Gender Participation in Seaweed Production in NTT Province Indonesia

Introduction
- Seaweed is globally traded, used, and consumed
- Produced by the rural populace in remote areas
- The cultivated seaweed reached 24.4 million tons in 2014 and valued at USD 6.0-8.0 billion worldwide (FAO, 2014).
- The cultivated seaweed is mainly made of Begonia (Begonia platyphylla and Begonia platyphylla spp - 8.3 million tons followed by alginic producing seaweed (TAO 2014).

Farming Characteristic

<table>
<thead>
<tr>
<th>Province</th>
<th>Rural Farmers</th>
<th>Urban/Other</th>
<th>Farming Method</th>
<th>Length of Farming (months)</th>
<th>Average Number of Times Harvested (Per Year)</th>
<th>Best Harvest Season</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTT</td>
<td>10,000</td>
<td>1,000</td>
<td>Long Line</td>
<td>5-8</td>
<td>2-3 times</td>
<td>March to May</td>
</tr>
<tr>
<td></td>
<td>5,000</td>
<td>500</td>
<td>Floating Shelves</td>
<td>4-6</td>
<td>1-2 times</td>
<td>January to May</td>
</tr>
<tr>
<td></td>
<td>2,500</td>
<td>250</td>
<td>Netting</td>
<td>2-3</td>
<td>2-3 times</td>
<td>January to May</td>
</tr>
</tbody>
</table>

Activities as seaweed producers per gender

Changes in Producers History
- Seaweed is one productive family business for men.
- This adds one productive activity for women apart from other productive roles.

Seaweed farming
- It is family business where men & women share the ropes and work on the farms side by side.

Species farmed
- Cladophora species
- Eucheuma species

Working system

Conclusion
- Women and men both have important roles in seaweed culture. It involves all members of the household in all responsibilities and rearing activities.
- Seaweed farming was found to be essentially as a family enterprise.
- Knowing who does what can guide strategies for efficient technology transfer and improve quality.

Acknowledgement
This research was a joint effort of two researchers. The authors are grateful to the Ministry of Marine Affairs and Fisheries, NTT government, the Bloody NTT marine science center, and the people in the study area for their support. The authors would like to thank Dr. Mohammad Arief Kusuma, Dr. Irvan Siswanto, Dr. Ade Firdaus, and Dr. Nektorinus Kusumaningtyas for their contribution to the study.

References