2017.

FUND TRANSFER

Disbursement	Transfer to Country	Amount (USD)
First	First Remittance	6,100
	Second Remittance	29,300
	Sub-total	35,400
Second		16,700
	Total	52,100

PROJECT PROGRESS

- The Technical Assistance Grant Agreement was signed on 18 November 2015 between SEAFDEC and IDB with SEAFDEC/MFRDMD as the Lead Department.
- The duration of this project is 24 months from the signed date.
- The project started with appointment of a focal point and the working team for Brunei Darussalam, Indonesia and Malaysia.

ACTIVITY PROJECT

- Activity project:
 - Activity 1: Community Survey and Need Assessment,
 - Activity 2: Building and Strengthening of Fisheries Associations,
 - Activity 3: Capacity Building of Coastal Communities on Sustainable Livelihoods and Resource Management,
 - Activity 4: Project Management

ACTIVITY 1: COMMUNITY SURVEY AND NEED ASSESSMENT

- The main objective of this activity is to establish a baseline community information in order to formulate appropriate action plan and activities for sustainable management of the coastal resources and sustainable livelihoods in fisheries.
- Sub-activity:
 - Regional technical consultation involving the focal points and working teams from Brunei Darussalam, Indonesia and Malaysia
 - Needs assessment survey in the selected communities in Brunei Darussalam, Indonesia and Malaysia.
 - Identification and prioritization of capacity building activities needed for community based on needs assessment survey.

ACTIVITY 1: COMMUNITY SURVEY AND NEED ASSESSMENT SUB-ACTIVITY: 1

- Regional Technical Consultation (RTC) on Enhancing Coastal Community Resilience for Sustainable Livelihood and Coastal Resources Management in Kuala Lumpur, Malaysia from 16 – 19 May 2016.
- Objectives:
 - To discuss the planning of the project and selection of the community in Brunei Darussalam, Indonesia and Malaysia, respectively.
 - To harmonize the draft questionnaire for "problem and need assessment" of the selected coastal communities in Brunei Darussalam, Indonesia and Malaysia.
 - Video conference with IDB Jeddah.
- Participants (19 person):
 - Four participants from Brunei Darussalam, Indonesia and Malaysia,
 - A representative from Islamic Development Bank,
 - Chief, SDC, project coordinator, officials from SEAFDEC /MFRDMD,
 - One resource person from UPM and
 - One observer from German International Cooperation

ACTIVITY 1: COMMUNITY SURVEY AND NEED ASSESSMENT SUB-ACTIVITY: 2

- Needs assessment survey was conducted from July – August 2016 in Brunei DS, Indonesia and Malaysia.
- Objectives:
 - To obtain basic information about the activities of coastal fishing communities
 - To identify and prioritize community activities for technology transfer and human resource development.
- Participants:
 - Brunei Darussalam: 160 participants
 - Indonesia: 73 participants
 - Malaysia: 207 participants

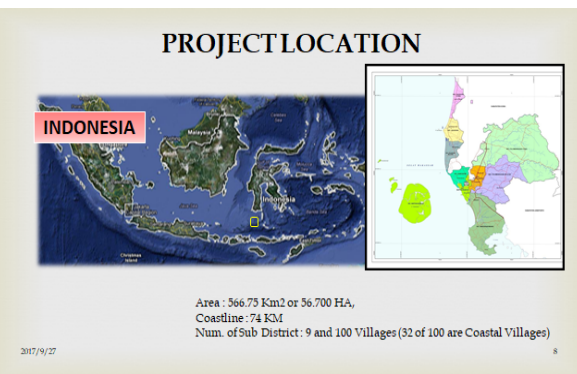
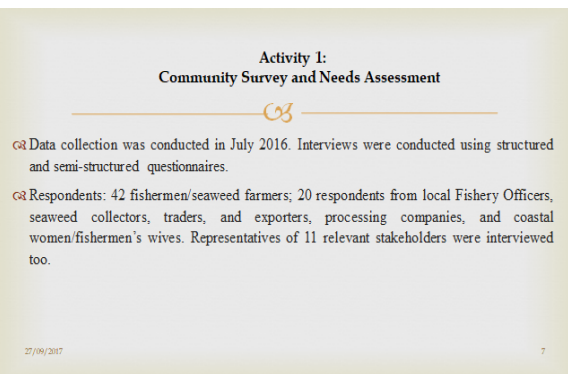
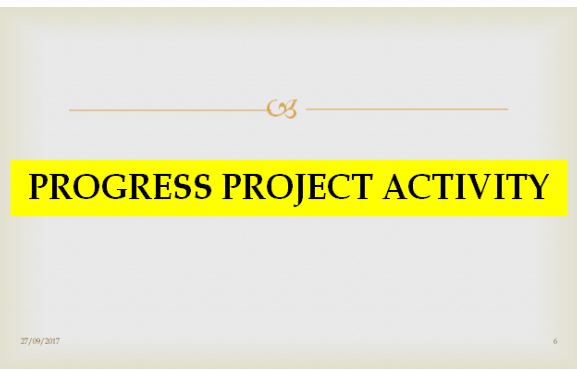
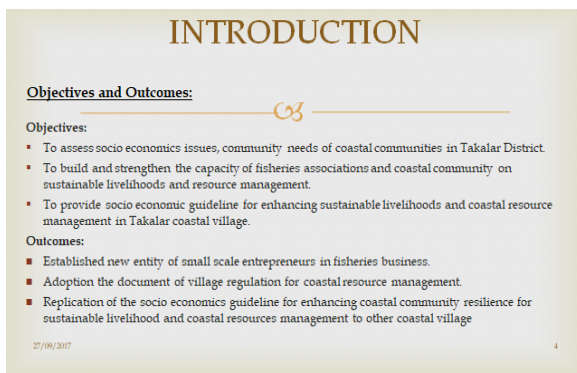
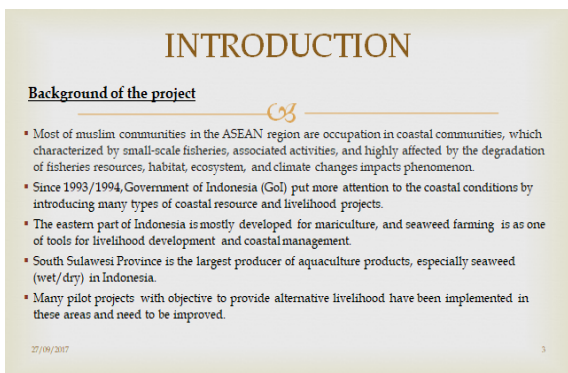
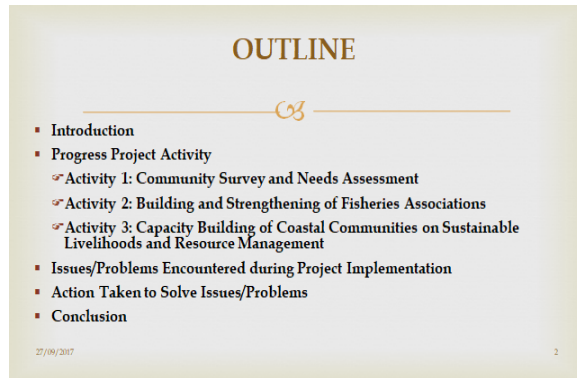
ACTIVITY 2: BUILDING AND STRENGTHENING OF FISHERIES ASSOCIATIONS

- This activity is intended to strengthen the fishermen associations and fisheries institutions to engage in sustainable livelihoods and coastal resource management plans.
- The activity were implemented through a series of training sessions, workshops and consultative meetings focusing on the following:
 - Capacity building for community leaders on leadership,
 - Participatory planning on resource management and sustainable livelihoods,
 - Improving women livelihoods.
- Seven (7) activities were conducted in participating countries involving more than 300 participants from November 2016 – Mac 2017.

ACTIVITY 3: CAPACITY BUILDING OF COASTAL COMMUNITIES ON SUSTAINABLE LIVELIHOODS AND RESOURCE MANAGEMENT

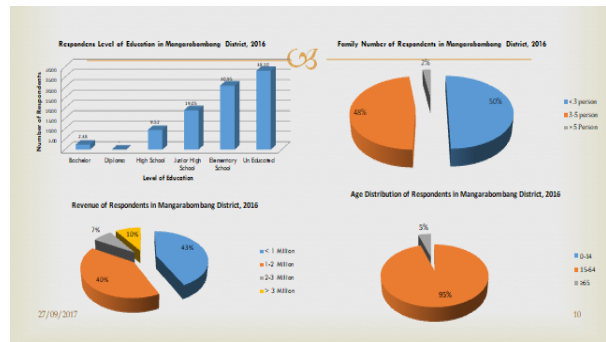
- The objectives of this activity are:
 - to protect and enhance the existing fisheries related livelihoods and
 - to promote alternative opportunities outside the fisheries sector.
- This will be achieved through facilitation of technology and knowhow transfer and adoption.
- Eleven (11) activities were conducted in participating countries involving 283 participants from November 2016 – April 2017.

