

**ANNEX 6 : PROGRESS WORKS BY CAMBODIA**



**CAMBODIANATIONAL REPORT AS OF 30 June 2022**

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**NATIONAL SCIENTIFIC AND TECHNICAL FOCAL POINT**  
**SEAFDEC/UNEP/GEF/FISHERIES REFUGIA PROJECT**

**6<sup>th</sup> REGIONAL SCIENTIFIC AND TECHNICAL COMMITTEE**  
**MEETING**  
**4-6 July 2022**

**SEAFDEC/Training Department, Samutprakarn, Thailand**



**Content of Presentation**

- 1. Fisheries Refugia Project Site**
- 2. Establishment and Management Measurement of Fisheries Refugia**
- 3. Fisheries Refugia Management and Coordination Structure**
- 4. Legal Framework and Strategy plan for Fisheries Refugia Management**



## 1. Fisheries Refugia Project Site



## 2. ESTABLISHMENT AND MANAGEMENT OF FISHERIES REFUGIA


### 2.1 BACKGROUND OF FISHERIES REFUGIA IN KEP PROVINCE

គោលបំណងនៃគម្រោងតំបន់សម្រាប់ត្រី គឺ ដើម្បី គាំទ្រ ដល់ ការ គ្រប់គ្រង តំបន់ សម្រាប់ ត្រី ក្នុង តំបន់ ឃុំ កោះ កុង ខេត្ត កែប ដែល មាន តំបន់ សម្រាប់ ត្រី ចំនួន ៧ តំបន់ មាន ផ្ទៃ ដី រួម ទាំង ១១៣០៧ ហិកតា ។




- Site Name: Marine Fisheries Management Area including Fisheries Refugia at Koh Po, Kep province
- Target Species: Blue Swimming Crab and Anchovy
- Total size: 11307ha
- Endorsed Date: 12 April 2018
- **SITE BASED MANAGEMENT BOARD FOR THE MARINE FISHERIES MAANAGEMENT AREA INCLUDING BSC REFUGIA**
  - Provincial Management committee (chaired by provincial governor and with various government agencies participations)
  - Provincial Technical Working Group (chaired by provincial deputy governor and with various government agencies, NGOs, private sectors and community participation)





### MANAGEMENT MEASURE OF MARINE FISHERIES MANAGEMENT AREA INCLUDING BSC REFUGIA IN KEP PROVINCE







Closed season of BSC starting from May to July, all kinds of fishing gears targeted catching crabs and negatively impact are prohibited

No closing season for Anchovy but only small-scale fishing gears are allowed.

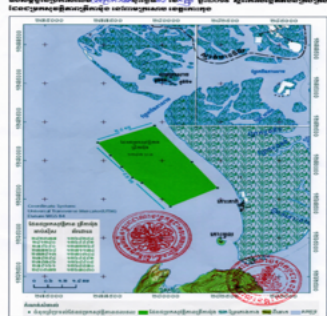
Deploying 345 concrete blocks into MFMA and refugia site in order to protect marine habitat and improve marine habitat and prevent illegal fishing activities

Disseminate a noticed letter during closed season of BSC starting from May to July through local media, facebook of provincial hall administration, and meeting with fishermen




### 2.2 BACKGROUND OF FISHERIES REFUGIA IN KOH KONG PROVINCE



- Site Name: Mackerel Fisheries Refugia at Peam Krasob, Koh Kong Province
- Target Species: Short Mackerel
- Refugia Site Size: 1283ha
- Endorsed Date: 16 September 2019

➤ **SITE BASED MANAGEMENT BOARD FOR THE MARINE FISHERIES MAANAGEMENT AREA INCLUDING BSC REFUGIA**

- Provincial Management committee (chaired by provincial governor and with various government agencies participations)
- Provincial Technical Working Group (chaired by provincial deputy governor and with various government agencies, NGOs, private sectors and community participation)





