



**IMPLEMENTING THE STRATEGIC ACTION PROGRAMME FOR THE YELLOW SEA LARGE MARINE ECOSYSTEM:
RESTORING ECOSYSTEM GOODS AND SERVICES AND CONSOLIDATION OF A LONG-TERM REGIONAL
ENVIRONMENTAL GOVERNANCE FRAMEWORK
(UNDP/GEF YSLME Phase II Project)**

UNDP/GEF/YS/ICC.4/3/1
English only

**4th Meeting of the Interim Commission Council (ICC-4)
of the UNDP/GEF YSLME Phase II Project**

*Jeju, RO Korea
28-29 November 2019*

YSLME II Project Progress Report

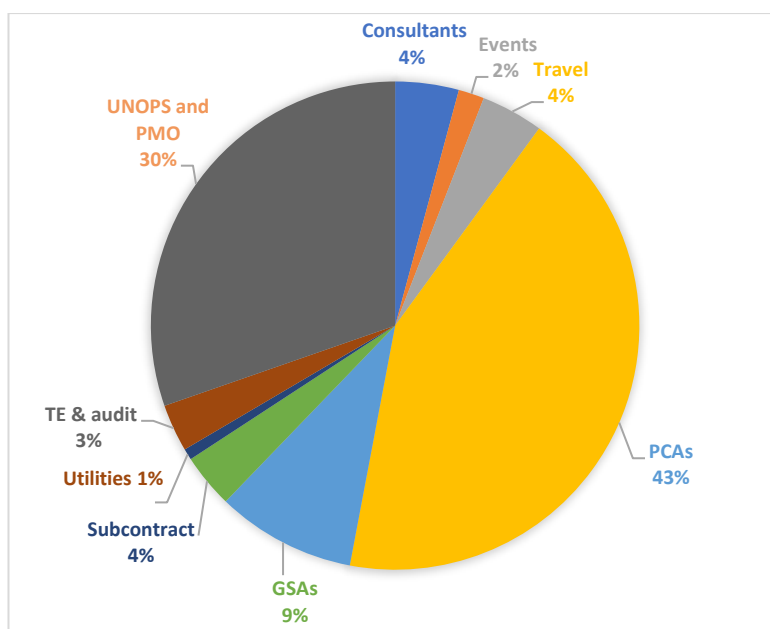
Introduction

1. This report, prepared by the Secretariat, has summarized the progress of the project in terms of delivery of resources, submission of reports, organization of training courses, study visits as of October 31, 2019.

Summary of report

2. In the UNDP/GEF YSLME Phase II Project, the GEF through UNDP has committed a total of US\$7,562,430 to achieve the development objectives of the Project, i.e. adaptive ecosystem-based management of the Yellow Sea Large Marine Ecosystem bordered by China, RO Korea and DPR Korea by fostering long-term sustainable institutional, policy and financial arrangements for effective ecosystem-based management of the Yellow Sea in accordance with the YSLME Strategic Action Programme (YSLME SAP) adopted by China and RO Korea in 2009.
3. Up to September 30, 2019, the Project has spent US\$4,507,860, accounting for around 60 percent of total budget, with a balance of US\$3,055,143 to deliver in the 4th quarter of 2019 (US\$1,663,729) and up to September 30, 2020 (US\$1,391,415). Annual expenditure from 2014 to 2018, expenditure in 2019 up to September 30 and budget for the 4th quarter of 2019 and 2020 by component is provided in **Annex I**.
4. Of the balance of US\$3,055,143 programmed in the 4th quarter of 2019 and 2020, 56 per cent goes to Project Cooperation Agreements, Grant Support Agreements and subcontracts, followed by UNOPS corporate fees and support services, PMO staff and interns (30%), events and travels (6%), consultants for TDA/SAP and communication (4%), terminal evaluation and audit (3%) and internet and office utilities (1%). Please refer to the pie chart below for details of budget categories and percentage of total budget.
5. Status of implementation of PCAs, GSAs and Subcontracts as of November 11, 2019 is attached as **Annex II**. Of the 114 deliverables to be submitted within duration of the contracts and agreements by the 4 PCAs, 7 GSAs and the 4 subcontracts, 66 deliverables were submitted, representing 64 percent of the total contract amount. Deliverables and submission status of each deliverable of PCAs, GSAs and subcontracts can be found in **Annex III**.
6. The project has hired a total of 15 consultants to deliver 22 reports. Name of consultants, deliverables, and status of submission can be found in **Annex IV**. The four pending reports include the updated TDA, updated SAP, consolidated YSLME Biodiversity Conservation Plan (2020-2030), and mapping of YSLME pollutants.

Budget composition of Q4 2019 and 2020



7. From project inception in July 2017 up until November 29, 2019, the Project has supported **4** MSTP/ICC meetings and **11** meetings of the RWGs (**Annex V**). In addition, the Project has supported **25** conference, symposia, workshops, seminars, trainings and study visits in collaboration with **28** partners to promote the sharing of the scientific knowledge and technical cooperation on the Yellow Sea, and transfer knowledge in application of good ocean governance (1), IMTA (4), fish stock assessment (1), marine ranching (5), MPA networking (3) and marine microplastics monitoring (1) for coastal managers, mariculturists, displaced fishermen joining the fishing vessel buyback schemes to reduce fishing efforts, MPA managers, and researchers (**Annex VI**). These events attracted participation of over one thousand people.
8. In 2020, four more meetings are planned: 1) YSLME MPA networking (January, China); 2) Regional meeting to update the YSLME SAP (April, venue: TBD); 3) regional consultation on governance mechanism (2020, Venue: TBD); and 4) ICC-5 (July, venue: TBD).
9. The Project regularly maintains its partnership with ocean-related programs and initiatives to enhance collaborative planning, knowledge sharing and coordination of efforts for bigger impact of mutual undertakings. In light of these, PMO staff, Chairs and members of RWGs, experts and officials from the two countries participated or were facilitated to participate, through project funding, self-funding or cost sharing by collaborating partners in a total of 22 activities (**Annex VII**). These engagements have helped raise the visibility of YSLME and UNDP/GEF in the application of ecosystem-based management of LMEs and contribution to SDG14.

