



GEF SGP Indonesia:

South China Sea Programmes:

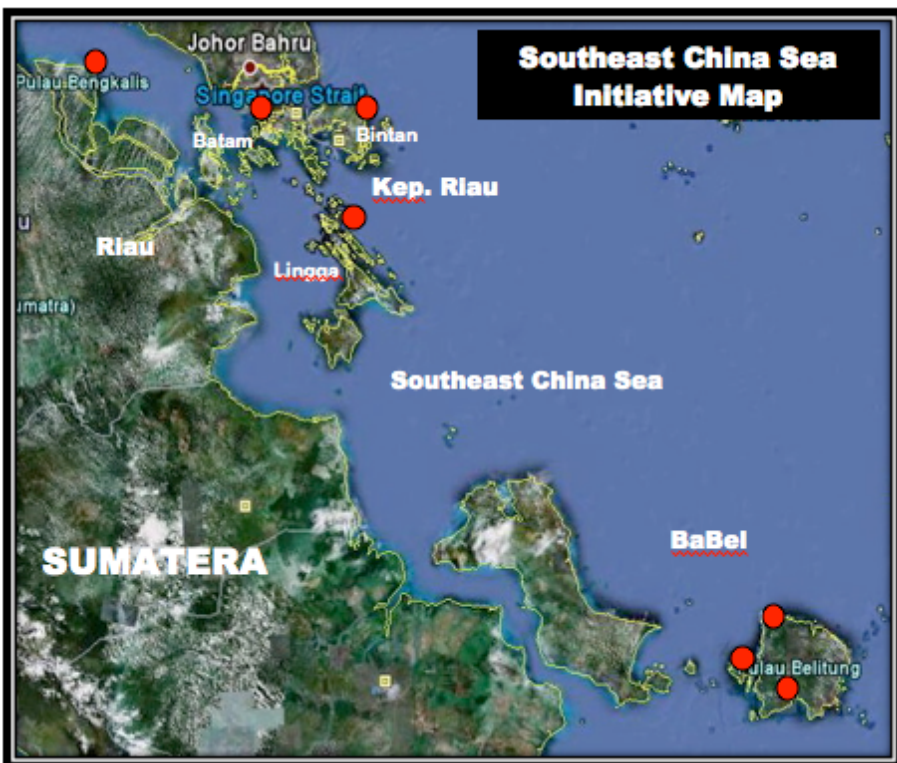
Sustainable community-based coastal management
in Batam and Belitung Province, Indonesia



SOUTH CHINA SEA PROJECT

South China Sea Project (SCS Project)

In September 2008, UNDP and UNEP entered into a partnership agreement to support the implementation of the Regional Strategic Action Programme (SAP) in the South China Sea, implemented through the Global Environment Facility (GEF) Small Grants Programme (GEF/SGP). The total grant for South China Sea Project is USD 600,000 to be divided among five participating countries: Indonesia, Thailand, Philippines, Cambodia, and Vietnam to develop the implementation of community-based programmes in South China Sea.



The map of South China Sea partners in Indonesia

Particularly in Indonesia, the SCS programme is a strategic step that inline with the primary programme of GEF SGP Indonesia especially to manage the coastal ecosystem that have been done previously with community in Serangan and Les Village, Bali, Indonesia. Considering the success story and lessons learned of community in Bali, GEF SGP Indonesia facilitate the participatory planning process with seven partners in South China Sea. These partners are clustered based on their location to two areas those are Belitung Cluster in Bangka Belitung Province and Batam Cluster in Riau Island Province. One partner in Bali play the role more as the knowledge assistance for these clusters due to their notable experiences and network.



PARTNER'S PROFILE - Batam, Riau Islands Province

The Batam Cluster consists of four partners that focus on coastal management issue in four areas in Batam, Bintan, Lingga, and Bengkalis, all in Riau Islands Province. The following is brief information of the Cluster.

Yayasan Gema Lingkungan Indonesia (YGLI)

Strengthening Economic Condition and Raising Awareness of the Communities regarding Sustainable Fishery in Simpadan International Water Area

Total Grant: GEF: USD 50,000

Yayasan Gema Lingkungan Indonesia (YGLI) is a Community-Based Organization working together with fishers community in Sarang Island, Batam, an island with direct border to Singapore. Considering its strategic geographical location, the area is well-known as the center of illegal hard and soft coral trading for customers from Malaysia and Singapore.

YGLI acts as the coordinator for Batam cluster with objectives to recover and to manage the marine resources in sustainable manner in order to increase the economical condition of the community, especially those live in the outer islands and Simpadan International Water by developing their local potentials and restoring the original ecosystem in order to improve its the environmental service. The strategy to be used is by rehabilitating the coral reef habitat to increase the supporting value of ecosystem and developing community-based eco-trading among community in the bordering islands with foreign market, such as Singapore, Malaysia, China, etc.

