

**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	ProDoc budget	Variance of budget revision	change in percentage
Component 1	-	202,534	75,441	31,983	604,607	582,028	142,294	336,734	1,975,621	1,970,043	5,578	0.28
Component 2	-	1,590	4	381,135	335,411	174,701	338,661	121,319	1,352,820	1,437,606	84,786	-5.90
Component 3	-	1,469	10,382	550	253,592	361,029	417,957	149,345	1,194,324	1,155,411	38,913	3.37
Component 4	-	5,072	4	100,387	486,136	662,932	696,816	784,017	2,735,363	2,621,370	113,993	4.35
Project Management	33,392	8,620	83,605	89,854	88,831	-	-	-	304,302	378,000	- 73,698	-19.50
<b>Total</b>	<b>33,392</b>	<b>219,284</b>	<b>169,436</b>	<b>603,909</b>	<b>1,768,576</b>	<b>1,780,690</b>	<b>1,595,729</b>	<b>1,391,415</b>	<b>7,562,430</b>	<b>7,562,430</b>	<b>0</b>	<b>0.00</b>

## UNDP/GEF YSLME Phase II Project Workplan 2019 Q4 and 2020

Project ID and Project Name: 00087001, 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													
EXPECTED OUTPUTS/OUTCOMES INDICATORS	TIMEFRAME					RESPONSIBLE PARTY	PLANNED BUDGET					TOTAL	
	2019	2020					Source of Funds	COA	description	2019	2020		
Output/outcome indicators and annual indicator targets/ benchmarks (if applicable)	Q4	Q1	Q2	Q3	Q4				Q4				
<b>Component 1: Ensuring sustainable regional and national cooperation for ecosystem based management, based on strengthened institutional structures and improved knowledge for decision making</b>													
<b>OUTCOME 1.1 Regional governance structure, the YSLME Commission established and functional, based on strengthened partnerships &amp; regional co-ordination; wider stakeholder participation and enhanced public awareness.</b>													
<p>End of Project Target (2020): 1) All the Terms of Reference for the YSLME Commission (coordination mechanism) and Subsidiary Bodies approved by all participating country Governments; 2) Functioning YSLME Commission (coordination mechanism)</p>	<b>Output 1.1.1 Regional agreement to establish the YSLME Commission, Management, Science and Technical Panel (MSTP) and Regional Working Group (RWGs); national and regional policies drafted and implemented</b>												
	100%		100%			UNOPS	GEF	71200	International consultancy to draft TDA update and consolidate YSLME SAP 2020-2030 (retainer contract, IICA3) and legal expert to draft documents to institutionalize the regional governance mechanism (15 working days)	15,820	29,490	45,310	
	100%		100%					71600	SAP regional review meeting (Travel costs for meeting participants)	(6,620)	8,728	2,108	
	100%		100%					75700	SAP national (China) & regional SAP review meeting (meeting venues) and regional mechanism negotiation	1,192	17,608	18,800	
	100%		100%					71600	Travel costs for meeting participants at ICC-4 and ICC-5	39,526	27,275	66,801	
	100%		100%					75700	meeting venue of ICC-4 and ICC-5	13,560	16,365	29,925	
									<b>63,478</b>	<b>99,465</b>	<b>162,944</b>		
<b>OUTCOME 1.3 Wider participation in SAP implementation fostered through capacity building and public awareness, based on strengthened Yellow Sea Partnership and wider stakeholder participation; improved environmental awareness; enhanced capacity to implement ecosystem-based management</b>													
<p>End of project target: 1) Number of partnerships: 40; 2) Number of capacity building activities: 25; 3) Number of public awareness initiatives: 15; 4) Number of participants in capacity building activities: about 200</p>	<b>Output 1.3.1 Agreements with partners on overall environment co-operation and management, relevant fishery management, marine habitat conservation and pollution reduction, at both national and regional levels; cross sector partnerships established and operational</b>												
	100%		100%			UNOPS	GEF	72100	extension of existing contract with CGTAE	5,215	8,510	13,725	
	<b>Subtotal 1.3.1</b>									<b>5,215</b>	<b>8,510</b>	<b>13,725</b>	
	<b>Output 1.3.2 National public awareness in support of YSLME SAP achieved; data and information collected; jointly managed databases developed, publicly accessible information for implementing management plans at the regional, national and local levels</b>												
	100%		100%			UNOPS	GEF	71200	professional fees for Communication Specialist (prepare YSLME contribution to SDG-14), Graphic Designer and English Editor (editing and layout of YSLME publications)	5,537	13,092	18,629	
	100%		100%					72100	subcontract for video production	33,324	0	33,324	
<b>Subtotal 1.3.2</b>									<b>38,861</b>	<b>13,092</b>	<b>51,953</b>		
<b>Output 1.3.3 Transfer lessons, experiences and best practices between the local demonstration sites</b>													
100%					UNOPS	GEF	71600	travel, transportation and meals for participants	1,130	0	1,130		
<b>Subtotal 1.3.3</b>									<b>1,130</b>	<b>0</b>	<b>1,130</b>		
<b>OUTCOME 1.4 Improved compliance with regional and international treaties, agreements and guidelines</b>													
<p>End of project targets: Better compliance of the relevant regional and international treaties and agreement e.g. UNCLOS, the 1972 Convention on the Prevention of Marine Pollution by Dumping of Wastes and Other Matter, CBD, Ramsar, The FAO Code of Conduct for Responsible Fisheries, and the bilateral agreements between China &amp; ROK on environment protection and fisheries</p>	<b>Outputs 1.4.1 Enhanced national and regional legal instruments to comply with regional &amp; global treaties, agreements and guidelines</b>												
	100%				UNOPS	GEF	72300	ongoing PCA with YSFRI	-	8,728	8,728		
	100%						72300	Ongoing PCA with YSFRI	7,921	-	7,921		
<b>Subtotal 1.4.1</b>									<b>7,921</b>	<b>8,728</b>	<b>16,649</b>		
<b>OUTCOME 1.5 Sustainable financing for regional collaboration on ecosystem-based management secured, based on cost-efficient and ecologically-effective actions</b>													
<p>End of project targets: Financing agreement between and among countries agreed to fully support YSLME for at least 5 years.</p>			100%		UNOPS	GEF	71600	travel of consultants	-	11,200	11,200		
			100%				71300	interpreters	-	10,000	10,000		
			100%				72100	audit of the project	-	21,820	21,820		
			100%				71200	terminal evaluation consultants	-	61,633	61,633		
	<b>Subtotal 1.5.1</b>									<b>-</b>	<b>104,653</b>	<b>104,653</b>	
100%	40%	30%	30%				71200	CTA/EE/OA/AA (AA from 2020)	21,255	71,949	93,205		