Recommendation

10. The Secretariat recommends that:
 - a. the 4th Meeting of the ICC:
 - i. adopt the project progress report;
 - ii. request the Secretariat to make utmost efforts in tracking submission of remaining deliverables by PCAs, GSAs, subcontractors and consultants to ensure full delivery within extended duration of the contracts and agreements and apply strict quality assurance of deliverables.
 - iii. request the Secretariat to update partners in particular the two countries on a bi-monthly basis of the status of implementation of ongoing activities.

Annex I: YSLME Phase II Project Expenditure and Balance for 2019 and 2020 (US dollars)

Component/ Atlas Activity	2014 expenditure	2015 expenditure	2016 expenditure	2017 expenditure	2018 expenditure	2019 expenditure as of 30/09	2019 Quarter 4 budget	2020 budget	Total Revised Budget
Component 1	-	202,534	75,441	31,983	604,607	582,028	142,294	336,734	1,975,621
Component 2	-	1,590	4	381,135	335,411	174,701	338,661	121,319	1,352,820
Component 3	-	1,469	10,382	550	253,592	361,029	417,957	149,345	1,194,324
Component 4	-	5,072	4	100,387	486,136	594,931	764,816	784,017	2,735,362
Project Management	33,392	8,620	83,605	89,854	88,831	-	-	-	304,302
Total	33,392	219,284	169,436	603,909	1,768,576	1,712,689	1,663,729	1,391,415	7,562,430

Annex II

Status of Implementation of PCAs, GSAs and Subcontracts (as of October 30, 2019)

Extension	Name of the Implementing Partner	Total Deliverables Agreed	No. of Deliverables Submitted	No. of Deliverables Pending	No. of Deliverables Submitted Late	Amount Committed	Amount Paid	% Paid	% Verified & in-review	% Remaining
Y	GSA_GEI	3	2	1	2	\$ 100,000.00	\$ 80,000.00	80%	0%	20%
	GSA_BROCA	4	2	2	2	\$ 46,949.34	\$ 41,408.00	88%	0%	12%
	GSA_CAPPMA	7	2	5	2	\$ 94,288.97	\$ -	0%	50%	50%
	GSA_CAFS	5	1	4	1	\$ 71,438.57	\$ 42,863.14	60%	0%	40%
	GSA_IGSNRR	10	10	0	5	\$ 80,000.00	\$ 16,000.00	20%	80%	0%
	GSA_ShanghaiRendu	2	0	2	0	\$ 46,312.00	\$ 9,260.00	20%	0%	80%
	GSA_ChinaBio-Div	4	0	4	0	\$ 39,778.00	\$ 7,955.00	20%	0%	80%
Y	PCA_YSFRI	19	12	7	9	\$ 670,290.00	\$ 264,473.00	39%	33%	27%
Y	PCA_FIO	23	19	4	6	\$ 747,000.00	\$ 131,400.00	18%	53%	30%
	PCA_NMEMC	15	9	6	9	\$ 407,500.00	\$ 240,000.00	59%	0%	41%
Y	PCA_NCSEMC	5	1	4	0	\$ 300,000.00	\$ 60,000.00	20%	0%	80%
	Sub-Cont_ShandongMarine	4	3	1	1	\$ 48,000.00	\$ 28,800.00	60%	0%	40%
	Sub-Cont_Nanjing	3	2	1	0	\$ 42,714.20	\$ 8,694.00	20%	60%	20%
Y	Sub-Cont_CGTae	3	2	1	0	\$ 46,150.00	\$ 41,535.50	90%	0%	10%
	Sub-Cont_BBMovie	7	2	5	0	\$ 152,178.54	\$ 122,688.30	81%	0%	19%
	Total	114	67	47	37	\$2,892,599.62	\$1,095,076.94	38%	26%	36%
			59%	41%	55%			64%		36%

Annex III

Summary of Delivery Status - PCAs, GSAs and Subcontracts

Implementing Partner	Deliverable #	Output/ Deliverable	Due Date	Deliverable Pending?	Submitted on time?
GSA_GEI	0	Inception report with workplan	Upon sign.		
GSA_GEI	1	Training plan on CCCA and community co-management in protection of seabirds and coastal wetlands for two communities in China and two communities in RO korea	1-Jun-19	N	Y
GSA_GEI	2	The baseline report of socioeconomics, intertidal wetlands and co-management capacity assessment of the pilot site and the implementation plan of the community co-management		N	Y
GSA_GEI	3	CCCA implementation report including operation report of the community fund and lessons learnt, community training summary and achievements	1-Nov-19	Y	N
	3	Sub Total		1	2
GSA_BROCA	0	Inception report with workplan	Upon sign.		
GSA_BROCA	1	Report of progress of visit to Korea in exchange of experiences in waste reduction for learning and application in project site	24-Jun-19	N	Y
GSA_BROCA		reports of seminars on cooperative management of community fishery, impact of marine garbage		N	Y
GSA_BROCA		MOU with garbage recycling company		Y	N
GSA_BROCA	2	Final report on waste reduction and plastic waste management in Jingzi village focusing on art product from marine debris, waste reduction in weight through the purchase and operation of two sets of environmental protection facilities, training and communication and use of app for dynamic monitoring of garbage reduction, and benefits of partnership with recycling companies and cooperation with Korean partners	1-Nov-19	Y	N
	4	Sub Total		2	2
GSA_CAPPMA	0	Inception report with workplan	Upon sign.		
GSA_CAPPMA	1	IMTA best practice model	30-Jun-19	N	Y
GSA_CAPPMA		Three ASC standards brochures (abalone, bivalves and shrimp), both in Chinese, Korean and English		N	Y