In order to achieve such objective, YGLI continuously supported the communities in the area and strengthening the Batam Cluster network by collaborating with other experienced network through three organizations, those are LPTSK Benan, LSM Pelita Alam, and Belukap.



Yayasan Pelita Alam

The Improvement of
Community Economy Through
The Development of
Ecological-Based Livelihood To
Promote Responsible Marine
Resource Utilization

Total Grant:
GEF: USD 19,000
SCS: USD 15,000

Lembaga Pengelola Sumberdaya Terumbu Karang (LPSTK) Benan

The Utilization of Marine
Ornamental Fish and The
Development of Livelihood
Through Community Income
Alternative Within Habitat
Conservation and
Rehabilitation Framework

Total Grant:
GEF: USD 19,000
SCS: USD 15,000

This organization works together with community in Dendum Village, East Bintan. The area consists of several islands that used to be the center of bauxite mining. As the result, no marine ecosystem can be located within 5-6 meters from the coast, no fishes and the coral reefs are damaged. This condition mainly triggered by the lack of awareness and knowledge from the community regarding the benefit of coral reefs that are actually widespread in the area, leaving the coral reef's thieves to exploit the wealthy coral ecosystem that eventually reducing the value of environmental service in the area.



LPSTK Benan is a community-based organization in Lingga District, Riau Island province that has abundance coral reefs and marine ecosystem. The organization has previously collaborated with COREMAP thus they are quite familiar with coral reef conservation in its early phase, that is the raising awareness on the importance of the coral reefs and how to protect the ecosystem. What is need to be done furthermore is how to utilize their coastal resources in sustainable manner.



The Riau Islands area have an abundance wealth of marine ecosystem that needs to be protected.



Belukap

Raising Awareness
on the Importance of
Mitigation And Adaptation of
Climate Change
Through Community
Participatory Education in
Coastal Conservation

Total Grant:
GEF: USD 25,000

The organization is a community-based organization that manage the mangrove forest in Bengkalis Barat. The area is a large delta in the Siak River Estuary and is included in the Riau Province. Some say that the place is the center of illegal logging of mangrove wood to be embezzled to Malaysia.

The initial establishment of Belukap group is supported by Yayasan Laksana Samudra and WALHI, two notable organizations that focus on environment. Yayasan Laksana Samudera has the local experience in community-based mangrove forest conservation. Meanwhile, WALHI has national network of grass-root organization that working on environmental projects that surely able to link Belukap with the network that will be beneficial for them.

At the moment, the group manage 45 hectares of mangrove area owned by the members of the group. They had planted and managed the mangrove seedbank together with MAP (Mangrove Action Plan) project in the area that previously used as embankment and affected by abrasion.



The sustainable utilization of mangrove ecosystem can increase community welfare as well as protect the coastal area from abrasion.



Developing the Ecotrading

The goal of the entire four programmes supported by GEF SGP and SCS is to develop the community-based coastal management programme in order to achieve the balance in the ecosystem. Among of the chosen strategies is by having a trade of the coastal potentials and this have to be sustainable community-based trading, or later referred to as eco-trading. The main target of this trading is with countries with bordering directly with Batam Cluster, which are Malaysia and Singapore.

Targeted Development for Batam Cluster

From the four partners in Batam cluster, three of them have similar potencies of abundance coral reefs resources. The potency for developing eco-trading in these three locations are similar, those are reef fishes, consumption fishes, and coral reef cultivation.

Meanwhile, the programme in Bengkalis will focus more on high quality mangrove coal that is potential to be developed by applying sustainable exploration system of the mangrove forest.



The coral reef habitat restoration was done to increase the ecosystem supporting power of Batam coastal area and early step of eco-trading development

Based on the last monitoring, capacity building especially for organizational strengthening, community-based ecotrading development, access to capital, and programme management are still needed.



PARTNER'S PROFILE - Belitung, Bangka Belitung Province

The Belitung Cluster consists of three organizations working on coastal management in the South China Sea area that belongs to Belitung Province, Indonesia. The following is brief information for those organizations.

Kelompok Peduli Lingkungan Belitung (KPLB)

Improving Coastal Community's Living Standard Through Environmental Friendly and Sustainable Management and Usage of Coral Reef Ecosystem

Total Grant:
GEF: USD 50,000

The vision of KPLB is to create sustainable coastal ecosystem management so that the sea resources, including coral reefs and fishes, can be rehabilitated, protected, and managed to increase community welfare and to reduce poverty in Belitung island. The main working area of KPLB is in Tanjung Binga village, Sijuk Sub-District, Belitung District. KPLB initiated their collaboration with the community in the village to revitalize the quality of coral reefs by increasing community awareness regarding the importance of coral reef in the coastal ecosystem. In addition, they also advise the community that the good coastal ecosystem can increase their welfare if they can manage this wealth in sustainable manner.