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EXPECTED OUTPUTS/OUTCOMES INDICATORS	TIMEFRAME					RESPONSIBLE PARTY	PLANNED BUDGET						
	2019	2020					Source of Funds	COA	description	2019	2020	TOTAL	
Output/outcome indicators and annual indicator targets/ benchmarks (if applicable)	Q4	Q1	Q2	Q3	Q4				Q4				
	100%	50%	50%			UNOPS	GEF	71300	three interns in 2019, three interns in RO Korea and one intern China in 2020	4,434	20,336	24,770	
		30%	30%	40%				71600		-	10,000	10,000	
SUBTOTAL Component 1 Personnel/Staff Travel/Fee										\$ 25,689	\$ 102,286	127,975	
<b>Subtotal</b>										\$ 142,294	\$ 336,734	479,028	
<b>COMPONENT 1</b> <b>Subtotal by COA</b>								71200		42,612	176,164	218,776	
								71300		4,434	30336,346	34,770	
								71600		34,036	57,203	91,239	
								72100		38,539	30329,8	68,868	
								72300		7,921	8728	16,649	
								72600		-	-	0	-
								74200		-	-	-	-
<b>COMPONENT 1 SUBTOTAL</b>										\$ 142,294	\$ 336,734	479,028	
<b>COMPONENT 2. IMPROVING ECOSYSTEM CARRYING CAPACITY WITH RESPECT TO PROVISIONING SERVICES</b>													
<b>OUTCOME 2.1</b> Recovery of depleted fish stocks as shown by increasing mean trophic level  End of project target: Fishing boat numbers substantially reduced by 10%, in line with the 2020 target of 30% reduction	100%					UNOPS	GEF	72100	subcontract(Nanjing University)	39,506	0	39,506	
	100%							72300	PCA to be issued to Yantai University	139,981	0	139,981	
	100%							72300	PCA with YSFRI	17,501	0	17,501	
	<b>Subtotal 2.1.1</b>										\$ 196,988	0	196,988
<b>OUTCOME 2.2</b> enhanced fish stocks through re-stocking and habitat improvement  end of project target: 1) 5% improvements in standing stock and CPUE in 3 demo sites; 2) future management decisions on restocking based on effectiveness	100%					UNOPS	GEF	72300	PCA with YSFRI	10,848	-	10,848	
	100%							71600	4 scientists*2 countries*10 days (Marine Ranching visit) Printing document	21,000	-	21,000	
	100%							72300	PCA with YSFRI	18,080	-	18,080	
	100%							72300	PCA with YSFRI	48,590	-	48,590	
<b>Subtotal 2.2.1</b>										\$ 98,518	\$ -	98,518	
<b>OUTCOME 2.3:</b> Enhanced and sustainable mariculture production, by increasing mariculture production per unit area as means to ease pressure on capture fisheries  End of project target: 1) Reduction of pollutants caused by mariculture production (5% reduction in the demo sites); 2) Measurable increase (5% increase in the demo sites) in mariculture production per unit area	<b>Output 2.3.1 Widespread practice of sustainable mariculture, where appropriate, increasing productivity and</b>												
	100%					UNOPS	GEF	72300	PCA with YSFRI	-	17,456	17,456	
	100%							72300	PCA with YSFRI	16,272	-	16,272	
	100%							72300	PCA with YSFRI	-	6,546	6,546	
<b>Subtotal 2.3.1</b>										\$ 16,272	\$ 24,002	40,274	
						UNOPS	GEF	72300	PCA with YSFRI	-	43,640	43,640	
<b>Subtotal 2.3.2</b>										\$ -	\$ 43,640	43,640	
	100%	40%	30%	30%		UNOPS	GEF	71200	salary of CTA, Env Economist, Env Specialist, and Project Support Officer	24,883	53,677	78,560	
	100%							71600		2,000	-	2,000	
<b>Subtotal of Component 2</b>										\$ 338,661	\$ 121,319	459,980	
<b>COMPONENT 2: subtotal by COA</b>								71200		24,883	53,677	78,560	
								71300		-	-	-	
								71600		23,000	-	23,000	
								72100		39,506	-	39,506	
								72200		-	-	-	
								72300		251,272	67,642	318,914	
								72600		-	-	-	
<b>COMPONENT 2 SUBTOTAL</b>										\$ 338,661	\$ 121,319	459,980	

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EXPECTED OUTPUTS/OUTCOMES INDICATORS	TIMEFRAME					RESPONSIBLE PARTY	PLANNED BUDGET					
	2019	2020					Source of Funds	COA	description	2019	2020	TOTAL
Output/outcome indicators and annual indicator targets/ benchmarks (if applicable)	Q4	Q1	Q2	Q3	Q4				Q4			
<b>COMPONENT 3.IMPROVING ECOSYSTEM CARRYING REGULATING AND CULTURAL SERVICES</b>												
<b>Output 3.1.1 Reduced pollutant levels by enforcement and control in demonstration sites</b>												
OUTCOME 3.1 Ecosystem health improved through a reduction in pollutant discharge (e.g. nutrients) from land-based sources	100%					UNOPS	GEF	72300	PCA with NMEMC	13,570	0	13,570
End of Project Target: 1) 10 percent reduction in N discharge every 5 years;												
<b>Subtotal 3.1.1</b>									\$ 13,570	\$ -	13,570	
	100%					UNOPS	GEF	71200	ongoing individual consultancy (Wang Zhen)	9,040	0	9,040
	100%							72300	PCA with NMEMC	39,761	0	39,761
<b>Subtotal 3.1.2</b>									\$ 48,801	\$ -	48,801	
									\$ 62,371	\$ -	62,371	
<b>Output 3.2.1. New and innovative techniques for pollution reduction (e.g. artificial wetlands and habitats) applied at demonstration sites</b>												
OUTCOME 3.2 Wider application of pollution-reduction techniques piloted at demonstration sites	100%	100%				UNOPS	GEF	72300	subcontract to be issued (NCSEMC)	271,200	-	271,200
End of project target: Successful demonstration of use of artificial wetlands in pollution control in 1 site and replicated in about 2 coastal municipalities and local government units												
									\$ 271,200	\$ -	271,200	
OUTCOME 3.3 Strengthened legal and regulatory processes to control pollution	100%							71200	ongoing individual consultancy (Ruijun Sun)	4,520	0	4,520
End of project target: Develop evaluation tools, in the first year, to assist in harmonizing national and provincial legislation to improve coastal water quality in Shandong, Jiangsu and Liaoning	100%					UNOPS	GEF	71200	ongoing individual consultancy	9,040	0	9,040
	100%							72100	ongoing subcontract (Shandong Research Institute)	37,968	0	37,968
									\$ 52,812	\$ -	52,812	
OUTCOME 3.4 Marine litter controlled at selected locations	100%							72300	PCA with NMEMC	5,424	0	5,424
End of Project targets: 1) Regional Guidelines on control of marine litter based on those initiated by NOWPAP produced and adopted for use in the Yellow Sea; 2) Established regional data base in the first year, and significant reduction in the quantities of marine litter at selected beach locations (YSGP also contributes to this target through GSAs with Rendu and BROCA)	100%					UNOPS	GEF					
									\$ 5,424	\$ -	5,424	
	100%	40%	30%	30%				71200	salary of CTA, Env Economist, Env Specialist, Env Officer and Operations Associate	26,150	59,045	85,195
		40%	30%	30%				71200	technical support (LMDC/CMDC)	-	89,500	89,500
								71600		-	800	800
									26,150	149,345	175,495	
<b>Total of Component 3</b>												
									417,957	149,345	567,302	
<b>COMPONENT 3: Subtotal by COA</b>												
									71200	48,750	148,545	197,295
									71600	-	800	800
									72100	-	-	37,968
									72300	329,955	-	329,955
									72600	-	-	-
									74200	-	-	-
									75700	1,284	-	1,284
<b>COMPONENT 3 SUBTOTAL</b>									\$ 417,957	\$ 149,345	567,302	
<b>COMPONENT 4 IMPROVING ECOSYSTEM CARRYING CAPACITY WITH RESPECT TO SUPPORTING SERVICES</b>												
OUTCOME 4.1 Maintenance of current habitats and the monitoring and mitigation of the impacts of reclamation	100%							71200	Ongoing individual consultancy (Zhang Zhaohui)	8,475	5,455	13,930
End of project target: 1) Areas of critical habitats maintained at current (baseline) level; 2) Increase 3% total	100%							71200	Ongoing individual consultancy (Liu Yui)	1,792	0	1,792

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EXPECTED OUTPUTS/OUTCOMES INDICATORS	TIMEFRAME					RESPONSIBLE PARTY	PLANNED BUDGET					
	2019	2020					Source of Funds	COA	description	2019	2020	TOTAL
Output/outcome indicators and annual indicator targets/ benchmarks (if applicable)	Q4	Q1	Q2	Q3	Q4				Q4			
Current (baseline) level: 2) impacts of MPA areas as MPAs; 3) Impacts of reclamation prepared in 2 demo sites	100%					UNOPS	GEF	72300	PCA with FIO	31,970	0	31,970
	100%							72300	PCA with FIO	18,080	0	18,080
									\$ 60,317	\$ 5,455	65,772	
<b>OUTCOME 4.2: MPA Network strengthened in the Yellow Sea</b>	<b>Output 4.2.1 MPA networks strengthened in the YSLME</b>											
End of project target: the planned expansion of the MPA system takes into account ecological connectivity (measured by use of developed connectivity tool kit or other means)	100%					UNOPS	GEF	72300	PCA with FIO	36,160	0	36,160
	100%							72300	PCA with YSFRI	-	43640	43,640
	100%							72300	PCA with FIO	65,540	0	65,540
	100%							72300	PCA with NMEMC	-	43640	43,640
	100%							71600	travel of non-PCA participants	-	10910	10,910
	100%							75700	venue for seminar	-	8728	8,728
	100%							71200	IICA for preparation of training toolkit	6,720	0	6,720
	100%							72300	FIO PCA	-	101,700	101,700
									\$ 108,420	\$ 208,618	317,038	
<b>OUTCOME 4.3: Adaptive Management mainstreamed to enhance the resilience of the YSLME and reduce the vulnerability of coastal communities to climate change impacts on ecosystem processes and other threats identified in the TDA and SAP</b>												
End of Project Targets: 1) Climate change adaptation strategies incorporated in regional strategies such as YSCWM and plankton communities; 2) ICM plan in Dandong, China; 3) coastal communities	100%					UNOPS	GEF	71200	Ongoing individual consultancy (Wang Shouqiang)	8,960	0	8,960
	100%							72300	PCA with FIO	-	76,698	76,698

