

## National Report of Cambodia and Presentation at the RSTC4

### PART 1: Progress and status of project implementation (refers to Annex 1)

Indicators	Name/Location/Province	Target Species	Status		Estimated Refugia Size (Hectares)	Marine Habitat linkage		Refugia Profile (done/not yet)
			Adopted	In process (expected date)		Type (coral, seagrass, mangrove)	Estimated Size (ha)	
<i>Fisheries Refugia Adoption</i>	Marine Fisheries Management Area including Fisheries Refugia at Koh Po, Kep province	Blue Swimming Crab ( <i>Portunus pelagicus</i> )	12 April 2018		417 ha	- Coral reef, - Sea grass - Mangrove	Coral reef = 52ha Sea grass= 2790ha Mangrove= 1005ha	Not yet
	Fisheries Refugia at Peam Krosob, Koh Kong province	Short Mackerel ( <i>Rastrelliger brachysoma</i> )	16 Sept. 2019		1283 ha	- Coral reef, - Sea grass - Mangrove	Coral reef = 602ha Sea grass= 3993ha Mangrove= 62000ha	Not yet
	Marine Fisheries Management Area including Fisheries Refugia at Trapaing Ropaov, Kampot province	Grouper ( <i>Epinephelus coioides</i> )		Processing	N/A	- Coral reef, - Sea grass - Mangrove	Coral reef = 953ha Seagrass= 25000ha Mangrove= 1900ha	Not yet
<p><i>If not yet achievement, give a reason and strategic workplan including expected date for completion:</i></p> <ul style="list-style-type: none"> <li>- Due to overlapping between Marine Fisheries Management Area (MFMA) including grouper refugia and Development Company as well as COVID 19 Pandemic outbreak. However the new boundary of MFMA has been revised and sent to Kampot Administration for further action. We expect to adopt Marine Fisheries Management Area including Fisheries Refugia at Kampot province in December 2021.</li> <li>- Fisheries refugia profile will be completed in September 2021</li> </ul>								

	<p><i>Willingness of fisheries and environment sectors to agree on Establishment of Fisheries Refugia:</i></p> <p>Both sectors feel satisfied and happy in the establishment of fisheries refugia in following purposes:</p> <ul style="list-style-type: none"> <li>– To manage sustainable marine fisheries resources, biodiversity, and ecosystem,</li> <li>– To ensure sustainable fish stock,</li> <li>– To ensure sustainable fishing in order to enhance community livelihood depending on the natural resources, and</li> <li>– To strengthen the adaptation of climate change.</li> </ul>
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<i>Indicators</i>	<i>Site</i>	<i>List of the key community/stakeholder</i>	<i>Issues/problems in the establishment</i>	<i>How to achieve?</i>
<i>community / stakeholder engagement in establishing of Fisheries Refugia and implementation of agreed management measures</i>	<b>Kep</b>	<ul style="list-style-type: none"> <li>• Governor of Kep Province</li> <li>• Deputy Governor of Kep Province</li> <li>• Fisheries Administration</li> <li>• Provincial Department of Agriculture, Forestry, and Fisheries</li> <li>• Provincial Police</li> <li>• Provincial Military Police</li> <li>• Maritime Police No.430</li> <li>• Provincial Department of Economy and Finance</li> <li>• Provincial Department of Planning</li> <li>• Provincial Department of Environment</li> <li>• Provincial Department of Tourism</li> <li>• Provincial Department of Public Works and Transports</li> <li>• Department of Land and Construction</li> <li>• Governor of Kep district</li> <li>• Governor of Damnak Chornng Ore district</li> <li>• Kep Fisheries Administration Cantonment/DoA</li> <li>• Kep Provincial Administration</li> <li>• Private Sector</li> <li>• IUCN</li> <li>• MCC (local NGO based in Koh Arch Ses in Kep province)</li> <li>• Local Authorities ( Head of 5 Commune</li> </ul>	<ul style="list-style-type: none"> <li>• Hard to set times for meeting at provincial level, especially meetings with provincial administration leader were proponed for many times</li> <li>• Changing Deputy Governor of Kep province responsible in the preparation of establishment of marine fisheries management area including blue swimming crab refugia.</li> <li>• Thus, establishment process of marine fisheries management area including blue swimming crab was delayed for long time</li> </ul>	<ul style="list-style-type: none"> <li>– Stakeholder consultation meeting at local level, conducted to identify sites, prepare map and boundary, size, and set certain way points. Participants are from FiA, provincial department of agriculture, forestry, and fisheries, fisheries administration cantonment, local authorities, community fisheries, fishermen, private sector, and NGO involved,</li> <li>– Provincial stakeholder consultation meeting with provincial administration ( chair person of meeting by provincial deputy governor), FiA, relevant provincial departments, provincial police, provincial military police, district authorities, local authorities, private sector, and NGOs involved to check, verify, finalize the map, boundary, size, and way points,</li> <li>– Stakeholder consultation meeting at nation level with FiA’s Law team to check the format of proclamation preparation on the establishment of marine fisheries management area including fisheries refugia sites,</li> <li>– Stakeholder consultation meeting at nation level with MAFF’s law team, FiA, provincial administration, provincial department of agriculture, forestry, and fisheries, and fisheries administration cantonment to check and finalize the format of proclamation on the establishment of marine fisheries management area including fisheries refugia sites, and</li> <li>– Signed and stamped on the proclamation by Minister of Agriculture, Forestry, and Fisheries.</li> </ul>