ANNEX 5: PROJECT PROGRESS REPORT BY INDONESIA



Description	Study areas
Geographic	5°3' - 5°38' S and 119°22' up to 119°39' E
Area	- 566.51 Km ²
Population	- 272,237
Fishermen	- 56.43 %
Employment	- Agriculture, fisheries, processing industry, mining, and public services
Rainfall	- 896 mm/yr
RGDP	- 223,379.35 USD
Temperature (°C)	- 22 - 34

Religion	Num. of Population	Percentage
Moslem	272,137	99.96%
Cristian	85	0.031
Hindu	10	0.004
Buddha	5	0.002
Total	272,237	100.000

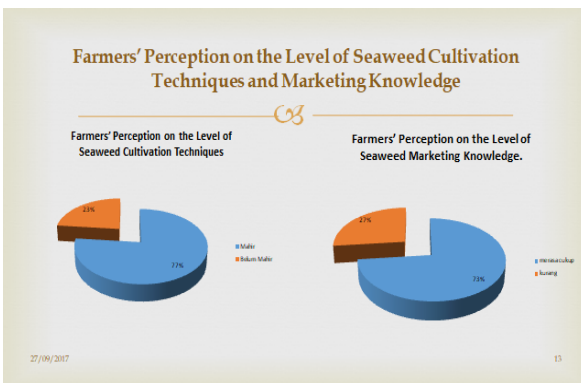


EDUCATIONAL LEVEL OF TAKALAR DISTRICT

Educational Level	Percentage
Pre School	3.13 %
Elementary School	26.60 %
Junior High School	21.68 %
Senior High School	19.24 %
Bachelor	14.19 %
Magister and Doctoral	1.02 %
Others	14.14

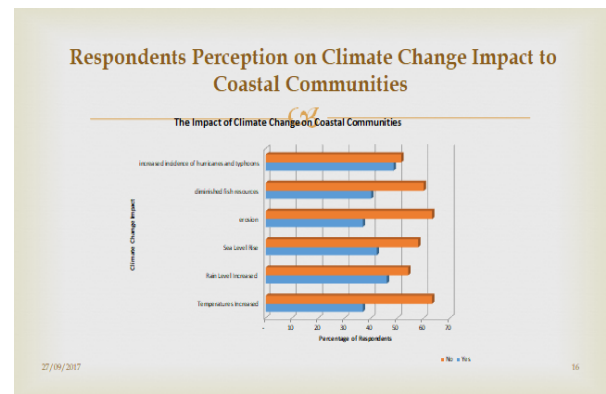
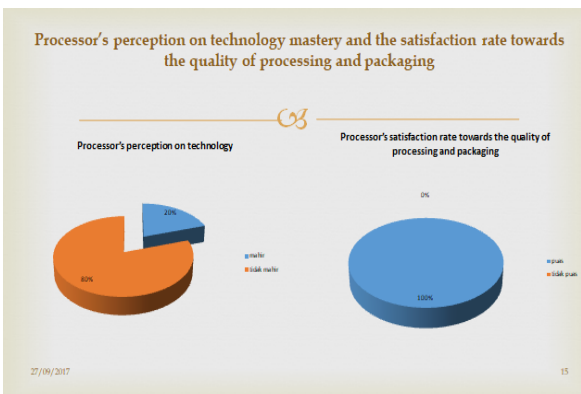
Size, Number of Production and Gracilaria spp and Eucheuma sp Seaweed Farmers in Takalar District.

SUB DISTRICT	SIZE (HA)		PRODUCTION (TON)		NUMBER OF FARMERS
	GRACILARIA	EUCHEUMA	GRACILARIA	EUCHEUMA	
1 MANGARAB OMBANG	2	3	4	5	6
2 MAPPAKASU NGGU	2,160	4,360	39,442	198,413	1,520
3 SANROBONE	3,560	1,516	37,443	200,137	2,250
TAKALAR 2013	7,492	13,386	76,885	623,720	6,600
TAKALAR 2014	5,500	12,299	47,990	491,938	6,500
TAKALAR 2015	2,080	3,550	47,314	429,609	6,500



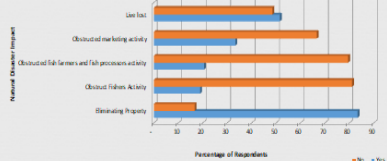
Types of Seaweed Traders Collector in Takalar District

No	Type	Criteria				Marketing target
		Σ members (people)	Capacity (tonnes)	Source seaweed	Σ Interest receivable to members	
1	small collector	5 - 10	< 2	cultivator	200,000-500,000	Big trader
2	medium collector	11 - 20	> 2 - 10	cultivator	500,000 - 2 million	Big trader and company
3	large collector	> 20	> 10	cultivator, small collector, medium collector	< 2 million - 40 million	company



Respondents Perception on Natural Disaster Impact to Coastal Communities

Natural Disaster Impact To Coastal Communities



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PROBLEMS IN MARINE AND FISHERIES RESOURCE USES

Fields	Problems	Troubleshooting
Fishing	1. Overturn seasons, fishermen cannot go to sea during big waves	Selection of alternative livelihoods for fishermen during the big wave season
	1. Limited and traditional facilities to catch fish <30 vessel as well as limited number of fishing gear	Business development through increasing the size of the vessel and the addition of fishing gear both through government assistance program or self-finance fishermen
	1. The catch is limited to the form of fresh fish, not processed fish	The introduction of various techniques of processed fishery products to the families of fishermen
Agribusiness (Seaweed)	1. Limitations in the business management (business finances is mixed with personal household finances)	Good business management training
	1. No big business as a seaweed that has not been revealed, all this time these farmers only raising 'small' scales (small seaweed affected by the disease)	Provision of information and knowledge about the different types of diseases in seaweed and how to address them through socialization or training
	1. The high cost of capitalization primarily for backup ropes in case of large wave sweep away the ropes	Identification of sources of capital as well as software programs and government assistance
Fishery Products Processing	1. Marketing of seaweed is still limited	provision of seaweed market information via the internet
	1. Many businesses have not functioned optimally as quality and continuous provision of seaweed seeds	socialization to farmers about the importance of seaweed nurseries to maintain the quality and availability of seaweed seeds
	1. Limitations on of seaweed farming location	introduction on seaweed cultivation technology with a limited area (vertical system)
Fishery Products Processing	1. Limitations of knowledge on post-harvest technology and transportation of Caldeve up	The provision of information on post-harvest technology and transportation of Caldeve up levels through training
	1. Processed products out of fish and seaweed farming are still very limited (only seaweed)	The introduction of fish and seaweed processing technology to farmers
	1. Limitations of processing technologies and equipment	business development through the provision of technology and processing tool (government aid program, CSR program, self-aid)
Fishery Products Processing	1. The volume of production is still a household scale	production volume increase
	1. Packaging and branding of processed products are still modest	increased processing capacity through the training of packaging and product branding
	1. Limited target markets for processed products on local consumption	expanding markets for processed products through online marketing

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Needs of Human Resources Capacity Building in Mangarabombang, Takalar District

Type of Training	Training Theme	Training Participants
Training to the community	Packaging, processed products marketing and branding	processors and traders
	Seaweed processing and shellfish waste utilization	processors and fisherman
Internships	Financial management, and preparation of feasibility proposals	the management group of aquaculture, fisherman, fish processors /RL
	Cultivation Techniques and Handling seaweed diseases	seaweed cultivators
Internships	seaweed (tortilla, jelly, taffy) processing	Processors
	shellfish waste utilization	Fisherman and fisherman families

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Activity 2: Building and Strengthening of Fisheries Associations

Part 1: TRAINING ON LEADERSHIPS, ADVOCACY AND COMMUNITY DEVELOPMENT

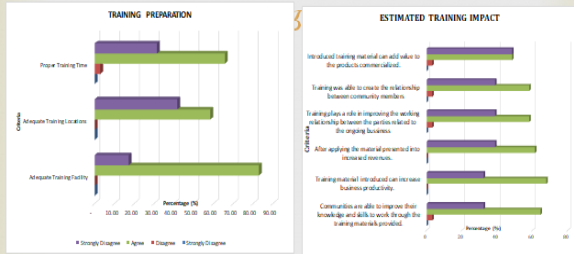
1. UMKM Management and BUMDES Management
2. Management of Village Funds and Its Contribution to BUMDES
3. Technical Guidance for Community Business Groups (Technical, Financial)
4. The Role of PPLH Puntundo in Guiding the Preservation of Coastal Resources in Takalar
5. Cooperation Opportunities in Utilizing Coastal Resources in the Regency of Takalar
6. Group Organization Techniques (proposal drafting, network establishment, communication)
7. Team Building

Part 2: PARTICIPATORY PLANNING ON RESOURCE MANAGEMENT AND CONFLICT MANAGEMENT FOR SUSTAINABLE LIVELIHOOD

1. Coastal Development Plan and Policy in Takalar District
2. Knowledge Management System Support Against Coastal Community Development
3. The Role and Support of Cooperative in Improving the Public Welfare of Coastal Community
4. Community Empowerment Program in Coastal Village Takalar District
5. FPIK Support in the development of Coastal Village in Takalar District
6. Institutional Strengthening to Support Coastal Communities Rural Economic
7. Dialogue, Public Space and Collective Management of Coastal Resources

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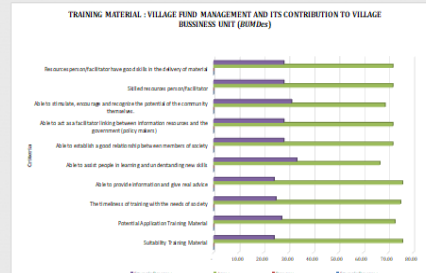
PERCEPTION ON TRAINING PREPARATION AND IMPACT FOR COASTAL COMMUNITIES



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MANAGEMENT OF VILLAGE FUNDS AND ITS CONTRIBUTION TO BUMDES

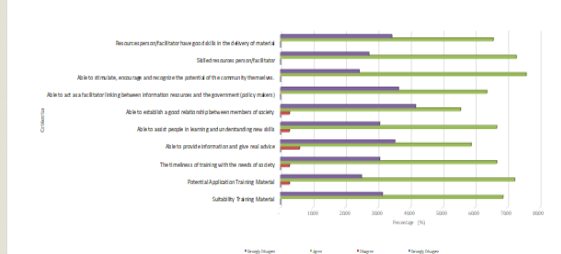


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UMKM MANAGEMENT AND BUMDES MANAGEMENT

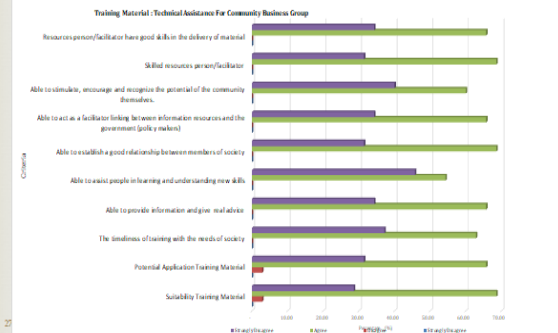
Training Material : SMEs and Village Unit Business (BUMDes) Management



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TECHNICAL GUIDANCE FOR COMMUNITY BUSINESS GROUPS (TECHNICAL AND FINANCIAL GUIDANCE)

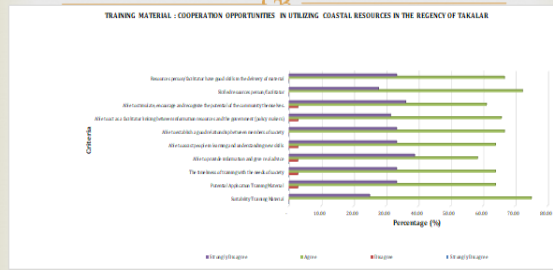


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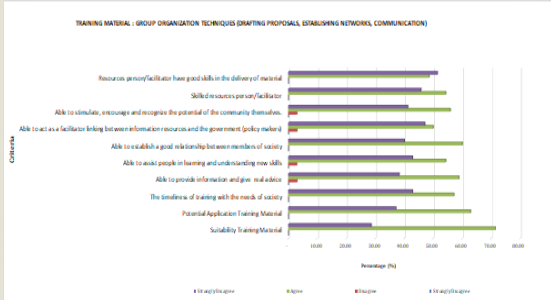
THE ROLE OF PPLH IN GUIDING PRESERVATION COASTAL RESOURCES IN TAKALAR



COOPERATION OPPORTUNITIES IN UTILIZING COASTAL RESOURCES IN THE REGENCY OF TAKALAR



GROUP ORGANIZATION TECHNIQUES (DRAFTING PROPOSALS, ESTABLISHING NETWORKS, COMMUNICATION)



TEAM BUILDING



Dialogue, Public Space and Coastal Resources Management Collectively



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Training of Trainer (ToT)

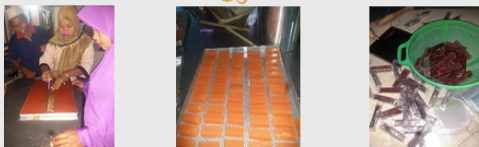


1- Producing Ice Cream using seaweed as raw material

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Training of Trainer (ToT)

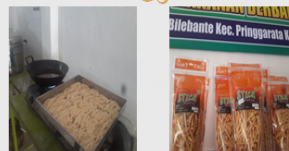


2- Producing Dodol (sweets) using seaweed as raw material

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Training of Trainer (ToT)



3- Producing stick crackers using seaweed as raw material

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Training of Trainer (ToT)



4- Producing crackers using seaweed as raw material

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Training of Trainer (ToT)



5- Producing Fermented Banana using seaweed as raw material

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Training of Seaweed Processing for Community

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Training of Souvenir or Handmade from Clamshell



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ISSUES/PROBLEMS ENCOUNTERED DURING PROJECT IMPLEMENTATION

Activity 1: Preparation and implementation of activity 2 and activity 3 have been parallel with end of regular activity in the fiscal year 2016. All team were busy as well as staffs of *Dinas Kelautan dan Perikanan*, Takalar.

Activity 2: a) Selection process of participants who will join the internship and training is very important because it will be played as an agent of change in the community

b) To start business, the community generally is limited by capital and marketing

Activity 3: Activity 3 have been delayed due to miscommunication with project secretariat related with budget transfer.

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ACTION TAKEN TO SOLVE ISSUES/PROBLEMS

Activity 1: Distribution of tasks between team with strict priority of respective activities.

Activity 2: a) Team were develop some indicators for participants' selection

b) Team were develop a collaboration between community and another potential sources for business capital

Activity 3: All activity 3 would conduct after regional meeting

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Conclusions₍₁₎

Coastal community livelihood activities in Takalar District consist of capture fisheries, aquaculture, and the processing of fishery products.

Fishing activities carried out by fishermen using the size <5 GT vessels and fishing gear such as nets and fishing rods. Fish catch is usually sold in the form of fresh products for local consumption, a small portion is used for processing activities in the form of meatballs, crab meat and fish crackers.

Seaweed is sold in dry form with 40-45% moisture content to processing companies and exports through the collector. Besides being sold in dried form, seaweed also began to be used for processed products such as seaweed sticks, taffy and iced seaweed.

Various problems faced by people in running the business well including limited skills in both the production and marketing process, limited venture capital, minimal business infrastructure, limited capitalization of business, traditional technology and tools, as well as limited information and access to markets.

Efforts being made to address these problems are through increasing the capacity of businesses, through both trainers and training directly to the public. ToT and training activities are expected to increase people's knowledge and skills given a positive impact on improving incomes and welfare through the alternative livelihood.

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Conclusions₍₂₎

Activities of village-based coastal community empowerment can be implemented based on village's potential and other supporting resources, particularly the development of Science and Technology, and Human Resources.

The establishment and management of Village-owned Enterprises (BUMDES) by the community is expected to help build the skill and capacity of village communities in supporting their own economic development.

Dispatch representatives of seaweed processors to other succeed SMEs is effective to improve ability and mind set to be a new SMEs.

The role of *Badan Usaha Milik Desa* - BUMDES collaborated with fisheries cooperative in Laikang Village are expected to accelerate the SMEs in Laikang for improving productivity and market expansion.

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FOCAL POINT AND THE WORKING TEAM



NO.	NAME	EDUCATION/BACKGROUND	POSITION
1	Zahri Nasution	Doctor/Rural Sociology	Focal point/Team Leader
2	Achmad Zamroni	Doctor/Coastal Resource Management	Team member
3	Teruy Aprilliani	Master/Marine and Coastal Resource Management	Team member
4	Nendah Kurniasari	Master/Rural Sociology	Team member
5	Risna Yusuf	Master/Marketing Management	Team member
6	Nila Mustika		Administration

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Thank you

Terima kasih

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ANNEX 6 : PROJECT PROGRESS REPORT BY MALAYSIA



WORKSHOP ON ENHANCING COASTAL COMMUNITY RESILIENCE FOR SUSTAINABLE LIVELIHOOD AND COASTAL RESOURCES MANAGEMENT

**24-27 AUGUST 2017
MAKASAR, INDONESIA**



Pengenalan

- ▶ Program soal selidik ini dijalankan di 6 komuniti iaitu komuniti Telaga Batin, Seberang Takir, Mengabang Telipot, Kampung Batin, Teluk Ketapang dan Tok Jembal.
- ▶ Kawasan yang dipilih adalah Komuniti Tok Jembal daerah Kuala Nerus, Negeri Terengganu.
- ▶ Keluasan daerah Kuala Nerus 39,752.13 Hektar
- ▶ Anggaran jumlah penduduk seramai 200,000 orang dan terdapat 105 Jawatankuasa Kampung.
- ▶ Terdapat 11 Pengkalan Nelayan Utama.
- ▶ Jumlah Vesel nelayan berdaftar 303 buah.
- ▶ Bilangan nelayan seramai 959 orang.

