STORIES FROM VILLAGE-BASED SEAWEED GROUPS IN INDONESIA: CHIPS, STICKS AND BAKSO

A CASE STUDY OF THE STORIES OF SEAWEED WOMEN’S GROUPS IN INDONESIAN VILLAGES

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Improving seaweed production and processing opportunities in Indonesia
- 17.504 Island
- 18.000 Km length beach (no 2 –Canada)
- 769.452 Ha Seaweed Farming
- ekspor seaweed Increase 11.8% – 26%/year
- 69.4%, People on productive age
The government to provide 26 priority area potential M & F
Indonesia seaweed farming

Gracillaria (Gracilaria sp.)
E. Cottonii (Kappaphycus alvarezii)
Spinosum (Eucheuma denticulatum)

9 MILLION TONS

~ 70% is exported to China
Total Production = 3.576.443 Ton

Gracillaria (Gracilaria sp.) 2.4768.848 Ton
E.Cottonii 1.1087.595 Ton

Distribute 60% to National
Women Involved on seaweed farming & processing

Potensial to increase the income the communities coastal area.
Coverment Strategy to increasing the communities income in the coastal area

Income fisheries still low.
Less 504.000 (2012)
642.350 (IDR) until 737.030 IDR (BPS, 2016).

Empowering women in economic aspect

The Formed group women
The number of women group processing in South Sulawesi

186 groups processing

33 (17.7%) Produce seaweed
69 (37.0%) Produce seaweed and fish
84 (45.3%) Produce fish only

54.7% groups produce seaweed

Objective:
What the reasons the group is formed, and why it continues functioning
Types of seaweed products produced
Method:

• Collecting individual level data from 74 women involved with 17 seaweed processing groups and 9 Village in Takalar Regency of South Sulawesi

• Using FGD and in-depth interviews, and qualitative
• Analysis descriptive correlation

In this paper will explore the history of women in seaweed processing groups, as well as their activities to produce chip, stick and bakso. We also explore impacts of the establishment of the group
Map with the name and location of seaweed women processing groups in Takalar

DATA LOKASI DAN NAMA KELOMPOK PEREMPUAN PENGOLAH RUMPUT LAUT DI KABUPATEN TAKALAR
Results Study
The table/chart indicates that on average, the most productive age for women is 31 to 40 years old, as, for the education, the women's highest degree is high school. These indicate that women in group very productive and have enough skill to manage the business, especially in creating a plan and simple bookkeeping.
the number of active members is less than 10 people where as the government obliges the group to have at minimum 10 members tand maksimal 15 to form a group. It indicates that the groups can not fulfill the hope of the members which results in member reduction.
History of women group processing
Support for forming the group

<table>
<thead>
<tr>
<th>SUPPORT</th>
<th>NUMBER</th>
<th>PERCENTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Government program</td>
<td>17</td>
<td>100</td>
</tr>
<tr>
<td>LSM /NGO</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Individual/group</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
The Impact the group formed by top down approach

<table>
<thead>
<tr>
<th>Positive Impact</th>
<th>Negative Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. The group are directed</td>
<td></td>
</tr>
<tr>
<td>2. The group have better support, both in tool and fund aspects</td>
<td></td>
</tr>
<tr>
<td>3. The developing the skill members by training</td>
<td></td>
</tr>
</tbody>
</table>

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. The group are not creative (already arrange)</td>
<td></td>
</tr>
<tr>
<td>2. The group does not have strong awareness as a member</td>
<td></td>
</tr>
<tr>
<td>3. The program tends to be unsustainable</td>
<td></td>
</tr>
</tbody>
</table>
Reasons for joining the group

<table>
<thead>
<tr>
<th>Reason joining group</th>
<th>Number</th>
<th>Percentage(%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Increased knowledge</td>
<td>19</td>
<td>25,0</td>
</tr>
<tr>
<td>Desire to succeed</td>
<td>18</td>
<td>24,0</td>
</tr>
<tr>
<td>Increased income</td>
<td>33</td>
<td>45,0</td>
</tr>
<tr>
<td>Other</td>
<td>4</td>
<td>5,10</td>
</tr>
</tbody>
</table>

In general, the members hope that by grouping, they can increase their income (45%). The result shows that only few groups get the benefit because of the low access to the market. As a result, they produce only if there is an order.
# Government support

<table>
<thead>
<tr>
<th>Type of support</th>
<th>Support details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment</td>
<td>Mixer, Gas Burner</td>
</tr>
<tr>
<td>Training, skills, products</td>
<td>How to make various seaweed products</td>
</tr>
<tr>
<td></td>
<td>Bookkeeping training</td>
</tr>
<tr>
<td>Capital venture</td>
<td>Revolving fund</td>
</tr>
</tbody>
</table>

No support in linking to the market and networking.
### Marketing products

<table>
<thead>
<tr>
<th>Market product</th>
<th>Number</th>
<th>Percentage (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Local market</td>
<td>4</td>
<td>23.5</td>
</tr>
<tr>
<td>By Order</td>
<td>7</td>
<td>41.1</td>
</tr>
<tr>
<td>Combination</td>
<td>6</td>
<td>35.2</td>
</tr>
</tbody>
</table>

Majority of Group’s just produce by order

However, production is small as there is no permanent buyer
Weakness of product

Internal aspect

Packaging
Lack of production fund
Management
Market (competition)
Networking to market
Policy :, obligate for get funding (bank. etc)

External aspect
Strategy to continue functioning of the seaweed processing women’s groups

- Developing networking with markets, government and Universities, to empower women groups
- Assisting women groups to be competitive in accessing the potential market
- Building women groups to be business professional
- Involve man on activities business of Women Group
Ajjulu’kana

Kamsinah

Strong Motivation to develop the group by

- Networking with Dinas (Gov and Univ)
- Manage the group by family system
- Active to promote their product & group by exhibition
Conclution

- Coastal women have an opportunity in productive economic sector because of the availability of time and raw material.

- Women get benefit from groups, primarily in earning income even though sales are still not optimal and are currently very dependent on orders.

- Women’s groups formed by the Government which aim to provide additional sources of income to the family will function optimally only if there is an accompaniment./assistance

- Low market acces is caused by less competitive products, less packaging and lack of marketing networks.
The seaweed team South Sulawesi
ACKNOWLEDGEMENT

Nicholas Paul
Mike Rimmer
Silva Larson
Field team (Dalvi. Extentionist)
Nathalie Stokl
ขอบคุณ
THANK YOU
TERIMA KASIH
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