		<p>Council)</p> <ul style="list-style-type: none"> <li>• Head of 5 Community Fisheries</li> </ul>		
	<b>Koh Kong</b>	<ul style="list-style-type: none"> <li>• Deputy Governor of Koh Kong Province</li> <li>• Fisheries Administration</li> <li>• Provincial Department of Agriculture, Forestry, and Fisheries</li> <li>• Provincial Police</li> <li>• Provincial Military Police</li> <li>• Maritime Police No.269</li> <li>• Provincial Department of Environment</li> <li>• Provincial Department of Tourism</li> <li>• Provincial Department of land and construction</li> <li>• Mondol Sema district authority</li> <li>• Koh Kong district authority</li> <li>• Kep Fisheries Administration Cantonment/DoA</li> <li>• Kep Provincial Administration</li> <li>• Private Sector</li> <li>• IUCN</li> <li>• WCS</li> <li>• FFI</li> <li>• Local Authorities</li> <li>• Community Fisheries</li> </ul>	<p>Hard to set times for meeting at province level, especially meetings with provincial administration leader were delayed for five times</p>	<ul style="list-style-type: none"> <li>– Stakeholder consultation meetings at local, conducted to identify sites, prepare map and boundary, size, and set certain way points. Participants were from FiA, provincial department of agriculture, forestry, and fisheries, fisheries administration cantonment, local authorities, community fisheries, fishermen, private sector, and NGOs involved,</li> <li>– Stakeholder consultation meetings at provincial level, conducted to check, verify, finalize the map, boundary, size, and way points. Participants are from provincial administration ( chair person of meeting by provincial deputy governor), Fisheries Administration, relevant provincial departments, provincial police, provincial military police, district authorities, local authorities, private sector, and NGOs involved,</li> <li>– Stakeholder consultation meeting at nation level with FiA’s Law team to check the format of proclamation preparation on the establishment of marine fisheries management area including fisheries refugia sites,</li> <li>– Stakeholder consultation meeting at nation level with MAFF’s law team, FiA, provincial administration, provincial department of agriculture, forestry, and fisheries, and fisheries administration cantonment to check and finalize the format of proclamation on the establishment of marine fisheries management area including fisheries refugia sites, and</li> <li>– Signed and stamped on the proclamation by Minister of Agriculture, Forestry, and Fisheries.</li> </ul>
	<b>Kampot</b>	<ul style="list-style-type: none"> <li>• Deputy Governor of Kampot Province</li> <li>• Fisheries Administration</li> <li>• Provincial Department of Agriculture, Forestry, and Fisheries</li> <li>• Provincial Police</li> <li>• Provincial Military Police</li> <li>• Maritime Police No.241</li> <li>• Provincial Department of Environment</li> <li>• Provincial Department of Tourism</li> <li>• Provincial Department of land and construction</li> <li>• Tek Chhou district authority</li> </ul>	<ul style="list-style-type: none"> <li>– Site of establishment of marine fisheries management area including fisheries refugia overlapped with Development Company, so the new boundary of marine fisheries management area including grouper refugia sites has been revised and sent to kampot provincial administration</li> </ul>	<ul style="list-style-type: none"> <li>– Stakeholder consultation meeting at local, conducted to verify and approve new boundary of marine fisheries management area including grouper refugia site and development company</li> <li>– Stakeholder consultation meeting at provincial level to finalize new boundary and development company</li> <li>– Stakeholder consultation meeting at nation level with MAFF’s law team, provincial administration, provincial department of agriculture, forestry, and fisheries, and fisheries administration cantonment to check and finalize the proclamation on the establishment of marine fisheries management area including fisheries refugia sites, and</li> <li>– Signed and stamped on the proclamation by Minister of Agriculture, Forestry, and Fisheries.</li> </ul>