GSA_CAPPMA		Training report of two five-day study tours to Dandong, Weihai, Lianyuagang and Natong for managers from 20 major mariculture enterprises in China, 3 mariculture enterprises in ROK, 10 mariculture technical experts, 10 number of NGO leaders, 2-3 environmental journalists and 2-3 major seafood retailers-on ASC responsible aquaculture and integrated multi-trophic aquaculture (IMTA) best practices		Y	N
GSA_CAPPMA	2	3-day training workshop report in Qingdao for managers from 20 major mariculture enterprises in China, 3 mariculture enterprises in ROK, 10 mariculture technical experts, 10 number of NGO leaders, 2-3 major seafood retailers- on ASC responsible aquaculture standards and integrated multi-trophic aquaculture (IMTA) best practices	1-Nov-19	Y	N
GSA_CAPPMA		A voluntary enterprise alliance bylaw committing to environmentally and socially responsible mariculture in the Yellow Sea is established under CAPPMA with signature of at least 10 members.		Y	N
GSA_CAPPMA		sustainable seafood forum report		Y	N
GSA_CAPPMA		An agreement from 1 of 3 leading retailers to purchase seafood from mariculture enterprises alliance complying with ASC standards or carrying out IMTA best practices model		Y	N
7		Sub Total		5	2

GSA_CAFS	0	Inception report with workplan	Upon sign.		
GSA_CAFS	1	Draft management regulations of performance assessment on aquatic genetic resource reserves	28-Jun-19	N	Y
GSA_CAFS	2	revised management regulations of performance assessment on aquatic genetic resource reserves	1-Nov-19	Y	N
GSA_CAFS		revised index system of management performance assessment on aquatic genetic resource reserves		Y	N
GSA_CAFS		training summary report of national aquatic genetic resource reserves performance assessment and index system		Y	N
GSA_CAFS		assessment report on enhanced ability for the demonstration NAGR in BSYS		Y	N
5		Sub Total		4	1

GSA_IGSNRR	0	Inception report with workplan	Upon sign.		
GSA_IGSNRR	1	Fishermen training report	24-Jun-19	N	Y
GSA_IGSNRR		Waterbird habitat quality report on Important Bird Areas (IBAs) in YSLME and along waterbird flyway		N	Y
GSA_IGSNRR		mapping of flyways and sites of the 4 identified endangered species		N	Y
GSA_IGSNRR		10 reports about the conservation actions on influential media		N	Y

GSA_IGSNRR		Wechat public account of YSLME		N	Y
GSA_IGSNRR		NGO training report		Y	N
GSA_IGSNRR		Databases on waterbirds and their habitats in Hangu Coastal Wetlands		Y	N
GSA_IGSNRR	2	Smart phone-based APP client on waterbird recognition in Hangu Coastal Wetlands	20-Sep-19	Y	N
GSA_IGSNRR		Databases on waterbirds and their habitats in Hangu Coastal Wetlands		Y	N
GSA_IGSNRR		A report on the Win-win Solution of Sustainable Fisheries and Waterbird Conservation in Fish ponds		Y	N
	10	Sub Total		5	5

GSA_ShanghaiRendu	0	Inception report with workplan	Upon sign.		
GSA_ShanghaiRendu	1	OSEAN training report on fishery and aquaculture marine debris survey	1-Nov-19	Y	N
GSA_ShanghaiRendu		Fishery and Aquaculture Marine Debris Survey report		Y	N
	2	Sub Total		2	0

GSA_ChinaBio-Div	0	Inception report with workplan	Upon sign		
GSA_ChinaBio-Div		Report on the registration and operation of social media platforms for spotted seals protection in Wechat, Weibo, and Tiktok (Douyin)		Y	N
GSA_ChinaBio-Div	1	Publication of 3,000 copies of spotted seal book "The Spotted Seals on the Broken Ice" for use in outreach and education purposes	20-Dec-19	Y	N
GSA_ChinaBio-Div		Procurement of 5,000 spotted seal plush dolls for distribution at outreach and education activities		Y	N
GSA_ChinaBio-Div		Report of 4 CCAfas on Spotted Seal Science activity, photos, news articles, etc.		Y	N
	4	Sub Total		4	0

PCA_YSFRI	0	N/A	Upon sign.		
PCA_YSFRI	1	Baseline reports of two demonstration sites on artificial reef, seaweed transplantation (habitat enhancement) and marine ranching	31-Dec-18	N	Y
PCA_YSFRI	2	Scoping study report and key elements of GAP of IMTA	31-Dec-18	N	Y
PCA_YSFRI	3	Baseline reports of three IMTA demonstration sites	31-Dec-18	N	Y
PCA_YSFRI	4	Interim review report on progress of implementation of NSAP targets related with fish stocks and mariculture	31-Dec-18	N	Y
PCA_YSFRI	5	Draft regional guidelines for incorporating Code of Conduct for Responsible Fisheries in YSLME context	31-Dec-18	Y	N