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EXPECTED OUTPUTS/OUTCOMES INDICATORS	TIMEFRAME					RESPONSIBLE PARTY	PLANNED BUDGET						
	2019	2020					Source of Funds	COA	description	2019	2020	TOTAL	
Output/outcome indicators and annual indicator targets/ benchmarks (if applicable)	Q4	Q1	Q2	Q3	Q4				Q4				
incorporate CC adaptation to improve climate resilience	100%							72300	PCA with FIO	142,740	58,566	201,306	
	100%							72300	PCA with FIO	45,200	0	45,200	
									\$ 196,900	\$ 135,264	332,164		
<b>OUTCOME 4.4</b> Application of ecosystem-based community management (EBCM) preparing risk management plans to address climate variability and coastal disasters  End of project targets: 1) Agreed number of cruises & parameters for the regional monitoring network established and data shared regionally via the project web site. 2) Regular LME-wide assessments; enhanced information exchange; periodic scenarios of ecosystem change	100%	90%	50%			UNOPS	GEF	72600	grants	71,856	173,704	245,560	
	100%							71200	Individual Consultant for evaluation and coordination (Dirk Lamberts)	22,600	-	22,600	
	100%							72600	unrecorded expenditure in 2018	-	0	-	
	<b>Subtotal 4.4.1</b>									\$ 94,456	\$ 173,704	268,160	
<b>Output 4.4.2 Established monitoring network; regular basin-wide assessments; enhanced information exchange; periodic scenarios of ecosystem change; allocation of 1% of project budget for IWLEARN activities</b>													
	100%					UNOPS	GEF	72300	PCA with FIO	71,868	0	71,868	
	100%							72300	PCA with NMEMC	33,600	0	33,600	
	100%							72300	PCA with NMEMC	24,760	0	24,760	
	100%							72300	PCA with NMEMC	17,920	0	17,920	
	100%	40%	60%					74200	printing of training toolkits and modules	5,650	3,718	9,368	
	<b>Subtotal 4.4.2</b>									\$ 153,798	\$ 3,718	157,516	
				100%		UNOPS	GEF	72400	Disposal of the office facilities	-	3,273	3,273	
100%				100%	72500			Supplies (Internet + Communication+consumerables)	1,017	3,928	4,945		
100%	40%	50%	30%		73100			Office Utilities (Q4 + 2020)	4,068	12,672	16,740		
									\$ 5,085	\$ 19,873	24,958		
									\$ 253,339	\$ 197,295	450,634		
	100%	40%	30%	30%		UNOPS	GEF	71200	salary of CTA, Env Economist, Env Specialist, Env Officer, Communication Specialist, and Operations Associate+ES	52,125	126,085	178,210	
		40%	30%	30%				71200	LMDC/CMDC	-	100,000	100,000	
	100%	40%	30%	30%				71600		25,715	11,300	37,015	
<b>total of Component 4</b>									\$ 77,840	\$ 237,385	315,225		
									\$ 696,816	\$ 784,017	1,480,833		
<b>COMPONENT 4: Subtotal by COA</b>													
								71200		100,672	231,540.00	332,212	
								71300	-	-	-	-	
								71600	25,715	22,210	47,925		
								72100	-	-	-	-	
								72300	487,838	324,244	812,082		
								72400	-	3,273	3,273		
								72500	1,017	3,928	4,945		
								72600	71,856	173,704	245,560		
								73100	4,068	12,672	16,740		
								74200	5,650	3,718	9,368		
								75700	-	8,728	8,728		
<b>COMPONENT 4 SUBTOTAL</b>									\$ 696,816	\$ 784,017	1,480,833		
<b>COMPONENT 5: Project Management</b>													
<b>COMPONENT 5: Subtotal by COA</b>													
						UNOPS	GEF						
<b>COMPONENT 5 SUBTOTAL</b>													
<b>Grant Total</b>									\$ 1,595,729	\$ 1,391,415	2,987,143		
									71200	\$ 216,917	\$ 609,926	826,843	
									71300	\$ 4,434	\$ 30,336	34,770	
									71600	\$ 82,751	\$ 80,213	162,965	
									72100	\$ 116,013	\$ 30,330	146,342	
									72200	\$ -	\$ -	-	
<b>Grand Total</b>									72300	\$ 1,076,986	\$ 400,614	1,477,600	
									72400	\$ -	\$ 3,273	3,273	

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	2019	2020					Source of Funds	COA	description	2019	2020	
Output/outcome indicators and annual indicator targets/ benchmarks (if applicable)	Q4	Q1	Q2	Q3	Q4				Q4			
							72500			\$ 1,017	\$ 3,928	4,945
							72600			\$ 71,856	\$ 173,704	245,560
							73100			\$ 4,068	\$ 12,672	16,740
							74200			\$ 5,650	\$ 3,718	9,368
							75700			\$ 16,036	\$ 42,701	58,737
									<b>Grand Total</b>	\$ 1,595,729	\$ 1,391,415	2,987,143
<b>GRANDTOTAL OF COMPONENT 1-5</b>										\$ 1,595,729	\$ 1,391,415	\$ 2,987,143

activities marked in brown are covered in PCA with FIO.

activities marked in green are covered in PCA with NMEMC.