	<ul style="list-style-type: none"> <li>• Kep Fisheries Administration Cantonment/DoA</li> <li>• Kep Provincial Administration</li> <li>• Private Sector</li> <li>• WEA</li> <li>• Prek Thnaot Commune</li> <li>• Tro Paing Ropaov Community Fisheries</li> <li>• Prek Thnaot Community Fisheries</li> <li>• Chhorn Horn Community Fisheries</li> </ul>	<p>for further action.</p> <ul style="list-style-type: none"> <li>– COVID 19 outbreak in the province</li> </ul>	
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<b>Indicators</b>	<b>Progress and status</b>	<b>Remarks</b>
<i>Reform of national policy, legal and regulatory frameworks governing the management of fisheries refugia</i>	<ul style="list-style-type: none"> <li>– The concept of fisheries <i>refugia</i> has been integrated into national fisheries policy and legal basic, including the Law of Fisheries, National Plan for Action, Plan on Combating IUU Fishing, 10 year strategy plan for fisheries conservation, and 5 year management plan for fisheries conservation, to ensure fisheries refugia management effectively.</li> <li>– Marine Fisheries Management Area including Blue swimming crab Fisheries Refugia at Koh Po and Koh Tonsay Archipelago, Kep province is officially promulgated by the Minister of MAFF on 12 April 2018, which covers the total area of 11307 including 417ha for blue swimming crab refugia site. At that time, two committees have been formulated, Provincial Management Committee is chaired by Kep Governor and Technical Working Group for the Management of Marine Fisheries Management Area is chaired by Deputy Governor of Kep province.</li> <li>– Mackerel Fisheries Refugia at Peam Krasob, Koh Kong province is officially promulgated by the Minister of MAFF on 16 September 2019, which covers the total area of 1283ha. At that time, Technical Working Group for Marine Fisheries Management has been established in February 2020 and Deputy Governor of Koh Kong province is the Chairperson of the TWG.</li> <li>– Marine fisheries management area including grouper Fisheries Refugia at Prek Thnaot , Kampot province has not been adopted officially yet due to overlapping some parts of the fisheries refugia sites with economic development projects. New boundary of marine fisheries management area including grouper refugia site has been revised and sent to Kampot Administration to take further action.</li> </ul>	<p>Amendment of fisheries law in Cambodia has not been adopted yet</p> <p>Marine fisheries management area including grouper refugia site will be adopted in December 2021</p>

<b>Indicators</b>	<b>Sharing country experience on changing of fisherfolk attitude</b>	<b>Remarks</b>
<i>Status of enabling environment reform including extent of behavioural change among small-scale fisherfolk at refugia sites</i>	After the Royal Government of Cambodia making the policy reform of decentralization, Ministry of Agriculture, Forestry, and Fisheries made decentralization to sub-national to manage natural resources by themselves at the end of 217. Coincidentally two proclamations on the establishment of marine fisheries management area including fisheries refugia in Kep and Koh Kong provinces are issued by Minister of Agriculture, Forestry, and Fisheries in 2018 and 2019.	

	<p>In this connection, small scale fisherfolk at fisheries refugia sites, especially community fisheries has been observed that they have changed their behaviors in term of participation in management of marine fisheries recourse in order to ensure fish stock and sustainable fisheries resource utility.</p> <p>In particular, community fisheries took part in disseminating closed fishing during spawning season (i.e. mackerel and blue swimming crab), enforcing law of fisheries and regulation, and patrolling to monitor illegal fishing action happening at refugia sites.</p>	
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**PART 2: Statistical Data**

<b>Indicators</b>	<b>Type of Boat</b>	<b>2005</b>	<b>06</b>	<b>07</b>	<b>08</b>	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>
<i>Number of fishing boat at refugia sites from 2005 - 2020 in Kep province</i>	Fishing boats without engine											93	134	134	134	134	134
	Fishing boats with engine in <10hp	<b>Kep province was separated from Kampot province in 2015</b>										193	460	460	0	0	290
	Fishing boats with engine in 10-30hp											20	42	42	0	227	304
	Fishing boats with engine in >30-50hp											0	0	0	520	367	0
	Fishing boats with engine in >50hp											0	0	0	74	0	0
<i>Number of fishing boat at refugia sites from 2005 - 2020 in Koh Kong province</i>	Fishing boats without engine				239	239	0	215	215	215	31	49	49	0	1	1	1
	Fishing boats with engine in <10hp				2972	2942	1519	2241	2241	2241	1528	1647	1647	2099	2099	2424	2613
	Fishing boats with engine in 10-30hp				1204	1204	779	595	595	595	1467	1471	1471	473	479	895	706
	Fishing boats with engine in >30-50hp				88	88	387	155	155	155	69	69	69	87	87	67	67
	Fishing boats with engine in >50hp				71	71	251	93	93	93	150	148	148	155	155	10	10
<i>Number of fishing boat at refugia sites from 2005 - 2020 in Kampot province</i>	Fishing boats without engine				498	498	498	507	335	335	335	335	335	242	242	13	13
	Fishing boats with engine in <10hp				895	895	895	686	456	456	456	456	456	263	601	410	410
	Fishing boats with engine in 10-30hp				198	198	198	226	176	176	176	176	176	156	0	623	623
	Fishing boats with engine in >30-50hp				0	0	0	2	2	2	2	2	2	2	452	6	6
	Fishing boats with engine in >50hp				0	0	0	0	0	0	0	3	3	3	0	0	0



Annex 1:

