BINTAN ACTIVITY REPORT
January–March 2018

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Activities Report

DSCP-ID3 Implementation in Bintan
January-March 2018

1. Introduction

1.1. Background

Dugong is one of herbivore mammals that lives in swallow water, distributed from Eastern Africa through Vanuatu, southeast side of Papua New Guinea. The distribution of dugong in Indonesia is very thorough and almost there in all swallow water. Its presence in Indonesia is still very difficult to find, only some places at eastern Indonesia, like Sangihe, Alor, and Papua. Marsh (2002) predicted that at 1970, dugong population in Indonesia was 10,000 dugongs. But at 1994, its population decreased to 1000 dugongs. Besides its presence that’s hard to find, dugong is also classified as a protected animal and based on IUCN (1996), dugong is classified as vulnerable.

Through collaboration between Ministry of Marine Affairs and Fishery, Indonesian Institute of Sciences, Bogor Agricultural University, World Wildlife Fund-Indonesia (WWF-Indonesia), and Global Environment Facility (GEF) in effort to conserve dugong and its habitat (seagrass), Dugong and Seagrass Conservation Program (DSCP) has begun. This program has been there since 2016, and was planned to be done in 2018. Regarding this, several locations in Indonesia have been chosen to be the location of program implementation. Those locations are Bintan, Kotawaringin Barat, Tolitoli, and Alor.

DSCP-ID3 implementation in Bintan was not the same with any other sites and only proposed to be a pilot area for the other three locations, so a lesson learned document from the adaptive past conservation which was suited with each area’s uniqueness for the rest one year of project’s time (September 2018) is necessary. Bintan had two outputs, they were 2.1 Mechanism of management and incentive for sustainable fishery and capacity development (community and local government), and 4.1 about the imbalance in policy, planning, and regulation (dugong and seagrass ecosystem conservation) and development recommendation. There would be three activity types in general, they are academical development for sustainable fishery incentive, integrate seagrass and sea diversity through private sector through CSR program in Bintan, and harmonize also integrate policy and regulation.

Bintan’s potency as dugong habitat area is strengthened with having many national and regional companies which could become partner in CSR. Company’s involvement through CSR could help in sustainability management and preserving dugong and seagrass, because Bintan was a potential site to encourage CSR’s involvement in DSCP. With existence of Constitution No. 23 year 2014 about local government, one of them is regulates authority transfer in managing marine management and conservation from district level into province, which marine and fishery agency in district level had no longer authority in managing marine, coastal, and islands. Harmonization is very important to be done to make sure that dugong and seagrass habitat is still preserved and managed well.
1.2. Activities Objective

Objectives of ID3 Implementation in Bintan from January-March 2018 are:
1. Establish CSR mechanism for DSCP in Bintan.
2. Accommodate existence of Regional Seagrass Protected Area (DPPL) which serve as dugong hotspot into Kepulauan Riau RZWP3K Province document.

2. Methodology

2.1. Location/Implementation location

This activity is conducted in Marine and Fishery Faculty of IPB, PKSPL Office, and Bintan.

2.2. Time, participants, and sort of activities

This activity is conducted between January-March 2018 by conducting meeting and coordinate with DSCP-ID partners, potential company, local government, and local apparatus. The participants are as followed:

Table 1 Participants of ID3 Implementation activities Bintan Januari-Maret 2018

<table>
<thead>
<tr>
<th>Participants</th>
<th>Institution</th>
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<tbody>
<tr>
<td>Adriani Sunuddin</td>
<td>FPIK IPB</td>
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<tr>
<td>Akhmad Solihin</td>
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<td>Aliati Iswantari</td>
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<td>Fery Kurniawan</td>
<td>PKSPL IPB</td>
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<td>M. Nur Arkham</td>
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<tr>
<td>Tarlan</td>
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<td>Erik M</td>
<td>FPIK IPB</td>
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<tr>
<td>Muta Ali</td>
<td>UNTIRTA</td>
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<td>Nunung</td>
<td>FPIK IPB</td>
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<tr>
<td>M Mukhlis Kamal</td>
<td>FPIK IPB</td>
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<tr>
<td>Syamsul Bahri Agus</td>
<td>FPIK IPB</td>
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<tr>
<td>Dwi Yuni Wulandari</td>
<td>FPIK IPB</td>
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<tr>
<td>Aditya Hikmat Nugraha</td>
<td>FPIK IPB</td>
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<tr>
<td>Aflaha Abdul Munib</td>
<td>FPIK IPB</td>
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<tr>
<td>Anissa Lawrence</td>
<td>TierraMar</td>
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<tr>
<td>Widi Sulistiono</td>
<td>CEO Senyum Untuk Negeri</td>
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<tr>
<td>Amer</td>
<td>Senyum Untuk Negeri</td>
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<tr>
<td>Suhendy</td>
<td>Nikoi island resort</td>
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<td>Haryati</td>
<td>The Island Foundation</td>
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<td>Hirmon</td>
<td>The Island Foundation</td>
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<tr>
<td>Alexandra valla</td>
<td>WWF-France</td>
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<tr>
<td>Veda Santiadjdi</td>
<td>WWF-Indonesia</td>
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3. Hasil Kegiatan

1.1.5 Develop lesson learned from incentive and tools for sustainable fisheries implementation in Bintan.

Implementation status is accordance with timeline with 55% progress achieved.