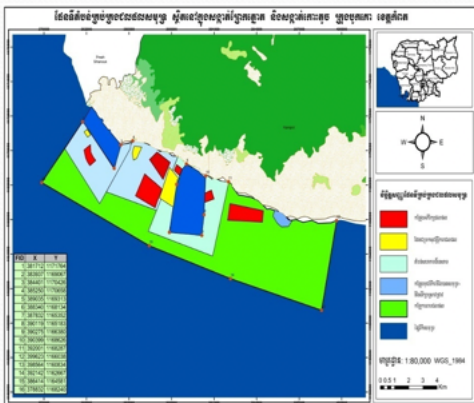
**MANAGEMENT MEASURE OF SHORT MAKEREL REFUGIA IN KOH KONG PROVINCE**



- ❖ Closed season of short mackerel starting from December to March and during that time, all kinds of fishing gears targeted short mackerel and negatively impact to mackerel are prohibited
- ❖ Patrolling, crack down illegal fishing, and stand by at the refugia site,
- ❖ Deploying 50 concrete blocks into fisheries refugia site in order to prevent illegal fishing at refugia site and to improve artificial habitats
- ❖ Disseminating a noticed letter on closed season of short mackerel starting from December to March




**2.3 BACKGROUND OF FISHERIES REFUGIA IN KMAPOT PROVINCE**





- Site Name: Marine Fisheries Management Area including Grouper Fisheries Refugia at Preak Thnoat, Kampot Province
- Target Species: Grouper
- Estimated MFMA and Refugia Site Size: 8904ha including 284ha for juvenile grouper fisheries refugia area
- Endorsed Date: Not approved yet, on final discussion at provincial level especially outer boundary and zoning







### MANAGEMENT MEASURE OF MARINE FISHERIES MANAGEMENT AREA INCLUDING JUVENILE GROUPER REFUGIA IN KAMPOT PROVINCE


- ❖ Deploying 50 concrete blocks into fisheries refugia site in order to prevent trawler from fishing at refugia site and to serve as the artificial habitats for some key fish species and endangered species as well,
- ❖ Prohibit trawlers and gear with small mesh size within MFMA and refugia site,
- ❖ Even though the refugia site has not been endorsed but some activities have been carried out including patrolling and dissemination.




### 2.4 BACKGROUND OF FISHERIES REFUGIA IN PREAH SIHANOUK PROVINCE




- Site Name: Blood Cockle Fisheries Refugia at Prek Sangke village, Tek Khlar commune, Prey Nob district, Preah Sihanouk province
- Target Species: Blood cockle (Anadam granosa)
- Refugia Site Size: 116ha
- Endorsed Date: 20 August 2020
- SITE BASED MANAGEMENT BOARD will be established
- Management plan will be formulated





### MANAGEMENT MEASURE OF BLOOD COCKLE REFUGIA IN PRAH SIHANOUK PROVINCE



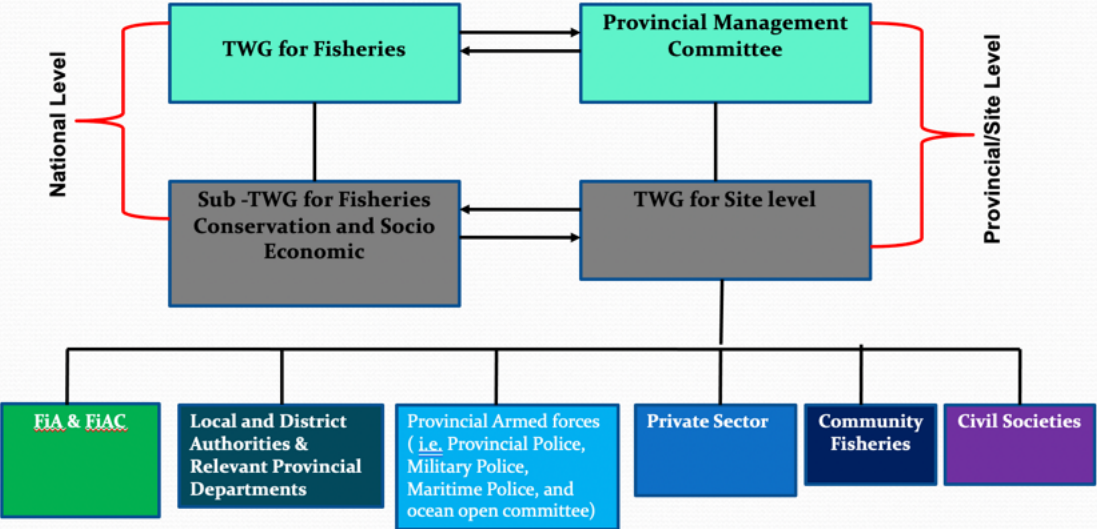
- ❖ Closed season of blood cockle fishing starting from June to October
- ❖ All kind of fishing gears targeted blood cockle are prohibited during closing season
- ❖ Only hand collection is allowed during open season
- ❖ Allow to collect blood cockle by hand during open season
- ❖ So far, 50 concrete blocks were deployed
- ❖ Demarcate the boundary of blood cockle refugia site