PCA_YSFRI	6	Draft national standards and management measures to comply with regional guidelines of Code of Conduct for Responsible Fisheries	31-Mar-19	N	Y
PCA_YSFRI	7	Assessment report of effectiveness of license system and recommendations for improvement of licensing system	31-Dec-18	N	Y
PCA_YSFRI	8	Draft seagrass transplanting report in application of improved techniques of replanting seagrass and macroalgae	31-Dec-18	N	Y
PCA_YSFRI	9	Report of stock enhancement of two demonstration sites	31-Dec-18	N	N
PCA_YSFRI	10	Joint assessment report of the effectiveness of closure	30-Jun-19	N	N
PCA_YSFRI	11	Joint assessment report of the effectiveness of buy-back scheme	30-Jun-19	Y	N
PCA_YSFRI	12	Final draft of GAP of IMTA	31-Aug-19	N	N
PCA_YSFRI	13	Survey report of coastal areas suitable for operation of IMTA, and economic analysis of benefits from replication of IMTA across Shandong Province, PR China	31-Dec-18	N	Y
PCA_YSFRI	14	Plan to promote IMTA in Shandong Province	31-Dec-18	N	N
PCA_YSFRI	15	Technical report of IMTA demonstration in two sites	1-Nov-19	N	Y
PCA_YSFRI	16	Survey report with overlays to analyze gaps and conservation needs of critical nursery and spawning sites of priority fish species and make recommendations on new MPAs	31-Dec-18	Y	N
PCA_YSFRI	*16	Re-employment training implementation plan	10-May-19	N	N
PCA_YSFRI	*17	A detailed training plan of 5 training sessions, including time, place, training content, etc.; and Submit training materials for each course	14-Jun-19	Y	N
PCA_YSFRI	*18	Full re-employment training report	15-Nov-19	Y	N
	19	Sub Total		5	10

PCA_FIO	0	N/A	Upon sign.		
PCA_FIO	1	Interim review report on progress of implementation of NSAP related with SAP targets 8-11	30-Nov-18	N	Y
PCA_FIO	2	Draft report on assessment of the relevance of existing zoning schemes to connectivity of existing MPAs and/or potential MPAs	30-Aug-19	N	Y

PCA_FIO	3	Stocktaking report of biological and ecological significance of YSCWM and existing and potential threats using ecological connectivity as key criteria	30-Aug-19	N	Y
PCA_FIO	4	Stocktaking report for the relationships between the sea surface temperature changes of YSCWM and structure of plankton communities	30-Nov-18	N	N
PCA_FIO	5	Interim report on implementation of CBD and RAMSAR	30-Nov-18	N	Y
PCA_FIO	6	The map of priority areas for designation as conservation areas in YS and identify opportunities for improvements in connectivity with existing and new MPAs	30-Aug-19	N	Y
PCA_FIO	7	Draft reports of assessment of ecosystem services of Rudong Mudflat and another intertidal mudflat or coastal areas subject to reclamation;	30-Aug-19	N	Y
PCA_FIO		A zoning plan including coordination mechanism in line with the master plan of local land use and sea use	30-Aug-19	N	Y
PCA_FIO		Two management plans including monitoring programs and capacity development program	30-Aug-19	N	Y
PCA_FIO	8	Final report on implementation of CBD and RAMSAR with recommendations for integration of SDG14, CBD and RAMSAR targets into YSLME SAP	30-Aug-19	N	Y
PCA_FIO	9	The feasibility report for designating YSCWM a new MPA	30-Aug-19	N	N
PCA_FIO	10	Draft regional strategy for adaptive management	1-Nov-19	Y	N
PCA_FIO	11	Regional assessment report and policy recommendations on ecosystem change	30-Aug-19	N	Y
PCA_FIO	12	Report on vulnerability assessment of sea level rising for coastal communities; Report on impact assessment of sea level rising for wading birds;	30-Aug-19	N	Y
PCA_FIO		Report on impact assessment of sea ice distribution on coastal zone development and marine species	30-Aug-19	N	Y
PCA_FIO		Report on impact assessment of sea level rising for wading birds	30-Aug-19	N	Y
PCA_FIO		Adaptation plans for the target area based on identified climate impacts and their severity	1-Nov-19	N	N

PCA_FIO	13	Report on the migratory route of spotted seals based on satellite tracking in the Yellow Sea; ;	30-Sep-19	Y	N
PCA_FIO		Report on the assessment of genetic diversity, population structure and effective population size based on environmental DNA of spotted seals in the Yellow Sea	30-Sep-19	Y	N
PCA_FIO		YSLME Spotted Seal Management Plan.	1-Nov-19	N	N
PCA_FIO	14	Draft report on distribution of benthic populations of Sargassum horneri along the coasts of Shandong and Jiangsu provinces, and seasonal variations of drifting S. horneri in western Yellow sea;	30-Aug-19	N	Y
PCA_FIO		Progress report on genetic diversity of both benthic and floating populations of Sargassum horneri in western Yellow Sea	30-Aug-19	N	N
PCA_FIO		Final report on seasonality and inter-annual variability of the floating Sargassum horneri in western Yellow Sea and the environmental drivers for the increasing blooms in recent years.	1-Nov-19	Y	N
	23	Sub Total		3	8

PCA_NMEMC	0	N/A	Upon sign.		
PCA_NMEMC	1	Method of calculation of nutrients loading in the hot spot using watershed model.	30-Sep-18	N	Y
PCA_NMEMC	2	Methods for assessing 1) deposition flux of nitrogen and phosphate in various forms from atmosphere-based source; 2) sea-based mariculture pollution and ship-based pollution in coastal areas of Yellow Sea.		N	Y
PCA_NMEMC	3	Interim review report on progress of implementation of NSAP targets related with marine pollution reduction.		N	Y
PCA_NMEMC	4	Interim regional baseline survey report of marine litter.		N	Y
PCA_NMEMC	5	Final report of regional baseline survey of marine litter.		N	Y
PCA_NMEMC	6	Updated of objectives and actions of NSAP for 2018-2020 in relation to pollution reduction.		N	Y