activities marked in value are covered in PCA with YSFRI

activities marked in this color are covered in

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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	ProDoc budget	Variance of budget revision	change in percentage
Component 1	-	202,534	75,441	31,983	604,607	582,028	142,294	336,734	1,975,621	1,970,043	5,578	0.28
Component 2	-	1,590	4	381,135	335,411	174,701	338,661	121,319	1,352,820	1,437,606	84,786	-5.90
Component 3	-	1,469	10,382	550	253,592	361,029	417,957	149,345	1,194,324	1,155,411	38,913	3.37
Component 4	-	5,072	4	100,387	486,136	662,932	696,816	784,017	2,735,363	2,621,370	113,993	4.35
Project Management	33,392	8,620	83,605	89,854	88,831	-	-	-	304,302	378,000	- 73,698	-19.50
<b>Total</b>	<b>33,392</b>	<b>219,284</b>	<b>169,436</b>	<b>603,909</b>	<b>1,768,576</b>	<b>1,780,690</b>	<b>1,595,729</b>	<b>1,391,415</b>	<b>7,562,430</b>	<b>7,562,430</b>	<b>0</b>	<b>0.00</b>



## UNDP/GEF YSLME Phase II Project Workplan 2019 Q4 and 2020

Project ID and Project Name: 00087001, 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															
EXPECTED OUTPUTS/OUTCOMES INDICATORS	TIMEFRAME					RESPONSIBLE PARTY	PLANNED BUDGET					TOTAL			
	2019	2020					Source of Funds	COA	description	2019	2020				
Output/outcome indicators and annual indicator targets/ benchmarks (if applicable)	Q4	Q1	Q2	Q3	Q4				Q4						
<b>Component 1: Ensuring sustainable regional and national cooperation for ecosystem based management, based on strengthened institutional structures and improved knowledge for decision making</b>															
<b>OUTCOME 1.1 Regional governance structure, the YSLME Commission established and functional, based on strengthened partnerships &amp; regional co-ordination; wider stakeholder participation and enhanced public awareness.</b>															
<p>End of Project Target (2020): 1) All the Terms of Reference for the YSLME Commission (coordination mechanism) and Subsidiary Bodies approved by all participating country Governments; 2) Functioning YSLME Commission (coordination mechanism)</p>	<b>Output 1.1.1 Regional agreement to establish the YSLME Commission, Management, Science and Technical Panel (MSTP) and Regional Working Group (RWGs); national and regional policies drafted and implemented</b>														
	100%		100%			UNOPS	GEF	71200	International consultancy to draft TDA update and consolidate YSLME SAP 2020-2030 (retainer contract, IICA3) and legal expert to draft documents to institutionalize the regional governance mechanism (15 working days)	15,820	29,490	45,310			
	100%		100%					71600	SAP regional review meeting (Travel costs for meeting participants)	(6,620)	8,728	2,108			
	100%		100%					75700	SAP national (China) & regional SAP review meeting (meeting venues) and regional mechanism negotiation	1,192	17,608	18,800			
	100%		100%					71600	Travel costs for meeting participants at ICC-4 and ICC-5	39,526	27,275	66,801			
	100%		100%					75700	meeting venue of ICC-4 and ICC-5	13,560	16,365	29,925			
									<b>63,478</b>	<b>99,465</b>	<b>162,944</b>				
<b>OUTCOME 1.3 Wider participation in SAP implementation fostered through capacity building and public awareness, based on strengthened Yellow Sea Partnership and wider stakeholder participation; improved environmental awareness; enhanced capacity to implement ecosystem-based management</b>															
<p>End of project target: 1) Number of partnerships: 40; 2) Number of capacity building activities: 25; 3) Number of public awareness initiatives: 15; 4) Number of participants in capacity building activities: about 200</p>	<b>Output 1.3.1 Agreements with partners on overall environment co-operation and management, relevant fishery management, marine habitat conservation and pollution reduction, at both national and regional levels; cross sector partnerships established and operational</b>														
	100%		100%			UNOPS	GEF	72100	extension of existing contract with CGTAE	5,215	8,510	13,725			
	<b>Subtotal 1.3.1</b>									<b>5,215</b>	<b>8,510</b>	<b>13,725</b>			
	<b>Output 1.3.2 National public awareness in support of YSLME SAP achieved; data and information collected; jointly managed databases developed, publicly accessible information for implementing management plans at the regional, national and local levels</b>														
	100%		100%					UNOPS	GEF	71200	professional fees for Communication Specialist (prepare YSLME contribution to SDG-14), Graphic Designer and English Editor (editing and layout of YSLME publications)	5,537	13,092	18,629	
	100%		100%							72100	subcontract for video production	33,324	0	33,324	
<b>Subtotal 1.3.2</b>									<b>38,861</b>	<b>13,092</b>	<b>51,953</b>				
<b>Output 1.3.3 Transfer lessons, experiences and best practices between the local demonstration sites</b>															
100%					UNOPS	GEF	71600	travel, transportation and meals for participants	1,130	0	1,130				
<b>Subtotal 1.3.3</b>									<b>1,130</b>	<b>0</b>	<b>1,130</b>				
<b>OUTCOME 1.4 Improved compliance with regional and international treaties, agreements and guidelines</b>															
<p>End of project targets: Better compliance of the relevant regional and international treaties and agreement e.g. UNCLOS, the 1972 Convention on the Prevention of Marine Pollution by Dumping of Wastes and Other Matter, CBD, Ramsar, The FAO Code of Conduct for Responsible Fisheries, and the bilateral agreements between China &amp; ROK on environment protection and fisheries</p>	<b>Outputs 1.4.1 Enhanced national and regional legal instruments to comply with regional &amp; global treaties, agreements and guidelines</b>														
	100%				UNOPS	GEF	72300	ongoing PCA with YSFRI	-	8,728	8,728				
	100%						72300	Ongoing PCA with YSFRI	7,921	-	7,921				
<b>Subtotal 1.4.1</b>									<b>7,921</b>	<b>8,728</b>	<b>16,649</b>				
<b>OUTCOME 1.5 Sustainable financing for regional collaboration on ecosystem-based management secured, based on cost-efficient and ecologically-effective actions</b>															
<p>End of project targets: Financing agreement between and among countries agreed to fully support YSLME for at least 5 years.</p>			100%		UNOPS	GEF	71600	travel of consultants	-	11,200	11,200				
			100%				71300	interpreters	-	10,000	10,000				
			100%				72100	audit of the project	-	21,820	21,820				
			100%				71200	terminal evaluation consultants	-	61,633	61,633				
	<b>Subtotal 1.5.1</b>									<b>-</b>	<b>104,653</b>	<b>104,653</b>			
100%	40%	30%	30%				71200	CTA/EE/OA/AA (AA from 2020)	21,255	71,949	93,205				