### 3. MANAGEMENT AND COORDINATION STRUCTURE



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graph TD
    subgraph National_Level [National Level]
        TWG_Fisheries[TWG for Fisheries]
        Sub_TWG[Sub-TWG for Fisheries Conservation and Socio Economic]
    end
    subgraph Provincial_Site_Level [Provincial/Site Level]
        PMC[Provincial Management Committee]
        TWG_Site[TWG for Site level]
    end
    TWG_Fisheries <--> PMC
    Sub_TWG <--> TWG_Site
    TWG_Fisheries --- Sub_TWG
    PMC --- TWG_Site
    TWG_Site --- Stakeholders
    subgraph Stakeholders
        FIA_FiAC[FIA & FiAC]
        Local[Local and District Authorities & Relevant Provincial Departments]
        Armed[Provincial Armed forces (i.e. Provincial Police, Military Police, Maritime Police, and ocean open committee)]
        Private[Private Sector]
        Community[Community Fisheries]
        Civil[Civil Societies]
    end
    
```

- At national level it, Technical Working Group (TWG) for Fisheries is chaired by Director General of FiA. Fisheries Refugia in sub-group of socio economic and conversation chaired by DDG of FiA.
- At provincial level, Provincial Management Committee (PMC) is chaired by Provincial Governor. Technical Working Group for Site chaired by Provincial Deputy Governor.





### 4. Legal Framework and Strategy plan for Fisheries Refugia Management



Establishment and Operation of a Regional System of Fisheries Refugia in the South China Sea and Gulf of Thailand

**FISHERIES REFUGIA PROFILE AND LANDING SITE IN KEP PROVINCE**



Prepared by  
DEPARTMENT OF FISHERIES CONSERVATION  
FISHERIES ADMINISTRATION  
CAMBODIA

- Three proclamations on the establishment of the management area of fisheries refugia in kep, Koh Kong, and Preh Sihanouk provinces have been adopted
- Three fisheries refugia profiles in Kep, Kampot, and Koh Kong province have been adopted



Establishment and Operation of a Regional System of Fisheries Refugia in the South China Sea and Gulf of Thailand

**FISHERIES REFUGIA PROFILE AND LANDING SITE IN KOH KONG PROVINCE**



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DEPARTMENT OF FISHERIES CONSERVATION  
FISHERIES ADMINISTRATION  
CAMBODIA



Establishment and Operation of a Regional System of Fisheries Refugia in the South China Sea and Gulf of Thailand



**FISHERIES REFUGIA PROFILE AND LANDING SITE IN KAMPOT PROVINCE**




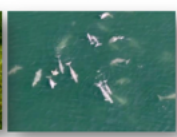

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CAMBODIA

4. Continue

Kingdom of Cambodia  
Nation Religion King





**5-YEAR ACTION PLAN FOR MARINE FISHERIES MANAGEMENT AREA IN KOH PO AND KOH TONSAY ARCHIPELAGO, KEP PROVINCE (2020-2024)**

December, 2019

- 5 year-Action Plan for Marine Fisheries Management Area including BSC refugia at Koh Po and Koh Tonsay Archipelago, Kep province has been officially approved and implemented
- National guideline for fisheries refugia management is a final draft , but it is needed to review it again before publishing
- National Action Plan for Fisheries Refugia Management is needed to consult and discuss more with relevant stakeholders at provincial and national level to finalize this document



**4. Continue**

The concept of fisheries *refugia* has been integrated into:

- National Plan of Action for Combating IUU Fishing
- Final draft of 10 year strategy plan for fisheries conservation,
- Marine Management Plan
- Included in the draft New Law on Fisheries Law as follows:
  - ❖ Article 15 and 16: Stated about type of Fisheries Management with inclusion of Fisheries Refugia (FR)
  - ❖ Article 17: Stated about Legal type to support the establishment of FR
  - ❖ Article 20: Stated about Where FR shall be established
  - ❖ Article 24: Stated about Restriction of fishing activities within FR
  - ❖ Article 126: Stated about Penalty (250\$ - 2500\$) and in some case the amount is double.



**4. Continue**






Leaflets on fisheries refugia has been published and distributed to participants during National Fish Day Ceremony on 1<sup>st</sup> July 2022.