Releasing turtle hatchlings with the representative of government, communities, and all involved stakeholders was the strategic steps of KPLB in developing their networks

Among others, the notable strength of KPLB is their endeavor in developing the network of coastal management that include government and private sectors, while continue to support the civil society groups. For Belitung cluster, KPLB become the coordinator for the cluster. In order to intertwine the work of these network and to involve community as the beneficiaries, then several activities has to be done, including eco-trading training, business potential identification, market determination, tourism package design complete with attractive activities such as diving and snorkeling.



Komunitas Sahabat Alam

Saving the Genuine Mangrove Forest in Selat Nasik Island as a Mangrove Education and Information Centre and in the same time increase the Welfare of the Local Community in Adaptation to Climate Change

Total Grant:
SCS: USD 30,000

Kelompok Pecinta Alam ARIMBA

Conserving and Increasing Tarsius Bancanus Saltator Population through Rehabilitation of Habitat and Ecosystem while Strengthening Community Understanding and Involvement in Conservation Effort

Total Grant:
SCS: USD 25,000

The organization works with community in the Selat Nasik mangrove forest area to develop the knowledge and understanding on the function of mangrove forest for their area and how to utilize it in sustainable manner. The goal of this programme is to conserve the mangrove forest and to build information and research center for mangrove ecosystem.



This group collaborates with community live nearby Tajam Mountain, a 510-meter high mountain in Belitung island, to save and to increase the population of Tarsius bancanus saltator, a species endemic to the island. This collaboration is mainly done to strengthen the understanding of the community in regards with the conservation efforts and how they can be



Tarsius bancanus saltator, hewan endemik kawasan Bangka Belitung yang mulai sering menjadi tujuan penelitian

involved in such. In addition, the programme also develop collaboration with many stakeholders, including researcher to collect more data of this endemic species as well as collaborate with government and related instances to increase the protection status of Tarsius population. One of the strategies applied in the area is the development of ecotourism as an alternative livelihood for the community that previously hunting Tarsius for living.



Developing the Eco-Trading

Similar to Batam cluster, the main vision of these three programmes supported by GEF SGP and SCS is to develop the community-based coastal management programme in order to achieve the balance in the ecosystem. Among of the chosen strategies is by having a trade of the coastal potentials and this have to be sustainable community-based trading, or later referred to as eco-trading. In Belitung cluster, the main potencies for this ecotrading are coral reefs, fish reefs, and ecotourism.

Targeted Development for Belitung Cluster

According to the last monitoring, the capacity building is very much needed for the development of this programme, especially the organizational strengthening, community-based eco-trading business development, access to capital, and capacity for administration and management. Besides, partners in Belitung need more support to develop their idea of coastal management information center that consist of more researchers, fishers' equipment, and wider stakeholders network that related with coastal area conservation.



KPLB build the outbound facilities in Batu Mentas, one of their working area, among their efforts to develop alternative ecotourism destination other than the famous beaches in Belitung



STRATEGIC PLANNING FOR SOUTH CHINA SEA PROJECT

Strategic Planning for SCS Project

Based on the previous experiences of SGP partners trying to develop sustainable community-based business scheme, this vision will remain as a challenge if it was done partially without professional planning. Some of the challenges include capacity to identify and connect with the market, understanding on the sustainability production system, knowledge on the management area and its border, up to programme management. Therefore, strong entrepreneurship skills and network will be highly needed to develop the community-based business plan as a reward of their conservation efforts. This joint movement between Batam and Belitung network in the eco-trading is based on similarities of products, infrastructures, market target, and shared vision of each programmes to maintain the sustainability as the pillar of independency.

Based on the geographical area, the location of these programmes are in the international water area of Indonesia, Malaysia, and Singapore, main route of many ships passing through for Mollucas Strait. Thus these locations have many similarities in the ecosystem, climate, and biodiversity characteristics.

Other than the seven programmes mentioned above, Telapak, a network based organization based in Jakarta, is also a partner of GEF SGP Indonesia to support for this community-based coastal management programmes. Telapak is well known of their in-depth experiences in mentoring community-based coral reefs conservation and trading. The role of this organization in the SCS programme is to act as the mentor for capacity building, especially from the technical side, business development, marketing, and programme monitoring in order to ensure the sustainability of the SCS programme.

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