Objektif

- ▶ Mendapatkan maklumat asas mengenai aktiviti Komuniti nelayan pantai
- ▶ Mendapatkan maklumat bagi menilai keperluan untuk meningkatkan daya tahan komuniti
- ▶ Meningkatkan taraf sosio ekonomi masyarakat nelayan pantai atau komuniti nelayan pantai



Komuniti Tok Jembal



KOMUNITI NELAYAN TERLIBAT

BIL.	KOMUNITI	BIL. RESPONDEN
1	Komuniti Telaga Batin, Seberang Takir, Kuala Nerus.	23
2	Komuniti Seberang Takir, Kuala Nerus.	40
3	Komuniti Mengabang Telipot, Batu Rakit, Kuala Nerus.	53
4	Komuniti Kampung Batin, Seberang Takir, Kuala Nerus.	41
5	Komuniti Tok Jembal, Seberang Takir, Kuala Nerus.	44
6	Komuniti Teluk Ketapang, Seberang Takir, Kuala Nerus.	6
	JUMLAH	207

SKOP KAJIAN

- ▶ Bahagian A – Maklumat/Informasi Responden
- ▶ Bahagian B – Pendapatan & Tanggungan Isi Rumah
- ▶ Bahagian C – Peranan Dalam Pengurusan
- ▶ Bahagian D – Jika Anda Seorang Nelayan
- ▶ Bahagian E – Jika Anda Seorang Pengusaha Pemprosesan
- ▶ Bahagian F – Jika Anda Seorang Pengusaha Akuakultur
- ▶ Bahagian G – Jika Anda Seorang Pengusaha Bukan Berkaitan Perikanan
- ▶ Bahagian H – Kesan Perubahan Iklim/Bencana Alam
- ▶ Bahagian I – Keperluan Kursus/Latihan

Bahagian A – Maklumat / Informasi Responden

Kategori umur responden mengikut Komuniti Nelayan Kuala Nerus

Kategori Umur (Tahun)	Komuniti					
	Komuniti Telaga Batin	Komuniti Seberang Takir	Komuniti Kg. Batin	Komuniti Mengabang Telipot	Komuniti Tok Jembal	Komuniti Teluk Ketapang
< 18	0	1	0	0	0	0
19 - 30	5	8	3	5	4	1
31 - 50	3	17	23	20	16	0
51 - 60	9	8	7	12	6	1
61 >	6	6	8	16	18	4
Jumlah	23	40	41	53	44	6

Bahagian A – Maklumat / Informasi Responden

Status Perkahwinan responden mengikut Komuniti Nelayan Kuala Nerus

Status Perkahwinan	Komuniti					
	Komuniti Telaga Batin	Komuniti Seberang Takir	Komuniti Kg. Batin	Komuniti Mengabang Telipot	Komuniti Tok Jembal	Komuniti Teluk Ketapang
Bujang	2	7	5	6	6	1
Beroera	0	1	0	1	1	0
Berkahwin	21	31	32	45	34	4
Kematian Pasangan	0	1	4	1	3	1
Jumlah	23	40	41	53	44	6

Bahagian A – Maklumat / Informasi Responden

Bilangan anak responden mengikut Komuniti Nelayan Kuala Nerus

Bilangan Anak	Komuniti					
	Komuniti Telaga Batin	Komuniti Seberang Takir	Komuniti Kg. Batin	Komuniti Mengabang Telipot	Komuniti Tok Jembal	Komuniti Teluk Ketapang
Tiada *	4	8	5	9	5	1
1 - 5	14	27	25	28	22	3
6 - 10	5	4	10	15	17	2
10 >	0	1	1	1	0	0
Jumlah	23	40	41	53	44	6

* Responden belum berkahwin

Bahagian A – Maklumat / Informasi Responden

Taraf pendidikan responden mengikut Komuniti Nelayan Kuala Nerus

Taraf Pendidikan	Komuniti					
	Komuniti Telaga Batin	Komuniti Seberang Takir	Komuniti Kg. Batin	Komuniti Mengabang Telipot	Komuniti Tok Jembal	Komuniti Teluk Ketapang
Ijazah/Sarjana	1	0	0	1	1	0
Diploma/Sijil	6	2	1	2	2	1
Sek. Menengah	14	27	26	26	26	3
Sek. Rendah	2	10	13	20	11	2
Tidak Bersekolah	0	1	1	4	4	0
Lain-Lain	0	0	0	0	0	0
Jumlah	23	40	41	53	44	6

Bahagian A – Maklumat / Informasi Responden

Status pekerjaan utama responden mengikut Komuniti Nelayan Kuala Nerus

Status Pekerjaan Utama	Komuniti					
	Komuniti Telaga Batin	Komuniti Seberang Takir	Komuniti Kg. Batin	Komuniti Mengabang Telipot	Komuniti Tok Jembal	Komuniti Teluk Ketapang
Nelayan	0	32	30	50	30	3
Akuakultur	0	0	3	0	0	0
Pemprosesan Industri Asas Tani	1	2	1	0	0	0
Lain-Lain	22	6	7	3	14	3
Jumlah	23	40	41	53	44	6

Bahagian A – Maklumat / Informasi Responden

Jawatan pekerjaan utama responden mengikut Komuniti (Nelayan)

Jawatan Dalam Pekerjaan Utama	Komuniti					
	Komuniti Telaga Batin	Komuniti Seberang Takir	Komuniti Kg. Batin	Komuniti Mengabang Telipot	Komuniti Tok Jembal	Komuniti Teluk Ketapang
Pemilik	0	17	11	38	17	2
Tekong	0	1	2	4	1	0
Krew	0	14	17	10	12	1
Jumlah	0	32	30	50	30	3

Bahagian A – Maklumat / Informasi Responden

Pengalaman pekerjaan utama responden mengikut Komuniti (Nelayan)

Pengalaman Dalam Pekerjaan Utama (Tahun)	Komuniti					
	Komuniti Telaga Batin	Komuniti Seberang Takir	Komuniti Kg. Batin	Komuniti Mengabang Telipot	Komuniti Tok Jembal	Komuniti Teluk Ketapang
1 - 5	0	7	2	4	5	1
6 - 10	0	8	3	6	6	0
> 10	0	19	25	40	19	2
Jumlah	0	32	30	50	30	3

Bahagian A – Maklumat / Informasi Responden

Jumlah Pendapatan Sebulan RM Komuniti (Nelayan)

Jumlah Pendapatan RM Sebulan	Komuniti				
	Komuniti Seberang Takir	Komuniti Kg. Batin	Komuniti Mengabang Telipot	Komuniti Tok Jembal	Komuniti Teluk Ketapang
< 500.00	2	1	7	6	1
501.00 - 1,000.00	19	18	35	19	2
1,001.00 - 1,500.00	5	8	8	3	0
> 1,501.00	6	5	2	2	0
Jumlah	32	30	50	30	3

Bahagian A – Maklumat / Informasi Responden

Status Kediaman Komuniti (Nelayan)

Status Kediaman	Komuniti					
	Komuniti Telaga Batin	Komuniti Seberang Takir	Komuniti Kg. Batin	Komuniti Mengabang Telipot	Komuniti Tok Jembal	Komuniti Teluk Ketapang
Pemilik Sendiri	0	20	21	37	23	3
Sewa	0	3	2	5	2	0
Disediakan Majikan	0	0	1	0	0	0
Disediakan Kerajaan	0	0	1	0	0	0
Lain-Lain	0	9	5	8	5	0
Jumlah	0	32	30	50	30	3

Bahagian B – Pendapatan & Tanggungan Isi Rumah

Bilangan Tanggungan Isi Rumah Responden Mengikut Komuniti Nelayan Kuala Nerus

Bilangan Tanggungan Isi Rumah	Komuniti					
	Komuniti Telaga Batin	Komuniti Seberang Takir	Komuniti Kg. Batin	Komuniti Mengabang Telipot	Komuniti Tok Jembal	Komuniti Teluk Ketapang
Tiada	16	9	8	9	10	2
1 - 5	7	30	30	43	33	4
6 - 10	0	1	3	1	1	0
10>	0	0	0	0	0	0
Jumlah	23	40	41	53	44	6