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EXPECTED OUTPUTS/OUTCOMES INDICATORS	TIMEFRAME					RESPONSIBLE PARTY	PLANNED BUDGET						
	2019	2020					Source of Funds	COA	description	2019	2020	TOTAL	
Output/outcome indicators and annual indicator targets/ benchmarks (if applicable)	Q4	Q1	Q2	Q3	Q4				Q4				
	100%	50%	50%			UNOPS	GEF	71300	three interns in 2019, three interns in RO Korea and one intern China in 2020	4,434	20,336	24,770	
		30%	30%	40%				71600		-	10,000	10,000	
SUBTOTAL Component 1 Personnel/Staff Travel/Fee										\$ 25,689	\$ 102,286	127,975	
<b>Subtotal</b>									\$ 142,294	\$ 336,734	479,028		
<b>COMPONENT 1</b> <b>Subtotal by COA</b>								71200		42,612	176,164	218,776	
								71300		4,434	30336.346	34,770	
								71600		34,036	57,203	91,239	
								72100		38,539	30329.8	68,868	
								72300		7,921	8728	16,649	
								72600		-	-	0	-
								74200		-	-	-	-
<b>COMPONENT 1 SUBTOTAL</b>									\$ 14,752	\$ 33972.649	48,725		
									\$ 142,294	\$ 336,734	479,028		
<b>COMPONENT 2. IMPROVING ECOSYSTEM CARRYING CAPACITY WITH RESPECT TO PROVISIONING SERVICES</b>													
<b>OUTCOME 2.1</b> Recovery of depleted fish stocks as shown by increasing mean trophic level													
End of project target: Fishing boat numbers substantially reduced by 10%, in line with the 2020 target of 30% reduction	100%					UNOPS	GEF	72100	subcontract(Nanjing University)	39,506	0	39,506	
	100%							72300	PCA to be issued to Yantai University	139,981	0	139,981	
	100%							72300	PCA with YSFRI	17,501	0	17,501	
<b>Subtotal 2.1.1</b>									\$ 196,988	\$ 0	196,988		
<b>OUTCOME 2.2</b> enhanced fish stocks through re-stocking and habitat improvement													
end of project target: 1) 5% improvements in standing stock and CPUE in 3 demo sites; 2) future management decisions on restocking based on effectiveness	100%					UNOPS	GEF	72300	PCA with YSFRI	10,848	-	10,848	
	100%							71600	4 scientists*2 countries*10 days (Marine Ranching visit) Printing document	21,000	-	21,000	
	100%							72300	PCA with YSFRI	18,080	-	18,080	
	100%							72300	PCA with YSFRI	48,590	-	48,590	
<b>Subtotal 2.2.1</b>									\$ 98,518	\$ -	98,518		
<b>OUTCOME 2.3:</b> Enhanced and sustainable mariculture production, by increasing mariculture production per unit area as means to ease pressure on capture fisheries													
End of project target: 1) Reduction of pollutants caused by mariculture production (5% reduction in the demo sites); 2) Measurable increase (5% increase in the demo sites) in mariculture production per unit area	100%					UNOPS	GEF	72300	PCA with YSFRI	-	17,456	17,456	
	100%							72300	PCA with YSFRI	16,272	-	16,272	
	100%							72300	PCA with YSFRI	-	6,546	6,546	
<b>Subtotal 2.3.1</b>									\$ 16,272	\$ 24,002	40,274		
	100%					UNOPS	GEF	72300	PCA with YSFRI	-	43,640	43,640	
<b>Subtotal 2.3.2</b>									\$ -	\$ 43,640	43,640		
	100%	40%	30%	30%		UNOPS	GEF	71200	salary of CTA, Env Economist, Env Specialist, and Project Support Officer	24,883	53,677	78,560	
	100%							71600		2,000	-	2,000	
<b>Subtotal of Component 2</b>									\$ 26,883	\$ 53,677	80,560		
									\$ 338,661	\$ 121,319	459,980		
<b>COMPONENT 2: subtotal by COA</b>								71200		24,883	53,677	78,560	
								71300		-	-	-	
								71600		23,000	-	23,000	
								72100		39,506	-	39,506	
								72200		-	-	-	
								72300		251,272	67,642	318,914	
								72600		-	-	-	
								74200		-	-	-	
<b>COMPONENT 2 SUBTOTAL</b>									\$ -	\$ -	-		
									\$ 338,661	\$ 121,319	459,980		