PCA_NMEMC	7	Interim report of nutrient loading in the hot spot.	31-Jan-19	N	Y
PCA_NMEMC	8	Interim assessment reports of 1) nutrients from atmosphere-based source; 2) fertilizer use; and 3) sea-based mariculture and ship-based pollution in coastal areas of Yellow Sea.		N	Y
PCA_NMEMC	9	Interim proposal for designating new MPAs for endangered mammals or waterbirds.		N	Y
PCA_NMEMC	10	Review report of policies and regulations regarding solid waste disposal as well as technologies for reducing production including recycling opportunities in PR China.	16-Nov-19	Y	N
PCA_NMEMC	11	Final report of nutrient loading in the hot spot.		Y	N
PCA_NMEMC	12	Final assessment reports of 1) nutrients from atmosphere-based source; 2) fertilizer use; and 3) sea-based mariculture pollution and ship-based pollution in coastal areas of Yellow Sea.		Y	N
PCA_NMEMC	13	Final proposals for designating or enlarging new MPAs for endangered mammals or for habitats of endangered waterbirds.		Y	N
PCA_NMEMC	14	Program of YSLME jellyfish monitoring network.		Y	N
PCA_NMEMC	15	Final program for strengthening the YSLME HAB and drifting macroalgae monitoring network.		Y	N
	15	Sub Total		6	9

PCA_NCSEMC	0	N/A	Upon sign.		
PCA_NCSEMC	1	Interim review report on implementation of the project on Demonstration zone of Integrated Ecosystem-based Investigation on Wetland of Jiaozhou Bay of Qingdao	20-Jun-19	N	N
PCA_NCSEMC	2	Final report on the status of the wetland ecosystem of Jiaozhou Bay		Y	N
PCA_NCSEMC	3	Atlas of the integrated investigation on wetland of Jiaozhou bay		Y	N
PCA_NCSEMC	4	Suggestion and countermeasures for the protection of the ecosystem of Jiaozhou Bay		Y	N

PCA_NCSEMC	5	Establishment of the integrated ecosystem-based monitoring system of Jiaozhou Bay: discussion on the mode of public participation	1-Nov-19	Y	N
	5	Sub Total		4	0

Sub-Cont_ShandongM	0	Methodology	Upon sign.	N	
Sub-Cont_ShandongM	1	Status and trends of marine litter in Weihai city (4 copies in Chinese and 4 copies in English)	20-Jun-18	N	Y
Sub-Cont_ShandongM	2	Gaps in regulatory and policy measures in the management of marine litter and microplastics, in Chinese and English	30-Apr-19	N	N
Sub-Cont_ShandongM	3	Proposals for regulatory and financial policies to incentivise investment by private sector in monitoring, reduce, recycling and reuse of marine litter and microplastics	30-Apr-19	Y	N
	4	Sub Total		1	1

Sub-Cont_Nanjing	1	Detailed research methodologies and workplan to conduct baseline assessment	Upon sign.	N	
Sub-Cont_Nanjing	2	Baseline report for governance and socio-economic assessment	10-Dec-18	N	N
Sub-Cont_Nanjing	2	Assessment report of sample households one year after joining the fishing boat buy-back schem and implementation of the demonstration sites	30-Sep-19	Y	N
	3	Sub Total		1	0

Sub-Cont_CGTae	1	Design, functionalities of the website and detailed workplan within two weeks of signing of the contract	Upon sign.	N	
Sub-Cont_CGTae	2	Official launch of the project website	30-Nov-18	N	N
Sub-Cont_CGTae	3	Upon completion of the maintenance services	30-Nov-19	Y	N
	3	Sub Total		1	0

Sub-Cont_BBMovie	0	N/A	Upon sign.		
Sub-Cont_BBMovie	1	Video 3: Awareness of raising of IMTA	1-Oct-19	N	N
Sub-Cont_BBMovie	2	Video 7: Intertidal mudflats for spoon-billed sandpiper	1-Oct-19	N	N
Sub-Cont_BBMovie	3	Video 1: Partnership	31-Dec-19	Y	N
Sub-Cont_BBMovie	4	Video 2: Recovery of Fish Stock	31-Dec-19	Y	N
Sub-Cont_BBMovie	5	Video 4: Marine litter	31-Dec-19	Y	N
Sub-Cont_BBMovie	6	Video 5: Ocean Governance	31-Dec-19	Y	N
Sub-Cont_BBMovie	7	Video 6: MPA and MPA Network	31-Dec-19	Y	N
	7	Sub Total		5	0

List of reports of individual consultants

Supplier Type	Supplier Name	Deliverables	type	Status	Expected/ Delivery Date
Individual Consultant	Chaolun LI	valuation methodologies, standards and guidelines for evaluation of the effectiveness and impact of ecosystem-based restoration projects	Report / Proposal	Delivered	1-Aug-19
Individual Consultant	Paul Gremillion	consolidated TDA update and SAP update	Report/ Proposal	In Progress	15 December 2019; May 2020
Individual Consultant	Chris HEDLEY	Basic and related documents establishing the YSLME Commission	Report / Proposal	Delivered	29-Oct-18
Individual Consultant	Elisabeth Carrio	Report on YSLME Trust Fund	Report / Proposal	Delivered	
Individual Consultant	Guoxiang LIAO	Synthesis report on the use wetlands as nutrient sink in YSLME areas including four case studies on typical projects to maximize the regulating services of wetlands, and proposal of strategy containing recommendations for using wetlands as nutrient sinks;	Report / Proposal	Delivered	30-Jun-18
Individual Consultant	Ming YU	The Assessment Report on China's Legal Framework in Compliance with the International and Regional Legal Instruments for the Implementation of SAP in the YSLME Project II	Report / Proposal	Delivered	30-Apr-18
		The Assessment Report of China's National and Local Capacity for Implementation of International Legal Documents in the YSLME Project II	Report / Proposal	Delivered	20-Jun-18
		Improving SAP to synergize the implementation of international conventions on marine protection and sustainable uses of marine resources	Report / Proposal	Delivered	1-Jul-19
Individual Consultant	Rocio LOZANO-KNOWLTON	YSLME MPA Network Concept Paper	Report / Proposal	Delivered	12/10/2017
		MPA connectivity training program and modules	Report / Proposal	Delivered	30-Jun-18
Individual Consultant	Ruijun SUN	1. The inventory of domestic laws/regulations/policies dealing with pollution control in PR China and RO Korea 2. The inventory of international/regional environment agreements/programmes effective both for China and ROK with respect to pollution control 3. The analysis report concerning inconsistencies and gaps of domestic laws/regulations/policies dealing with pollution control in China and compliance assessment with relevant environment agreements/programmes, together with recommendations on legal and regulatory reforms	Report / Proposal	Delivered	1. 30-Mar-2018 2. 01-May-2018 3. 31-Dec-2018 (In accordance with TOR) Actual delivery: October 20, 2019

Individual Consultant	Suh-Yong CHUNG	Roadmap towards a sustainable regional environmental cooperation framework	Report / Proposal	Delivered	5-Mar-17
Individual Consultant	Won Tae SHIN	A draft framework plan for YSLME biodiversity conservation (2018-2030) in RO Korea and DPR Korea	Report / Proposal	Delivered	22-Sep-18
Individual Consultant	Yu LIU	Coastal Reclamation and Impact to Critical Coastal Habitats of Yellow Sea Large Marine Ecosystem	Report / Proposal	Delivered	1-Dec-18
Individual Consultant	Zhaohui ZHANG	Technical Proposal to establish Xiaoyangkou of Rudong, Jiangsu Province of PR China, as a National Marine Protected Area	Report / Proposal	Delivered	31-Oct-17
		draft framework plan for YSLME biodiversity conservation (2018-2030) in PR China in collaboration with the planning expert in RO Korea;	Report / Proposal	Delivered	1-Nov-19
		The consolidated YSLME Biodiversity Conservation Plan (2018-2030);	Report / Proposal	In Progress	25-Nov-19
Individual Consultant	Zhen Wang	Draft proposal of regional pollution monitoring program	Report / Proposal	Delivered	1-Sep-19
		Pollution maps of anthropogenic pollutants including nutrients, POPs and heavy metals in environmental media along the YS	Report / Proposal	In Progress	14-Oct-19
Individual Consultant	Jianguang FANG	Training Module of IMTA in PR China	Training Material	Delivered	1-Jun-18
Individual Consultant	Jihong Zhang	Framework and indicators of IMTA good aquaculture practices based on the FAO Ecosystem Approach to Aquaculture and standards of seaweeds developed by ASG and MSC	Report / Proposal	Delivered	1-Nov-18

Annex V
ICC & RWG Meeting (to be) organized by YSLME II Project (2017-2020)

Year	Dates	Events	Partners	Attended by	No. of Participants		
					Male	Female	Total
2017	13-Jul	MSTP/ICC-1	MOFA and MOF, RO Korea	UNDP, UNOPS, PMO, Government representatives of ROK and PR China, RWG Chairs, International organizations, etc.	30	18	48
	4-5 Sep	RWG-H Meeting in Incheon, ROK	PMO, FIO/SOA of PRC, Anyang University, KOEM, and Korea Institute of Environment Ecology of ROK	PMO staffs, RWG-H members and Experts	8	5	13
	10-12 Oct	RWG-P Meeting in Dalian, PRC	PMO, NCSEMC of PRC, KIOST of ROK	PMO staffs, RWG-P members and Experts	15	4	19
	17-18 Oct	RWG-F Meeting in Yantai, PRC	PMO, NMEMC and FIO of PRC, KIOST, NIFS, KMI, and KOEM of ROK	PMO staffs, RWG-F members and Experts	14	7	21
	26-27 Oct	RWG-M Meeting in Weihai, PRC	PMO, Bureau of Fishery Management, Ministry of Agriculture of PRC, and KOEM of ROK	PMO staffs, RWG-M members and Experts	10	4	14
	21-22 Nov	RWG-A in Incheon ROC	PMO, YSFRI/CAFS of PRC, KIOST, NIFS/MOF of ROK	PMO staffs, RWG-A members and Experts	11	3	14
	14-15 Dec	RWG-G Meeting in Seoul, ROK	PMO, Korean and Chinese Government	PMO staffs, RWG-G members and Experts	9	9	18
2018	27-29 March	MSTP/ICC-2 in Dalian PRC	PMO, MNR of PR China	UNDP, UNOPS, PMO, Government representatives of ROK and PR China, RWG Chairs, International organizations, etc.	26	17	43
	27-Jun	RWG-A in Kunming PRC	PMO, NMEMC and FIO of PRC, KIOST, NIFS and KOEM of ROK	PMO staffs, RWG-A members and Experts	18	7	25
	11-Oct	RWG-F Meeting in Jeju, ROK	PMO and NIFS	PMO staffs, RWG-F members and Experts	18	6	24

	8-9 Nov	RWG-M Meeting in Jeju, ROK	PMO, Bureau of Fishery Management, Ministry of Agriculture of PRC, and KOEM of ROK	PMO staffs, RWG-M members and Experts	15	7	22
2019	12-14 March	MSTP/ICC-3 in Qingdao PRC	PMO, MNR and FIO of PR China	UNDP, UNOPS, PMO, Government representatives of ROK and PR China, RWG Chairs, International organizations, etc.	29	29	58
	6-9 May	RWG-F Meeting in Haiyang and Qingdao City, PR China	PMO, NMEMC and FIO of PRC, KIOST, NIFS, KMI, and KOEM of ROK	PMO staffs, RWG-F members and Experts	23	17	40
	4-5 Jun	RWG-P Meeting in Busan, ROK	PMO, NMEMC of PRC, KOEM and KIOST of ROK	PMO staffs, RWG-P members and Experts	15	5	20
	15-16 July	1st Ad-hoc ICC Meeting	FIO/PRC, MNR/PRC, PMO	UNDP, UNOPS, PMO, Government representatives of ROK and PR China, RWG Chairs, International organizations, NGOs, etc.	16	10	26
	28-29 Dec	ICC-4	MOFA and MOF, RO Korea	UNDP, UNOPS, PMO, Government representatives of ROK and PR China, RWG Chairs, International organizations, NGOs, etc.	22	15	37
TOTAL		16			279	163	442
Gender representation				% of Participants (Male/Female)	63%	37%	