Bahagian B – Pendapatan & Tanggungan Isi Rumah

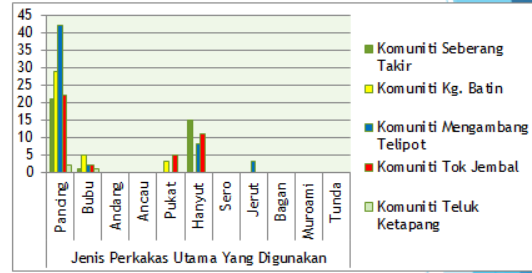
Pemilik Vessel dan sumber modal permulaan Komuniti Nelayan Kuala Nerus

Sumber Modal Permulaan	Pemilik Vessel					
	Komuniti Telaga Batin	Komuniti Seberang Takir	Komuniti Kg. Batin	Komuniti Mengabang Telipot	Komuniti Tok Jembal	Komuniti Teluk Ketapang
Sendiri	0	12	6	24	16	2
Pinjaman	0	4	3	4	0	0
Bantuan Kerajaan	0	1	2	8	1	0
Lain-Lain	0	0	0	0	0	0
Jumlah	0	17	11	36	17	2

Bahagian C – Peranan Dalam Pengurusan

- 50 % Masih Tidak Mengetahui Tentang Pengurusan Sumber Perikanan & Program Yang Dijalankan Di Kawasan Komuniti Nelayan
- 80% Mencadangkan Penambahan Tukun Tiruan

Bahagian D – Jika Anda Seorang Nelayan



Bahagian D – Jika Anda Seorang Nelayan

Komuniti	Jenis Perkakas Utama Yang Digunakan						
	Pancing	Bubu	Pukat	Hanyut	Sero	Jerut	Tunda
Komuniti Seberang Takir	21	1		15			
Komuniti Kg. Batin	29	5	3				
Komuniti Mengabang Telipot	42	2		8		3	
Komuniti Tok Jembal	22	2	5	11			
Komuniti Teluk Ketapang	2	1					
JUMLAH	116	11	8	34	0	3	0

Jenis Perkakas Utama Komuniti Nelayan Kuala Nerus

Bahagian D – Jika Anda Seorang Nelayan

Purata Bilangan Trip Sebulan	Komuniti					
	Komuniti Telaga Batin	Komuniti Seberang Takir	Komuniti Kg. Batin	Komuniti Mengabang Telipot	Komuniti Tok Jembal	Komuniti Teluk Ketapang
< 5	0	3	21	5	5	0
6 - 10	0	0	0	1	3	0
11 - 20	0	26	4	34	14	1
> 21	0	2	2	10	5	2
Jumlah	0	31	27	50	27	3

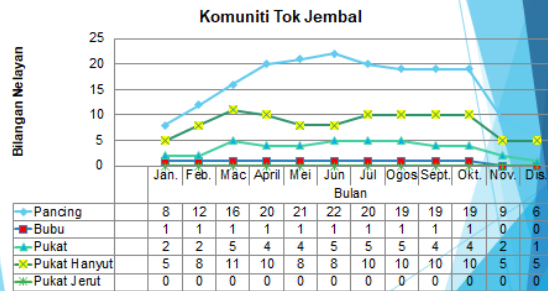
Purata Bilangan Trip sebulan Komuniti Nelayan Kuala Nerus

Bahagian D – Jika Anda Seorang Nelayan

Purata Tangkapan (kg)/Bulan	Komuniti					
	Komuniti Telaga Batin	Komuniti Seberang Takir	Komuniti Kg. Batin	Komuniti Mengabang Telipot	Komuniti Tok Jembal	Komuniti Teluk Ketapang
< 10	0	1	0	3		
11 - 20	0	2	0	7	5	1
21 - 50	0	15	4	22	13	1
> 51	0	11	25	18	11	1
Jumlah	0	29	29	50	29	3

Purata Hasil Tangkapan Sebulan Komuniti Nelayan Kuala Nerus

Bahagian D – Jika Anda Seorang Nelayan



Bahagian D – Jika Anda Seorang Nelayan

Tempoh Operasi Setiap Trip (Jam)	Komuniti					
	Komuniti Telaga Batin	Komuniti Seberang Takir	Komuniti Kg. Batin	Komuniti Mengabang Telipot	Komuniti Tok Jemal	Komuniti Teluk Ketapang
< 5	0	0	0	0	0	0
6 - 10	0	19	1	0	18	3
11 - 24	0	8	6	40	7	0
> 25	0	0	22	5	4	0
Jumlah	0	27	29	45	29	3

Purata Tempoh Operasi Setiap Trip Komuniti Nelayan Kuala Nerus

Bahagian D – Jika Anda Seorang Pengusaha Pemprosesan

Bil.	Nama Pengusaha	Komuniti	Jenis Pemprosesan	Berkemahiran	Hasil/Kualiti Produk & Pambungkusan
1	Suzali Bin Abdul Mubalib	Komuniti Seberang Takir	Pemprosesan Keropok Keping	Berkemahiran	Puas hati dengan hasil pengeluaran
2	Nurul Faizah Binti Mohd Amri	Komuniti Telaga Batin	Pemprosesan Keropok Lekor	Tidak berkemahiran & tiada bimbingan daripada agensi berkaitan	Puas hati dengan hasil pengeluaran
3	Mahadi Bin Sulong	Komuniti Kampung Batin	Pemprosesan Keropok Lekor	Tidak berkemahiran & tiada bimbingan daripada agensi berkaitan	Tidak puas hati & tiada bimbingan daripada agensi berkaitan
4	Norliza Binti Sulaiman	Komuniti Kampung Batin	Pemprosesan Makanan Ikan	Tidak & kekurangan modal serta penggunaan mesin yang terhad	Tidak puas hati kerana kekurangan modal dan pengeluaran yang terhad

Bahagian F – Jika Anda Seorang Pengusaha Akuakultur

Bil.	Nama Pengusaha	Sistem Ternakan	Spesies Ternakan	Lokasi Ternakan	Pemasaran
1	Mohd Mahayidin Bin Saleh	Sangkar	Siakap, Tilapia, Patin & Keli	Muara Sungai	Sendiri & Pendorong
2	Sabri Bin Abu Bakar	Kolam	Tilapia & Patin	Kolam Tanah	Sendiri & Pendorong
3	Mohd Halim Bin Ismail	Sangkar	Siakap & Tilapia	Muara Sungai	Sendiri, Orang Tengah & Peruncit

Bahagian G – Jika Anda Seorang Pengusaha Bukan Berkaitan Perikanan

- ▶ Tiada Maklumat Yang Berkaitan

Bahagian H – Kesan Perubahan Iklim/Bencana Alam

- ▶ Komuniti Perikanan menyedari tentang perubahan iklim atau bencana alam di kawasan masing-masing



PILIHAN KURSUS RESPONDEN

Courses	Komuniti						JUMLAH
	Komuniti Telaga Batin	Komuniti Seberang Takir	Komuniti Kg. Batin	Komuniti Mengabang Telipot	Komuniti Tok Jembal	Komuniti Teluk Ketapang	
Identification & Maintenance Outboard Engines	5	17	14	39	24	4	103
Build & Maintain Fiberglass	4	10	6	24	17	3	64
Use of Electronic Equipment & Maintenance	1	10	10	27	20	4	72
Maritime Course	3	14	12	12	17	2	60
Processing	10	4	7	8	9		38
Scuba Certification	2	7	8	8	8		33
Saving Accounts Course	6	2	3	4	2		17
Komuniti Business Plan Preparation	7	4	4	6	6		27
Motivation course	6	3	5	4	3		21
Engine Maintenance		1					1
Fishermen safety course					1		1
Aquaculture (crab)		1					1
Aquaculture				1			1
Agriculture					1		1
Food Hygiene					1		1

Kursus dan Latihan

Kursus dijalankan dengan kerjasama Jabatan Perikanan Malaysia, Akademik Perikanan Malaysia dan Jabatan Laut Wilayah Timur. Kursus dijalankan secara hands - on di Pusat Pengembangan Teknologi Perikanan Seberang Takir, Kuala Nerus, Terengganu dan juga di Pengkalan-Pengkalan Nelayan yang terlibat

Kursus dan Latihan

Bil	Kursus	Bilangan Peserta
1.	Program Motivasi <i>In Situ</i> Komuniti Nelayan Tok Jembal, Kuala Nerus, Terengganu.	35 orang
2.	Program Motivasi & Kesedaran Pengurusan Perikanan Melalui Pendekatan Ekosistem (Ecosystem Approach to Fisheries Management - EAFM).	60 orang
3.	Program Meningkatkan Kemahiran Teknikal Penggunaan Peralatan Elektronik (GPS & Echo Soudar).	21 orang
4.	Program Meningkatkan Kemahiran Teknikal Penyelenggaraan & pembaikan Enjin Sangkut.	18 orang
5.	Program Meningkatkan Kemahiran Teknikal Pemrosesan & Produk Perikanan Siri 1.	20 orang
6.	Program Meningkatkan Kemahiran Baikpuluh Vesel Gentian Kaca (Fiberglass).	20 orang
7.	Program Meningkatkan Kemahiran Teknikal Pemrosesan & Produk Perikanan (<i>In-Situ</i>) Siri 2.	20 orang
8.	Program Meningkatkan Keselamatan Nelayan.	59 orang
9.	Kursus Mate Demostik (500GRT) terhad.	26 orang

Program Motivasi In - Situ Komuniti Nelayan Tok Jembal, Kuala Nerus, Terengganu

- ▶ Program motivasi ataupun jati diri adalah penting dalam memupuk semangat peserta dalam meneruskan kelangsungan hidup. Menerapkan konsep kerjasama antara ahli Komuniti tentang kepentingan Komuniti nelayan tersebut menjaga sumber perikanan.



