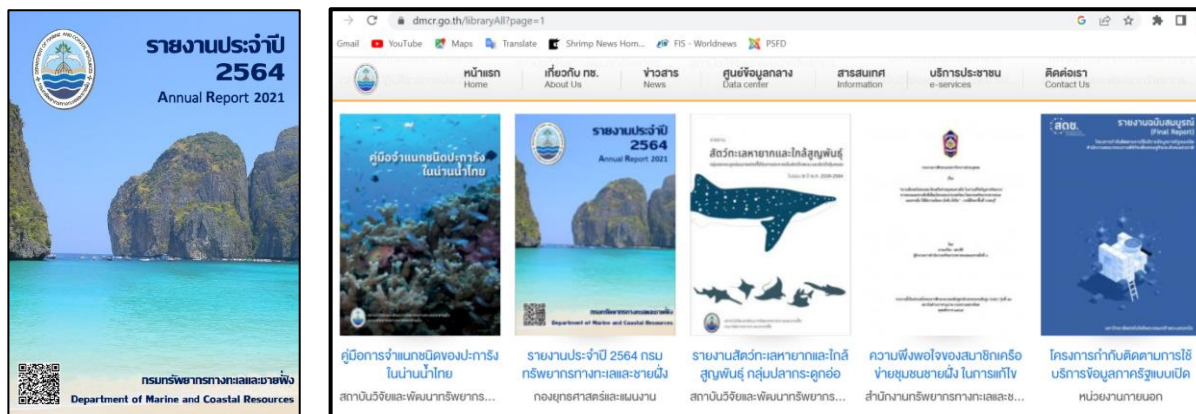


## Milestone 37 - Determine success of habitat restoration projects within Surat Thani.

### *Information from DMCR Annual Report 2021*

The DMCR has completed the 2021 Annual Report and has published it on the DMCR website (An annual report like this will be prepared, follow up and published annually by the DMCR). The results of the rehabilitation of Habitat are as follows:



## 1. Management of mangrove forest resources.

### 1.1 Reclaiming mangrove forests.

Fiscal year 2021, 114 cases of mangrove forest reclamation have been undertaken, 26 accused, area of 2,578.10 rai.

### 1.2 Restoration and reforestation in the mangrove area.

Fiscal Year 2021, Department of Marine and Coastal Resources Implemented the mangrove planting project, covering an area of 11,170 rai.



### 1.3 Preparation of maps and markings indicating the boundaries of conserved mangrove forests.

A draft protection measure under Section 23 of the Marine and Coastal Resources Management Promotion Act, B.E. 2558 has been prepared. There was a meeting of the National Marine and Coastal Resources Management Policy and Plan Committee No. 2/2020 on 4 November 2020, with

General Prawit Wongsuwan, Deputy Prime Minister, as the chairman of the meeting, which considered the draft ministerial regulations specifying areas of conserved mangrove forests in Chonburi, Phetchaburi, Surat Thani and Pattani provinces. The draft ministerial regulations are pending with the Secretariat of the Cabinet receiving the observations of relevant agencies before presenting them to the Cabinet for consideration by the Office of the Council of State.

## **2. Marine resource management (Coral Reef).**

For the fiscal year 2021, undertook coral planting in the amount of 150 rai, 240,000 branches, 21 areas in 8 provinces, Rayong, Trat, Chonburi, Prachuap Khiri Khan, Surat Thani, Phuket, Krabi and Ranong. From monitoring and evaluating the survival rate of the corals that were planted in the short term (30 days). The follow-up results showed that the corals that were planted had an average survival rate of 94%.



## **3. Marine resource management (Seagrass).**

In the fiscal year 2021, the planting of 60 rai of seagrass was carried out in 4 provinces, Trat, Chumphon, Nakhon Si Thammarat and Phang Nga. The follow-up results found that the planted seagrass had an average survival rate of 60-70%.



#### 4. Marine debris management.

As for the Department of Marine and Coastal Resources, it has continued to manage marine debris since fiscal year 2017 and in fiscal year 2021 has carried out various important projects to help reduce the number of marine debris in the sea and the coast including preventing the re-emergence of marine debris.

In the fiscal year 2021, it has implemented important projects related to marine debris management, able to collect 443,825 kilograms of residual waste from coastal ecosystems (approximately 444 tons), totaling 3,950,904 pieces of waste, and is in the process of research studies to obtain Acquiring knowledge about the marine debris database and the impact of marine debris on coastal ecosystems.



#### 5. The preparation of artificial coral reefs for the restoration of marine resources.

In the fiscal year 2021, 3,794 artificial coral reefs were produced for the restoration of marine resources in 5 locations in 4 provinces: Surat Thani, Pattani, Narathiwat and Trang.



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**Reference:**

<https://www.dmcg.go.th/libraryAll?page=1> (2021 DMCR Annual Report).