Annex VI

Training courses, workshops, study visit (to be) organized by YSLME II Project (2017-2020)

Year	Dates	Events	Partners	Attended by	No. of Participants		
					Male	Female	Total
2017	14-Jul	International Seminar on MPAs in YSLME	NEAMPAN/UNESCAP and KOEM, Ganghwa County of RO Korea	Governmental officers of ROK, delegates from UNDP, UNESCAP, UNOPS, experts from academia and NGOs	58	12	70
	14-15 Sept	International Symposium on IMTA	NIFS/MOF of RO Korea	international experts on IMTA, mariculture practionners, industry representatives, academia, etc	27	9	36
2018	1-2 Dec	Integrated Multitrophic Aquaculture (IMTA) for Responsible Farming Waters by Taking Advantage of Ecosystem Services - Bangkok	Asian Institute of Technology (AIT)	aquaculture practionners in Asia and the Pacific	17	8	25
	17-18 Sep	Physiological Energy Measurement Technique of Bivalves	PMO and YSFRI/PRC	university faculty, students, IMTA operators, etc	89	30	119
	30-31 Jul	Fish Stock Assessment Workshop	NIFS	NMEMC, NIFS, KOEM, etc	14	6	20
	23-27 Jul	1st Regional workshop on designing a network of MPAs for the YSLME based on biophysical connectivity	KOEM and MABIK of RO Korea	Experts from research institutes including FIO of PRC, NIFS and KIOST of ROK; academias from three countries including USA, PRC, and ROK; NGOs of both PRC and ROK; international NGO, EAAFP	17	12	29
	25-26 Jun	1st China-Korea Workshop on Harmful Marine Organisms in Yellow Sea	SOA, IOCAS, NMEMC of PRC and MOF, KOEM of ROK	Experts on jellyfish, HAB and Sargassum sp. from both countries	24	8	32
	20-May	YSLME training on IMTA		Mariculture operators in Rongcheng City of Shandong Province	24	4	28
	17-18 Nov	Seminar on the Law and Policy to Promote Regional Ocean Governance	Marine Development Studies Institute of Ocean University of China, Center for Global Climate and Marine Governance of Korea University, KOEM of ROK and NMEMC of PRC	Experts from both countries including Shandong Province of PRC	34	15	49

2019	6-9 May	Study visit to Marine Ranching site in China	Yantai University and YSFRI of PRC, KIOST, FIRA and KOEM of ROK	RWG-F members and Experts from ROK, and PRC	11	3	26
	10-May	Ad hoc RWG-A expert meeting on assessed progress of joint jellyfish and HAB monitoring programs in YSLME	NMEMC and FIO of PRC, KIOST, NIFS and KOEM of ROK	RWG-A members and Experts on Jellyfish, HAB	11	3	14
	18-19 May	Training on monitoring of marine litter from fishery and aquaculture in PR China	RENDU of PRC, and OSEAN of ROK	Experts and staffs from RENDU and OSEAN of ROK	7	5	12
	3-6 Jun	China-Korea Exchange Visit Program, And the Second Meeting of RWG-P	NMEMC of PRC, KIOST, NIFS and KOEM of ROK	RWG-P members and Experts on pollution	20	5	25
	10-11 Jun	China-Korea workshop on Yellow Sea Cold Water Mass (YSCWM) in the Yellow Sea	FIO of PRC; KIOST and KOEM of ROK	FIO of PRC; KOEM, KIOST, NIFS of ROK	16	3	19
	17-18 Jun	2nd China-Korea Workshop on Harmful Marine Organisms in YS	MOF and KOEM of ROK; NMEMC of PRC	Experts and officers from MOF of ROK and 10 academic institutes in both PRC and ROK	31	9	40
	21-Jun	Meeting on Conservation Actions of Endangered Waterbirds and Their Habitats in the Yellow Sea Ecosystem	Institute of Geographical Sciences and Natural Resources Research (IGSNRR), Chinese Academy of Sciences of PRC and US eBird database project	Researchers from IGSNRR and 5 NGOs and experts from National Forestry and Pairie Bureau GEF Project, Paulson Institute, Heibei Agricultural Univeristy, Institute of Software; CAS, and Harbin Institue of Technology of PRC	9	12	21
	22-Jun	Fishermen training by Institute of Geographical Sciences and Natural Resources Research, Chinses Academy of Sciences of PRC	IGSNRR of PRC	Experts from IGSNRR and fishermen from QingkouRiver Estuary community	14	2	16
	15-19 Jul	3 rd YSLME Science Conference	PRC: MARA, MNR, FIO, NMEMC, YSFRI; ROK: KOEM, KIOST, Anyang University, NIFS; International organizations: IUCN, NOWPAP of UNEP, EAAFP etc.	Delegates of UNDP, experts and officers from 50 institutes of 13 countries including PRC, ROK and PRC	72	28	100

	27-Jul	Reducing Marine Litter in the Coastal Cities of the YS	BROCA of PRC	Members from BROCA, Public participants	15	6	21
	9-10 Oct	Community training in PR China by GEI	GEI of PRC	Villagers from Dadingzi Village, Shanjiaying Village, Dandong Donggang City	11	4	15
	14-18 Oct	Study visit to Marine Ranching site in RO Korea	YSFRI, Yantai Univeristy, Fuhan Ocean Science and Technology Co. Ltd of PRC and KOEM, FIRA, and NIFS of ROK	RWG-F members and Experts from ROK and PRC	14	7	21
	27-29 Oct	Lab Visit of Korean Experts to China	NMEMC, FIO, NCSB, China-Korea Joing Marine Cooperation Center (CKJMCC)		18	13	31
	30-Oct	YSLME Responsible Mariculture Initiative in Qingdao	China Aquatic Products Processing and Marketing Alliance and Qingdao Marine Conservation Soicety of PRC	Members from CAPPMA and QMCS, Members from Hema, Pencheng Group and other enterprises	35	17	52
	Dec	3 Training of 150 displaced fishermen on alternate employment	Yantai University	fishermen joining the fishing vessel buy-back scheme	151	9	160
2020	Jan	YSLME MPA Networking for site managers	KOEM, FIO, NMEMC, YSFRI, WWF, CAS, etc	Site Managers, YSFYI, FIO, NMEMC,			
TOTAL		25	28		739	230	981
Gender representation				% of Participants (Male/Female)	75%	23%	