Program Motivasi & Kesedaran Pengurusan Perikanan Melalui Pendekatan Ekosistem (Ecosystem Approach to Fisheries Management - EAFM)

- ▶ Bertujuan memberi kesedaran kepada kumpulan sasaran berkenaan konsep (Ecosystem Approach to Fisheries Management - EAFM). EAFM adalah cara yang praktikal untuk melaksanakan pembangunan yang mampan untuk sektor perikanan dengan mengimbangi kesejahteraan antara ekologi dan kehidupan manusia melalui tadbir urus yang baik.



Program Meningkatkan Kemahiran Teknikal Penggunaan Peralatan Elektronik (GPS & Echo Souder)

- ▶ Kursus ini memberi pengetahuan asas tentang peralatan-peralatan navigasi yang digunakan di atas vessel nelayan.
- ▶ Peserta akan didedahkan secara teori dan amali terhadap peralatan bantuan pelayaran seperti penggunaan kompas, RADAR, GPS, Echo Souder dan AIS dengan cara yang betul dan selamat serta mengenalpasti kerosakan kecil yang mungkin berlaku.
- ▶ Penggunaan peralatan yang betul dapat membantu mengurangkan kos operasi, menjimatkan masa dan mampu meningkatkan pendapatan serta kelangsungan hidup dalam industri perikanan.



Program Meningkatkan Kemahiran Teknikal Penyelenggaraan & Pembaikan Enjin Sangkut

- ▶ Kursus ini memberi pengetahuan dan kemahiran berkaitan asas penyelenggaraan enjin sangkut. Latihan ini merangkumi teori dan amali kaedah menyelenggaraan enjin dengan betul.
- ▶ Di akhir kursus, peserta boleh menyelenggara sendiri enjin sangkut yang digunakan. Penyediaan kursus ini juga secara tidak langsung dapat meningkatkan pendapatan dan mengurangkan kos penyelenggaraan enjin.



Program Meningkatkan Kemahiran Teknikal Pemrosesan & Produk Perikanan

- ▶ Memperkenalkan sistem pemrosesan yang baik serta teknik mempelbagaikan produk berasaskan ikan yang berkualiti tinggi mengikut piawaian standart.
- ▶ Memberi nilai tambah kepada kumpulan sasar dan meningkatkan hasil pendapatan.



Program Meningkatkan Kemahiran Baikpulih Vessel Gentian Kaca (Fiberglass)

- ▶ Bertujuan membantu melahirkan Komuniti nelayan yang berkemahiran dalam bidang yang berasaskan produk gentian kaca terutamanya dalam membantu nelayan melakukan sendiri kerja-kerja baikpulih kerosakan dan juga membina baharu sampan gentian kaca serta produk-produk berasaskan gentian kaca sebagai satu punca pendapatan tambahan.



Siri 2 : Program Meningkatkan Kemahiran Teknikal Pemrosesan & Produk Perikanan (In-Situ) di Premis Komuniti

- ▶ Memberi pendedahan mengenai pemrosesan produk perikanan berasaskan isi ikan dan surimi.
- ▶ Mengenalpasti kelemahan premis serta cadangan-cadangan penambahbaikan.
- ▶ Memberi latihan terus kepada komuniti terbabit.



Program Meningkatkan Keselamatan Nelayan

- ▶ Kursus ini memberi pengetahuan dan kemahiran berkaitan keselamatan nelayan semasa di laut. Modul teori dan amali diberikan secara menyeluruh supaya nelayan dapat menangani semua situasi kemalangan di laut dan dapat menyelamatkan mangsa dengan kaedah yang betul.



Kursus Mate Demostik (500GRT) terhadap

- ▶ Membantu golongan Komuniti nelayan menambah pendapatan
- ▶ Mewujudkan Komuniti nelayan yang berdaya saing



Isu/Masalah dan Langkah Penyelesaian

- ▶ Skop peruntukan terhadap
- ▶ Latihan / kursus terhadap dan dapat dijalankan satu sesi sahaja
- ▶ Perlu kursus lanjutan(advanced course) kepada peserta

Kesimpulan

- ▶ Program peningkatan daya tahan Komuniti dan pengurusan sumber perikanan mapan telah berjaya memberi kefahaman kepada komuniti dalam menjaga pengurusan perikanan serta meningkatkan taraf hidup sosio ekonomi.

Terima kasih

ANNEX 7: LESSONS LEARNED FROM THE PROJECT BY INDONESIA



Lessons learned from the project

REGIONAL MEETING

Enhancing Coastal Community Resilience for Sustainable Livelihood and Coastal Resources Management

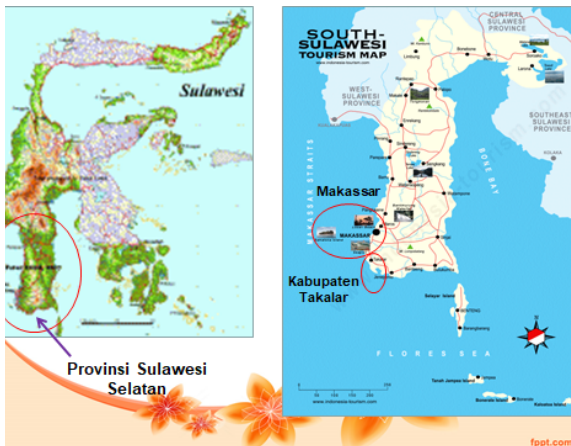
Muh. Kasim
Indonesia - Community Leader

SwisBell Hotel - MAKASSAR
24 AGUSTUS 2017

Well Come Makassar



Pulau Sulawesi
(Celebes)



Provinsi Sulawesi Selatan



Lokasi Proyek
Desa Laikang

Sekilas Takalar

Kabupaten Takalar adalah sebuah **kabupaten** di **provinsi Sulawesi Selatan, Indonesia**. **Ibu kotanya** terletak di **Pattalassang**. Kab. Takalar terdiri dari sembilan kecamatan, yaitu Pattalassang, Polombangkeng Selatan, Polombangkeng Utara, Galesong, Galesong Selatan, Galesong Utara, Sanrobone, Mappakasunggu dan Manggarabombang. Kabupaten ini memiliki luas wilayah 566,51 km² dan berpenduduk sebanyak ± 250.000 jiwa.

Gambaran Umum Wilayah Pesisir Kabupaten Takalar



- Terdiri dari 6 kecamatan pesisir dari 9 kecamatan
- Panjang pantai sekitar 74 km berbatasan dengan Makassar sampai ke Desa Laikang
- Perairan laut terdiri dari Laut Flores, Selat Makassar, Teluk Laikang dan Kepulauan Tanakeke
- Pemanfaatan perairan laut meliputi penangkapan, budidaya dan wisata

Lokasi Proyek

- Desa Laikang, Kecamatan mangarabombang, Kabupaten Takalar
- Provinsi Sulawesi Selatan
- Jarak: Sekitar 65 Km dari Kota Makassar
- Waktu Tempuh: 2,5 jam
- Jumlah penduduk: 4.968 jiwa, 1.596 KK
- Luas wilayah : 1.964 ha

Gambaran Umum Masyarakat (*Background of community*)

Desa Laikang Kab. Takalar

Teluk Laikang (Laikang Bay)



Demografi

- Panjang pantai: 13 km
- Bentangan Darat: 15 km
- Perairan: Laut dan Teluk
- Ekosistem: Mangrove, Terumbu Karang (Coral reef), Lamun (sea grass)

Sosial

- Etos kerja tinggi
- Belajar dari Mata
- Pemerataan kerja (gender)
- Budaya Konsumtif
- Takut berinvestasi
- Dikuasai oleh sistem ijon (punggawa)
- Pendidikan rendah: Usia diatas 40 tahun, banyak yang tidak sekolah, dan usia diatas 30 taun umumnya tamat SD

Ekonomi

- Mata pencaharian utama : Budidaya rumput laut, tambak, Karamba Jaring Apung, Penangkapan ikan ramah lingkungan
- Mata pencaharian tambahan: Buruh tani, buruh bangunan, penjual bakso

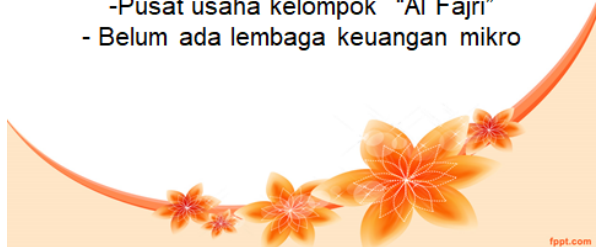
Next.....