Project ID and Project Name: 00087001, 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												
EXPECTED OUTPUTS/OUTCOMES INDICATORS	TIMEFRAME					RESPONSIBLE PARTY	PLANNED BUDGET					
	2019	2020					2019	2020	TOTAL			
Output/outcome indicators and annual indicator targets/ benchmarks (if applicable)	Q4	Q1	Q2	Q3	Q4	Source of Funds	COA	description	Q4	2020	TOTAL	
<b>COMPONENT 3.IMPROVING ECOSYSTEM CARRYING REGULATING AND CULTURAL SERVICES</b>												
<b>Output 3.1.1 Reduced pollutant levels by enforcement and control in demonstration sites</b>												
OUTCOME 3.1 Ecosystem health improved through a reduction in pollutant discharge (e.g. nutrients) from land-based sources	100%					UNOPS	GEF	72300	PCA with NMEMC	13,570	0	13,570
End of Project Target: 1) 10 percent reduction in N discharge every 5 years;	Subtotal 3.1.1									\$ 13,570	\$ -	13,570
	100%					UNOPS	GEF	71200	ongoing individual consultancy (Wang Zhen)	9,040	0	9,040
	100%							72300	PCA with NMEMC	39,761	0	39,761
	Subtotal 3.1.2									\$ 48,801	\$ -	48,801
										\$ 62,371	\$ -	62,371
<b>Output 3.2.1. New and innovative techniques for pollution reduction (e.g. artificial wetlands and habitats) applied at demonstration sites</b>												
OUTCOME 3.2 Wider application of pollution-reduction techniques piloted at demonstration sites	100%	100%				UNOPS	GEF	72300	subcontract to be issued (NCSEMC)	271,200	-	271,200
End of project target: Successful demonstration of use of artificial wetlands in pollution control in 1 site and replicated in about 2 coastal municipalities and local government units										\$ 271,200	\$ -	271,200
OUTCOME 3.3 Strengthened legal and regulatory processes to control pollution	100%					UNOPS	GEF	71200	ongoing individual consultancy (Ruijun Sun)	4,520	0	4,520
End of project target: Develop evaluation tools, in the first year, to assist in harmonizing national and provincial legislation to improve coastal water quality in Shandong, Jiangsu and Liaoning	100%							71200	ongoing individual consultancy	9,040	0	9,040
	100%							72100	ongoing subcontract (Shandong Research Institute)	37,968	0	37,968
										\$ 52,812	\$ -	52,812
OUTCOME 3.4 Marine litter controlled at selected locations	100%					UNOPS	GEF	72300	PCA with NMEMC	5,424	0	5,424
End of Project targets: 1) Regional Guidelines on control of marine litter based on those initiated by NOWPAP produced and adopted for use in the Yellow Sea; 2) Established regional data base in the first year, and significant reduction in the quantities of marine litter at selected beach locations (YSGP also contributes to this target through GSAs with Rendu and BROCA)										\$ 5,424	\$ -	5,424
	100%	40%	30%	30%		UNOPS	GEF	71200	salary of CTA, Env Economist, Env Specialist, Env Officer and Operations Associate	26,150	59,045	85,195
		40%	30%	30%				71200	technical support (LMDC/CMDC)	-	89,500	89,500
								71600		-	800	800
										26,150	149,345	175,495
Total of Component 3										417,957	149,345	567,302
<b>COMPONENT 3: Subtotal by COA</b>								71200		48,750	148,545	197,295
								71600		-	800	800
								72100		37,968	-	37,968
								72300		329,955	-	329,955
								72600		-	-	-
								74200		-	-	-
								75700		1,284	-	1,284
<b>COMPONENT 3 SUBTOTAL</b>										\$ 417,957	\$ 149,345	567,302
<b>COMPONENT 4 IMPROVING ECOSYSTEM CARRYING CAPACITY WITH RESPECT TO SUPPORTING SERVICES</b>												
OUTCOME 4.1 Maintenance of current habitats and the monitoring and mitigation of the impacts of reclamation	100%							71200	Ongoing individual consultancy (Zhang Zhaohui)	8,475	5,455	13,930
End of project target: 1) Areas of critical habitats maintained at current (baseline) level; 2) Increase 3% total	100%							71200	Ongoing individual consultancy (Liu Yui)	1,792	0	1,792

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EXPECTED OUTPUTS/OUTCOMES INDICATORS	TIMEFRAME					RESPONSIBLE PARTY	PLANNED BUDGET					
	2019	2020					Source of Funds	COA	description	2019	2020	TOTAL
Output/outcome indicators and annual indicator targets/ benchmarks (if applicable)	Q4	Q1	Q2	Q3	Q4				Q4			
Current (baseline) level: 2) impacts of reclamation areas as MPAs; 3) Impacts of reclamation prepared in 2 demo sites	100%					UNOPS	GEF	72300	PCA with FIO	31,970	0	31,970
	100%							72300	PCA with FIO	18,080	0	18,080
									\$ 60,317	\$ 5,455	65,772	
<b>OUTCOME 4.2: MPA Network strengthened in the Yellow Sea</b>	<b>Output 4.2.1 MPA networks strengthened in the YSLME</b>											
End of project target: the planned expansion of the MPA system takes into account ecological connectivity (measured by use of developed connectivity tool kit or other means)	100%					UNOPS	GEF	72300	PCA with FIO	36,160	0	36,160
	100%							72300	PCA with YSFRI	-	43640	43,640
	100%							72300	PCA with FIO	65,540	0	65,540
	100%							72300	PCA with NMEMC	-	43640	43,640
	100%							71600	travel of non-PCA participants	-	10910	10,910
	100%							75700	venue for seminar	-	8728	8,728
	100%							71200	IICA for preparation of training toolkit	6,720	0	6,720
	100%							72300	FIO PCA	-	101,700	101,700
									\$ 108,420	\$ 208,618	317,038	
<b>OUTCOME 4.3: Adaptive Management mainstreamed to enhance the resilience of the YSLME and reduce the vulnerability of coastal communities to climate change impacts on ecosystem processes and other threats identified in the TDA and SAP</b>												
End of Project Targets: 1) Climate change adaptation strategies incorporated in regional strategies such as YSCWM and plankton communities; 2) ICM plan in Dandong, China; 3) coastal communities	100%					UNOPS	GEF	71200	Ongoing individual consultancy (Wang Shouqiang)	8,960	0	8,960
	100%							72300	PCA with FIO	-	76,698	76,698