Annex VII
Event/Meetings facilitated and attended by YSLME

Year	Dates	KM Activity	Participants	Source of Funding	Objective
2017	25-26 Apr	Asian LME Symposium, Bogor, Indonesia	Prof. Qisheng TANG	YSLME	sharing of ecosystem approach application in YSLME across LMEs organized by LME:Learn of IOC/UNESCO
	16-17 July	Visit of Shandong Ocean and Fisheries Delegation to SEAFDEC of UNEP Refugia Project, Bangkok, Thailand	IMCC member Mr. Qingchun JJIANG and five others	Self-funded	Exchange information between two orgs for possible cooperation
	25-26 July	9th Partnership Council Meeting of PEMSEA, Manila, Philippines	Yinfeng GUO	YSLME	Discussed collaboration with PEMSEA in particular, EAS Congress and joint reporting to GEF
	3-4 Nov	training in IMTA to ASEAN countries as a parallel event of Xiamen World Ocean Week (XWOW)	Jianguang Fang	XWOW and YSLME	Lectured IMTA approaches in sustainable mariculture organized by XWOW
	14-16 Nov	Blue Economy Forum, Bangkok, Thailand	Yinfeng GUO	YSLME	Introduced YSLME Project and IMTA entitled "Sustaining fisheries and mariculture for development of blue economies in YSLME"
	27-Nov - 1 Dec	Regional Ocean Governance Meeting, Cape Town, S-Africa	Yinfeng GUO	YSLME	annual learning and sharing of YSLME approaches to EBM at the forum and in MOOC of LME/GEF
	19-21 Dec	22nd Intergovernmental Meeting, Toyama, Japan	Yinfeng GUO	YSLME	Sharing of YSLME work on biodiversity and exploring partner coordination and collaboration
2018	30 Apr - 2 May	3rd targeted regional workshop for GEF IW Project in East Europe and Asia-Pacific, Bangkok, Thailand	Sangjin LEE	YSLME	cross-LME learning and sharing with partners in Asia and the Pacific
	10-11 May	16th NOWPAP CEARAC Focal Points Meeting, Toyama, Japan	Sangjin LEE	YSLME	Presented collaboration areas especially biodiversity conservation plan in line with SGD14
	9-Jul	1st working group meeting for the conservation of the yellow/west sea intertidal and associated coastal wetlands (organized by IUCN)	Sangjin LEE	YSLME	Introduced YSLME Project relevant to intertidal ecosystems and coastal wetlands
	4-5 July	The Fifteenth NOWPAP POMRAC Focal Points Meeting	Jaeryoung OH	POMRAC of NOWPAP	Participated on behalf of YSLME and introduced YSLME Project
	9-11 Oct	23rd Intergovernmental Meeting, Moscow, Russia	Sangjin LEE	YSLME	Participated as a partner organization and presented cooperation areas to be enhanced between two orgs.
	25-26 Oct	NEASPEC SOM-22, , Beijing, China	Zhengguang ZHU	YSLME	presented YSLME MPA networking for spotted seal, nutrient reduction and IMTA to reduce externalities
	3-8 Nov	20th LME Meeting and IW Conference, Marrakech, Morocco	Yinfeng GUO	YSLME	Panel discussion on MSP use in SAP implementation and recapture of meeting results
	26-28 Nov	EAS Congress, Iloilo, Philippines	Sangjin LEE & Wei WANG (FIO)	YSLME	Introduced YSLME Project, delivered 3 presentations - SDG14, blue economy and SGP and coastal wetlands

	26-28 Nov	Asian Aquaculture 2018 Conference	Jianguang Fang, Zengjie Jiang & JangKyun KIM	YSLME	lectured IMTA modalities in PRC and ROK
2019	16-18 Jan	Meeting for clean beach city alliance project, Qingdao, PR China	Zhengguang ZHU	YSLME	Introduced YSLME Project to Weihai, Rongcheng and Haiyang cities for effective implementation of clean beach city alliance project
	17-21 Feb	2nd regional network meeting of marine and coastal projects in Asia-Pacific and trainings, Hanoi, Vietnam	Yinfeng GUO & Zhengguang ZHU	YSLME	Training and sharing of experiences on the YSLME use of science in SAP implementation
	18-20 Sept	21st annual marine and coastal consultation meeting (LME21), Cartagena, Colombia	Yinfeng GUO, Sangjin LEE, Zhiwei Zhang, Bin WANG,	YSLME	Introduced YSLME TDA and SAP and also activities related to SDG14
	30 Sep-2 Oct	Marine Regions Forum, Berlin, Germany	Sangjin LEE	IOC/UNESCO	Panel discussion on YSLME project related to ecosystem-based management
	11-Nov	2019 Shinan International Symposium on Conservation Strategy for Migratory Birds and Their Habitats in the YS	Sangjin LEE	Shinan County, MOF and MOE of RO Korea, and EAAFP	Introduced YSLME activities relevant to intertidal wetland and habitats in YS and also participated in discussion on workplan 2020-2022
	3-5 Dec.	LME:LEARN Data and Information Management Working Group Meeting and Training	Yinfeng GUO	IOC/UNESCO	Contribute to region-wide LME harmonized reporting as member of the DIM working group