- Mata rantai pemasaran hasil perikanan masih panjang
- Banyak tenaga produktif khususnya perempuan belum optimal (banyak menganggur saat musim kemarau)



Kelembagaan

- Kelompok Usaha Bersama : 35 kelompok
 - Koperasi "Beringin Indah"
 - Badan Usaha Milik Desa
 - Pusat usaha kelompok "Al Fajri"
 - Belum ada lembaga keuangan mikro



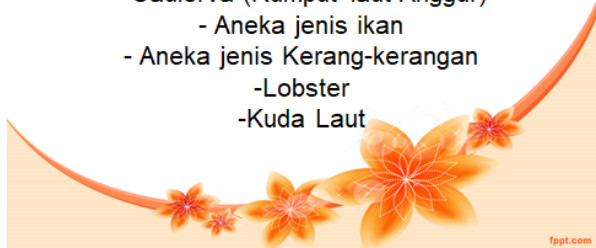
POTENSI DESA LAIKANG

- Luasnya Wilayah Perairan
- Sumberdaya Perikanan masih banyak dan beraneka ragam (ikan, cumi, lobster, kerang, teripang, Kepiting, rumput laut)
- Banyaknya Tenaga Kerja Produktif



Komoditi Lokal

- Rumput Laut (sea Weed) : Euchema, Spinosium
- Caulerva (Rumput laut Anggur)
 - Aneka jenis ikan
 - Aneka jenis Kerang-kerangan
 - Lobster
 - Kuda Laut



potensi



POTENSI SUMBER DAYA

Perikanan Budidaya →

Perikanan Tangkap →

Penangkapan di Laut
(WPP-R1 713 Selat Makassar,
Teluk Bone & Laut Flores)
929.720 Ton/Th
* Perairan Umum 200.800 Ha

Pola Pemanfaatan Sumberdaya

- Banyak tenaga kerja produktif, tidak bekerja saat musim kemarau
- Hasil Masih dijual mentah (raw material) sehingga harga jual rendah
- Bekerja secara individu
- Banyak potensi tambak dan laut yang belum dimanfaatkan

Daya dukung

- Posisi Geografis: Dekat kota Makassar, terdiri wilayah perairan Teluk dan Laut
- Akses jalan baik
- Bahan Baku mudah dan murah
- Sarana dan Prasarana (Jalan, air, listrik)
- Permintaan Pasar cukup tinggi
- Kebijakan pemerintah (Program,

Pemanfaatan Sumberdaya Alam di Desa Laikang - Takalar

- o Tambak : Udang, kaulerva, ikan bandeng
- o Keramba Jaring Apung: Lobster, ikan
- o Penangkapan Ikan: Bagan, sero, pancing
- o Budidaya Perairan Laut: Rumpuk laut
- o Pariwisata (Ecotourism)

Marine culture activity (sea weed)



Budidaya di Tambak (Aqua culture)



Keramba jaring Apung



Masalah



- Kurangnya Pengetahuan
- Kurangnya Keterampilan
- Rendahnya Motivasi Kerja
- Kurangnya Kerjasama Kelompok Usaha
- Kurangnya Mitra Usaha
- Keterbatasan Akses Modal
- Kurangnya Inovasi Pencapaian Baru
- Musim produktif Budidaya rumput laut hanya sekitar 5 bulan

Peluang Pengembangan Usaha

- Pengembangan Budidaya Kepiting
- Pengolahan Hasil Perikanan (Rumput laut dan Ikan)
- Usaha Kerajinan Kerang-kerangan
- Usaha Kerajinan anyaman dan souvenir
- Pengembangan Budidaya sistem Intesifikasi lahan melalui vertikultur
- Ekowisata

Kegiatan Proyek (Project Activity) Pemberdayaan Masyarakat (community Development) di Takalar

Next

- Identifikasi Potensi Pengembangan Usaha Masyarakat
- Pelatihan Pengembangan Usaha Pesisir
- Pelatihan Olahan Rumput Laut
- Pelatihan Kerajinan Pemanfaatan Kulit Kerang
- Magang ke Lombok

- Pemberian Bantuan Pembuatan Kerajinan Kulit Kerang
- Kunjungan ke Balai Riset Budidaya Air Payau Maros
- Pendampingan Kewirausahaan
- Penguatan Jaringan (Net Working)
- Pembesaran Kepiting

Dampak Program

- ✓ Menambah Pengetahuan Masyarakat
- ✓ Menambah Keterampilan Kelompok Usaha
- ✓ Meningkatkan Motivasi Kerja
- ✓ Mendorong Kerjasama Kelompok Usaha
- ✓ Menjalin Kemitraan Usaha
- ✓ Mengembangkan mata pencaharian Alternatif
- ✓ Penguatan Kelembagaan Usaha

Pengembangan Usaha binaan Project

- ❖ Usaha Olahan Rumput Laut
- ❖ Inisiasi Pembuatan Pusat Olahan Hasil Perikanan
- ❖ Kerajinan Pembuatan Souvenir dari Limbah Kerang
- ❖ Penataan Kelembagaan Kelompok Usaha
- ❖ Usaha Budidaya Kepiting
- ❖ Usaha Budidaya Caulerva
- ❖ Pemasaran Caulerva ke wilayah Makassar
- ❖ Pemasaran Hasil Olahan Ke Makassar

Dampak Program

- ✓ Menambah Pengetahuan Masyarakat
- ✓ Menambah Keterampilan Kelompok Usaha
- ✓ Meningkatkan Motivasi Kerja
- ✓ Mendorong Kerjasama Kelompok Usaha
- ✓ Menjalin Kemitraan Usaha
- ✓ Mengembangkan mata pencaharian Alternatif
- ✓ Penguatan Kelembagaan Usaha

Rencana Pengembangan Program

- Penambahan Mata Pencaharian Alternatif
 - Pengembangan Usaha Kerajinan
 - Penguatan Akses Pasar
 - Penguatan Akses Modal
- Penambahan Sarana Rumah Produksi
 - Pembuatan Galeri Oleh-oleh
 - Pengetahuan Pemasaran Produk
 - Pengembangan Kemasan Olahan

Harapan Terhadap Keberlanjutan Program Proyek di Indonesia

- Pelatihan Pembuatan Kemasan
 - Pengadaan Mesin Kemasan
 - Magang Pembuatan Kerajinan
- Pelatihan Strategi Pemasaran Produk
- Penambahan alat kerja dan sarana Rumah Produksi Olahan
- Jaringan Akses Modal ke pihak lain
- Jaringan Pengembangan Usaha Budidaya di Tambak dan Laut

Kesimpulan

1. Kami punya Potensi alam (marine resources), tenaga kerja tapi belum optimal memberikan pendapatan (income) dan jaminan keberlanjutan (sustainability) karena keterbatasan pengetahuan, keterampilan, kelembagaan, akses pasar dan akses Modal
2. Perlu pendampingan dan kerjasama multi stakeholders untuk mempercepat pencapaian kesejahteraan masyarakat
3. Perlu adanya IPTEKMAS untuk mempercepat optimalisasi pengelolaan Sumberdaya Alam

Kegiatan olahan hasil perikanan



fppt.com

Shrimp Products : Chilled and Cooked



Kegiatan Perikanan



fppt.com

fppt.com

Kunjungan Komisi IV DPR RI



fppt.com

Project Activity



fppt.com

fppt.com

thanks



ANNEX 8: LESSONS LEARNED FROM THE PROJECT BY MALAYSIA



LOKASI DAERAH KUALA NERUS, TERENGGANU

SEMPADAN DAERAH KUALA NERUS

Nama Daerah :
Kuala Nerus

Keluasan Daerah :
39,890 HA
(Kuala Terengganu : 21,021.47 HA)

Mukim yang terlibat :

- Pulau Redang
- Batu Rakit
- Kuala Nerus
- Pakoh

Dun yang terlibat :