- Still in data and material gathering process

2.1.6 Work on integrating seagrass and marine biodiversity into CSR policies of private sectors in Bintan.

Implementation status is accordance with timeline with 50% progress achieved.

Result:

- CSR Mechanism
  1) From listed companies, 3 of them interested in synergizing their program with dugong and seagrass material
  2) Three companies are Bayantree, Nikoi / The Island Foundation, and Club Med.
  3) Nikoi / The Island Foundation wanted their education foundation to include dugong and seagrass material into their learning material
  4) Bayantree still in reviewing what kind of tourism to be develop using their CSR money in Pengundang. Their focus is to reduce
stress in seagrass ecosystem. Bayantree under conservation lab will do seagrass monitoring and data collection. Bayantree also want to include DSCP into Sustainable Tourist Destination Forum (STD), Bintan.

5) Club med is interested in joining to this program, because they interested about identification, potency, and threat to seagrass and dugong in Bintan which presented by DSCP assisted by WWF France and WWF Indonesian

6) Anissa Lawrence from TierraMar is helped this program with giving instruction and counsel in planning CSR in Bintan

7) Tenaga ahli yang akan membantu FPIK-IPB dalam perencanaan dan implementasi CSR di Bintan dan menarik sektor lainnya untuk terlibat dalam upaya konservasi dugong lamun di Bintan adalah tenaga ahli dari SUN (Senyum Untuk Negeri).

8) Expert team from SUN (Senyum Untuk Negeri) will help FPIK-IPB in planning and implementing CSR and attracting another sector to involved in seagrass and dugong conservation effort.

- **Stakeholder meeting**
  1) Planned to be held in August 2018 in Bintan
  2) Meeting participants are from Bintan ring 1 potential companies and some another companies

4.1.1 *Harmonization and integration of policy and regulation with existing fisheries management and other conservation initiatives in Bintan.*

Implementation status is accordance with timeline with 55% progress achieved.

**Result:**

1) Contribute in giving advice for accommodate Bintan RPZ Document and dugong-seagrass habitat into Kepulauan Riau RZWP3K document.

2) There is change in Kepulauan Riau RZWP3K Document, existing condition from some DPL not concluded in space allocation anymore. It will keep updated to accommodate all of DPL which already formed by local community to be included in Kepulauan Riau RZWP3K Document.

3) Another plan is to revised village regulation to be more suitable to current condition in Pengundang village, the plan is still in literature study

4. **Challenges**

1. Changes in consultant who drafted Kepulauan Riau RZWP3K Document, make DSCP-IPB need to start over the submission of dugong hotspot in Bintan

2. Lack of attention from Province DKP to dugong proven by problems in admissibility of existing documents to the planning documents.

5. **Support Needs**
1. Central Government (Dit. KKHL-KKP) should be involved in formulation of deals between Provincial and District government in managing dugong conservation and protection area in Bintan.

2. Central Government (Dit. KKHL/Dirjen. PRL-KKP) could facilitate meeting with the governor to makes mitigation and protection of seagrass (dugong habitat) in all Kepulauan Riau Provincial maritime area be a priority.

6. Documentations

![Figure 1 Asking Bintan stakeholders supports for dugong and lamun conservation in STD (Sustainable Touris Destination) forum.](image)
Figure 2 Follow up meeting with Bayantree after STD forum in Pengundang Village.

Figure 4 DSCP introduction to The Island Fondation / Nikoi
Follow up with The Island Foundation to include dugong and seagrass conservation into their educational material.

Meeting between DSCP, WWF French, WWF Indonesia, UMRAH and Club Med to introduce DSCP Program.
Figure 6 Meeting with Anissa Lawrence to discuss about using CSR for conservation purposes

Figure 7 Meeting with Senyum Untuk Negeri (SUN) to discuss about CSR schemes for conservation purpose
Figure 8 Public consultation of Kepulauan Riau RZWP3K document

Figure 9 Literature study with BPSPL about Institutional harmonization for dugong and seagrass in Bintan (activity 4.1.1).