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EXPECTED OUTPUTS/OUTCOMES INDICATORS	TIMEFRAME					RESPONSIBLE PARTY	PLANNED BUDGET						
	2019	2020					Source of Funds	COA	description	2019	2020	TOTAL	
Output/outcome indicators and annual indicator targets/ benchmarks (if applicable)	Q4	Q1	Q2	Q3	Q4				Q4				
incorporate CC adaptation to improve climate resilience	100%							72300	PCA with FIO	142,740	58,566	201,306	
	100%							72300	PCA with FIO	45,200	0	45,200	
									\$ 196,900	\$ 135,264	332,164		
<b>OUTCOME 4.4</b> Application of ecosystem-based community management (EBCM) preparing risk management plans to address climate variability and coastal disasters  End of project targets: 1) Agreed number of cruises & parameters for the regional monitoring network established and data shared regionally via the project web site. 2) Regular LME-wide assessments; enhanced information exchange; periodic scenarios of ecosystem change	100%	90%	50%			UNOPS	GEF	72600	grants	71,856	173,704	245,560	
	100%							71200	Individual Consultant for evaluation and coordination (Dirk Lamberts)	22,600	-	22,600	
	100%							72600	unrecorded expenditure in 2018	-	0	-	
	<b>Subtotal 4.4.1</b>									\$ 94,456	\$ 173,704	268,160	
<b>Output 4.4.2 Established monitoring network; regular basin-wide assessments; enhanced information exchange; periodic scenarios of ecosystem change; allocation of 1% of project budget for IWLEARN activities</b>													
	100%					UNOPS	GEF	72300	PCA with FIO	71,868	0	71,868	
	100%							72300	PCA with NMEMC	33,600	0	33,600	
	100%							72300	PCA with NMEMC	24,760	0	24,760	
	100%							72300	PCA with NMEMC	17,920	0	17,920	
	100%	40%	60%					74200	printing of training toolkits and modules	5,650	3,718	9,368	
	<b>Subtotal 4.4.2</b>									\$ 153,798	\$ 3,718	157,516	
				100%		UNOPS	GEF	72400	Disposal of the office facilities	-	3,273	3,273	
100%				100%	72500			Supplies (Internet + Communication+consumerables)	1,017	3,928	4,945		
100%	40%	50%	30%		73100			Office Utilities (Q4 + 2020)	4,068	12,672	16,740		
									\$ 5,085	\$ 19,873	24,958		
									\$ 253,339	\$ 197,295	450,634		
	100%	40%	30%	30%		UNOPS	GEF	71200	salary of CTA, Env Economist, Env Specialist, Env Officer, Communication Specialist, and Operations Associate+ES	52,125	126,085	178,210	
		40%	30%	30%				71200	LMDC/CMDC	-	100,000	100,000	
	100%	40%	30%	30%				71600		25,715	11,300	37,015	
<b>total of Component 4</b>									\$ 77,840	\$ 237,385	315,225		
									\$ 696,816	\$ 784,017	1,480,833		
<b>COMPONENT 4: Subtotal by COA</b>													
								71200		100,672	231,540.00	332,212	
								71300	-	-	-	-	
								71600	25,715	22,210	47,925		
								72100	-	-	-	-	
								72300	487,838	324,244	812,082		
								72400	-	3,273	3,273		
								72500	1,017	3,928	4,945		
								72600	71,856	173,704	245,560		
								73100	4,068	12,672	16,740		
								74200	5,650	3,718	9,368		
								75700	-	8,728	8,728		
<b>COMPONENT 4 SUBTOTAL</b>									\$ 696,816	\$ 784,017	1,480,833		
<b>COMPONENT 5: Project Management</b>													
<b>COMPONENT 5: Subtotal by COA</b>													
						UNOPS	GEF						
<b>COMPONENT 5 SUBTOTAL</b>													
<b>Grant Total</b>									\$ 1,595,729	\$ 1,391,415	2,987,143		
									71200	\$ 216,917	\$ 609,926	826,843	
									71300	\$ 4,434	\$ 30,336	34,770	
									71600	\$ 82,751	\$ 80,213	162,965	
									72100	\$ 116,013	\$ 30,330	146,342	
									72200	\$ -	\$ -	-	
									72300	\$ 1,076,986	\$ 400,614	1,477,600	
<b>Grand Total</b>									\$ -	\$ 3,273	3,273		

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EXPECTED OUTPUTS/OUTCOMES INDICATORS	TIMEFRAME					RESPONSIBLE PARTY	PLANNED BUDGET					TOTAL	
	2019	2020					Source of Funds	COA	description	2019	2020		
Output/outcome indicators and annual indicator targets/ benchmarks (if applicable)	Q4	Q1	Q2	Q3	Q4				Q4				
							72500				\$ 1,017	\$ 3,928	4,945
							72600				\$ 71,856	\$ 173,704	245,560
							73100				\$ 4,068	\$ 12,672	16,740
							74200				\$ 5,650	\$ 3,718	9,368
							75700				\$ 16,036	\$ 42,701	58,737
										<b>Grand Total</b>	\$ 1,595,729	\$ 1,391,415	2,987,143
<b>GRANDTOTAL OF COMPONENT 1-5</b>											\$ 1,595,729	\$ 1,391,415	\$ 2,987,143

activities marked in brown are covered in PCA with FIO.

activities marked in green are covered in PCA with NMEMC.

activities marked in value are covered in PCA with YSFRI

activities marked in this color are covered in