- Seberang Takir
- Bukit Tunggal
- Tepoh
- Batu Rakit

STATUS SEKTOR PERIKANAN KUALA NERUS

JUMLAH PENDUDUK : 200,000 ORANG

BIL. NELAYAN : 526 ORANG

BIL. VESSEL ENJIN DALAM : 180 BUAH

BIL. VESSEL ENJIN SANGKUT : 260 BUAH

BIL. PENGKALAN NELAYAN : 7 LOKASI

PERSATUAN NELAYAN

- ❖ NAMA : PERSATUAN NELAYAN KAWASAN KUALA TERENGGANU UTARA
- ❖ TAHUN PENUBUHAN : 1 Januari 1983
- ❖ BILANGAN AHLI LELAKI : 809 ORANG
- ❖ BILANGAN AHLI WANITA : 20 ORANG
- ❖ AKTIVITI UTAMA :-
 - JUALAN BAHAN API
 - PEMASARAN IKAN
 - ELAUN SARA HIDUP
 - SUBSIDI BAHAN API



PERANAN AGENSI KERAJAAN MEMBANTU KOMUNITI NELAYAN

- JABATAN PERIKANAN MALAYSIA
 - Perlesenan & Penguatkuasaan
 - Latihan & Kursus Teknikal
 - Bimbingan & Permantuan
- LEMBAGA KEMAJUAN IKAN MALAYSIA
 - Pemasaran Ikan
 - Baiki Rumah
 - Elaun Sara Hidup
 - Subsidi Bahan Api



PRASARANA UTAMA DAERAH KUALA NERUS

- LAPANGAN TERBANG SULTAN MAHMUD
- UNIVERSITI SULTAN ZAINAL ABIDIN
- UNIVERSITI MALAYSIA TERENGGANU
- BATALION 9 PASUKAN GERAKAN AM
- PUSAT PEGEMBANGAN TEKNOLOGI PERIKANAN
- PEJABAT PERSATUAN NELAYAN KAWASAN KUALA TERENGGANU UTARA



KAMPUNG TOK JEMBAL



KOMUNITI NELAYAN KAMPUNG TOK JEMBAL

- JUMLAH PENDUDUK : 3,000 ORANG
- BILANGAN NELAYAN BERDAFTAR : 114 ORANG
- JUMLAH AHLI KELUARGA NELAYAN : 570 ORANG
- BILANGAN VESSEL : 57 SAMPAN
- PERALATAN : PANCING, PUKAT HANYUT, BUBU & CANDAT SOTONG
- PURATA PENDAPATAN KELUARGA : RM 300 – 1,000 SEBULAN



KUMPULAN KOMUNITI NELAYAN KG. TOK JEMBAL

- KUMPULAN EKONOMI NELAYAN
 - ❖ Tahun Penubuhan : 2010
 - ❖ Bilangan Ahli : 35 Orang
 - ❖ Aktiviti :-
 - Jualan Ikan Segar
 - Jualan Peralatan Nelayan
 - Jualan Ais
 - Perikanan Rekreasi



KUMPULAN KOMUNITI NELAYAN KG. TOK JEMBAL

- SUKARELAWAN PERIKANAN (SUPER)

Tahun Penubuhan : 2014

Bilangan Ahli : 15 Orang

Aktiviti :-

- Permantauan Pencerobohan
- Penjagaan & Penyelenggaraan Tukun
- Bantuan Keselamatan di Laut & Pantai
- Penyampai Maklumat
- Bantuan Menyelamat Ketika Bencana



KUMPULAN KOMUNITI NELAYAN KG. TOK JEMBAL

- KUMPULAN EKONOMI NELAYAN

- ❖ Tahun Penubuhan : 2010

- ❖ Bilangan Ahli : 35 Orang

- ❖ Aktiviti :-

- Jualan Ikan Segar
- Jualan Peralatan Nelayan
- Jualan Ais
- Perikanan Rekreasi



KUMPULAN KOMUNITI NELAYAN KG. TOK JEMBAL

- KOPERASI NELAYAN SAMUDERA

Tahun Penubuhan : 2013

Bilangan Ahli : 83 Orang

Aktiviti :-

- Jualan Ikan Segar
- Restoran
- Perikanan Rekreasi
- Kebajikan & Sosial



AKTIVITI KOMUNITI TOK JEMBAL



PROGRAM SOAL SELIDIK UNTUK MENINGKATKAN DAYA TAHAN KOMUNITI PERIKANAN PANTAI DAN PENGURUSAN SUMBER PERIKANAN MAPAN



ISU SOSIOEKONOMI NELAYAN KG. TOK JEMBAL

- Tahap Pendidikan Rendah
- Penggunaan Peralatan Tradisional
- Pendapatan Masih Rendah
- Vessel Bersaiz Kecil
- Kekurangan Modal
- Bergantung Kepada Subsidi
- Sumber Semakin Kurang
- Perebutan Sumber
- Menangkap Ikan Hanya 8 Bulan Setahun Kerana Halangan Cuaca



KEKUATAN KOMUNITI NELAYAN KG. TOK JEMBAL

- Mudah Berkerjasama
- Sokongan Kepada Agensi Kerajaan
- Mendapat Sokongan Pemimpin & Agensi Setempat
- Lokasi Yang Strategik
- Mempunyai Sumber Tempatan Untuk Dimajukan
- Mempunyai sumber Tenaga Manusia Yang boleh Dibangunkan
- Mempunyai Sokongan Komuniti Setempat

CADANGAN PEMBANGUNAN KOMUNITI NELAYAN KG. TOK JEMBAL

- Kursus & Latihan Kemahiran Yang Bersesuaian
- Bimbingan Berterusan
- Projek Peningkatan Ekonomi Keluarga
- Menperkasakan Aktiviti Pertubuhan Sedia Ada
- Kawalan Sumber Perikanan Yang lebih Ketat
- Menambah Kawasan Pengumpulan Sumber Ikan
- Menambah Baik Sistem Pemasaran Ikan
- Mengadakan Projek-Projek Ekonomi Baru Untuk Menambah Pendapatan Komuniti Nelayan

PELAKSANAAN MODUL LATIHAN / KURSUS DI BAWAH PROJEK PENINGKATAN DAYA TAHAN KOMUNITI PERIKANAN PANTAI DAN PENGURUSAN SUMBER PERIKANAN MAPAN

- Program Motivasi & Kesedaran Pengurusan Perikanan Melalui Pendekatan Ekosistem (Ecosystem Approach to Fisheries Management - EAFM)



PELAKSANAAN MODUL LATIHAN / KURSUS DI BAWAH PROJEK PENINGKATAN DAYA TAHAN KOMUNITI PERIKANAN PANTAI DAN PENGURUSAN SUMBER PERIKANAN MAPAN

- Program Motivasi In - Situ Di Pengkalan Nelayan Tok Jembal, Kuala Nerus, Terengganu



PELAKSANAAN MODUL LATIHAN / KURSUS DI BAWAH PROJEK PENINGKATAN DAYA TAHAN KOMUNITI PERIKANAN PANTAI DAN PENGURUSAN SUMBER PERIKANAN MAPAN

- Program Meningkatkan Kemahiran Teknikal Penggunaan Peralatan Elektronik (GPS & Echo Sounder)



PELAKSANAAN MODUL LATIHAN / KURSUS DI BAWAH PROJEK PENINGKATAN DAYA TAHAN KOMUNITI PERIKANAN PANTAI DAN PENGURUSAN SUMBER PERIKANAN MAPAN

- Program Meningkatkan Kemahiran Teknikal Penyelenggaraan & Pembaikan Enjin Sangkut Program Meningkatkan Kemahiran Teknikal Penyelenggaraan & Pembaikan Enjin Sangkut



**PELAKSANAAN MODUL LATIHAN / KURSUS DI BAWAH
PROJEK PENINGKATAN DAYA TAHAN KOMUNITI PERIKANAN
PANTAI DAN PENGURUSAN SUMBER PERIKANAN MAPAN**

- Program Meningkatkan Kemahiran Teknikal Pemprosesan & Produk Perikanan



**PELAKSANAAN MODUL LATIHAN / KURSUS DI
BAWAH PROJEK PENINGKATAN DAYA TAHAN
KOMUNITI PERIKANAN PANTAI DAN PENGURUSAN
SUMBER PERIKANAN MAPAN**

- Program Meningkatkan Keselamatan Nelayan
- Kursus Sijil Kecekapan Kelas 9 (TERHAD) Bagi Pemandu Motor Sangkut
- Program Meningkatkan Kemahiran Baikpulih Vesel Gentian Kaca (Fiberglass)
- Selam Scuba Open Water

**HARAPAN UNTUK
PELAKSANAAN CADANGAN**

- Penubuhan Kumpulan Kerja
- Penyediaan Dana Kewangan
- Menjalankan Kajian Kehendak Komuniti
- Analisa Kehendak Komuniti
- Penyediaan Program Kepada Komuniti
- Pelaksanaan Program
- Permantuan & Laporan



**SEKIAN
TERIMA KASIH**

