

Table 1. Needs analysis of IOSEA Signatory states based on information supplied in sections 5.2.2, 5.4.2 of the Country Reports.

	Comoros	Kenya	Madagascar	Mozambique	Mauritius	Seychelles	South Africa	Western Indian Ocean	Bahrain	Eritrea	IR Iran	Jordan	Oman	Saudi Arabia	North-western Indian Ocean	Bangladesh	India	Maldives	Pakistan	Sri Lanka	Northern Indian Ocean	Cambodia	Indonesia	Malaysia	Myanmar	Philippines	Thailand	Viet Nam	Southeast Asian	Total Reporting	Rank within Objective	OVER ALL RANK
OBJECTIVE I: REDUCE DIRECT AND INDIRECT CAUSES OF MARINE TURTLE MORTALITY																																
1.1	ID Threats:			X	X			2	X	X		X			3						0	X			X		X	3	8	1	10	
1.2	Ameliorate Threats		X	X				2	X	X					2						0	X			X			2	6	4	15	
1.3	Correct adverse Socioeconomic incentives		X					1				X			1						0			X	X			2	4	6	19	
1.4	Reduce capture and mortality of turtles in fishing industry			X		X	X	3							0	X					1		X			X	X	3	7	2	12	
1.5	Prohibit Direct Harvest		X	X				2	X						1						0	X	X	X				3	6	4	15	
1.6	Nesting beaches Protection			X				1		X		X			2					X	1	X	X	X				3	7	2	12	
OBJECTIVE II: PROTECT, CONSERVE AND REHABILITATE MARINE TURTLE HABITATS																																
2.1	Foraging Habitat Protection:	X	X	X	X			4	X	X		X	X		4	X	X				2	X	X		X	X	X	X	6	16	1	4
2.2	Rehabilitate habitats	X		X		X		3	X		X				2						0	X	X					2	7	2	12	

OBJECTIVE III: IMPROVE UNDERSTANDING OF MARINE TURTLE ECOLOGY AND POPULATIONS THROUGH RESEARCH, MONITORING AND INFORMATION EXCHANGE																																
3.1	Nesting and Feeding Habitats:		X	X	X	X	X	X	X	6		X	X	X		X	4	X		X	2	X	X	X	X	X	X	X	7	19	1	1
3.2	Collaborative research	X	X							2				X	X	2		X			1				X	X		X	3	8	3	10
3.3	Analyse Data		X		X					2		X				1					0			X	X		X	3	6	4	15	
3.4	Exchange Information	X	X	X	X	X	X			6		X	X	X		X	4			X	X	2			X	X	X	X	4	16	2	4
OBJECTIVE IV: INCREASE PUBLIC AWARENESS OF THE THREATS TO MARINE TURTLES AND THEIR HABITATS, AND ENHANCE PUBLIC PARTICIPATION IN CONSERVATION ACTIVITIES																																
4.1	Public education & awareness Prg	X	X	X	X	X	X	X		7		X		X	X	3	X	X	X	X	3	X	X	X	X	X	X	5	18	1	2	
4.2	Develop alternative livelihoods				X					1						0	X		X	2	X	X			X			3	6	3	15	
4.3	Public (Local Community) Involvement	X	X	X	X	X	X			6		X	X			2		X	X	2	X			X		X		3	13	2	7	
OBJECTIVE V: ENHANCE NATIONAL, REGIONAL AND INTERNATIONAL COOPERATION																																
5.1	Share Information related to illegal trade and enforcement				X	X				2						0					0				X			1	3	4	20	
5.2	Develop and implement National plans	X						X		2			X			1					0							0	3	4	20	

Table 2. IOSEA Sub-region data based on information in the Country Reports

IOSEA SUB-REGION DATA										
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OBJECTIVE I: REDUCE DIRECT AND INDIRECT CAUSES OF MARINE TURTLE MORTALITY												
1.3.2	Which of these adverse economic incentives are underlying threats to marine turtles in your country? [TSH]			Formula	WIO		NWIO		NIO		SEA	
	High prices commended by from turtle products relative to other commodities	YES	NO	# = Y N	3	1	0	0	1	0	1	0
	Lack of affordable alternatives to turtle products	YES	NO	# = Y N	2	1	1	0	0	0	2	0
	Ease of access to the turtle resource (eg. by virtue of proximity or ease of land/water access)	YES	NO	# = Y N	6	0	2	0	3	0	3	0
	Low cost of land near nesting beaches	YES	NO	# = Y N	1	1	1	0	2	0	0	0
	Low penalties against illegal harvesting	YES	NO	# = Y N	6	0	2	0	2	0	1	0

1.4.2	Perceived impact:RELATIVELY HIGH, MODERATE, RELATIVELY LOW, NONE, UNKNOWN	# = RH+M	2		1		1		5	
1.4.1	f) Driftnet YES NO	# = Y N	1	6	4	4	2	2	6	1
1.4.2	Fishing effort:RELATIVELY HIGH, MODERATE, RELATIVELY LOW, NONE, UNKNOWN	# = RH+M	1		2		1		3	
1.4.2	Perceived impact:RELATIVELY HIGH, MODERATE, RELATIVELY LOW, NONE, UNKNOWN	# = RH+M	1		1		0		3	
1.4.4	Which of the following methods are used by your country to minimise incidental capture/mortality of marine turtles in fishing activities? [IND]		WIO		NWIO		NIO		SEA	
	a) Appropriate handling of incidentally caught turtles (e.g. resuscitation or release by fishers using equipment such as de-hooking, line cutting tools and scoop nets) YES, NO, UNDER INVESTIGATION, NOT APPLICABLE	# = Y N	3	1	4	2	3	1	5	2
	b) Devices that allow the escape of marine turtles (e.g. turtle excluder devices (TEDs) or other measures that are comparable in effectiveness) YES, NO, UNDER INVESTIGATION, NOT APPLICABLE	# = Y N	2	2	1	4	3	1	3	3
	c) Measures to avoid encirclement of marine turtles in purse seine fisheries YES, NO, UNDER INVESTIGATION, NOT APPLICABLE	# = Y N	2	2	0	4	0	3	2	3
	d) Appropriate combinations of hook design, type of bait, depth, gear specifications and fishing practices YES, NO, UNDER INVESTIGATION, NOT APPLICABLE	# = Y N	2	1	1	4	1	1	3	2
	e) Monitoring and recovery of fish aggregating devices (FADs) YES, NO, UNDER INVESTIGATION, NOT APPLICABLE	# = Y N	3	2	1	4	1	2	2	2
	f) Net retention and recycling schemes YES, NO, UNDER INVESTIGATION, NOT APPLICABLE	# = Y N	1	4	0	5	0	2	2	2
	g) Spatial and temporal control of fishing (e.g. seasonal closures of fishing activities) YES, NO, UNDER INVESTIGATION, NOT APPLICABLE	# = Y N	3	4	6	0	4	0	5	1

	h) Effort management control	YES, NO, UNDER INVESTIGATION, NOT APPLICABLE	# = Y N	3	3	4	0	3	0	4	1
1.4.5	Which of the following programs has your country developed - in consultation with the fishing industry and fisheries management organisations - to promote implementation of measures to minimise incidental capture and mortality of turtles in national waters and in the high seas?			WIO		NWIO		NIO		SEA	
	a) Onboard observer programs	YES, NO, NOT APPLICABLE	# = Y N	6	1	2	3	1	3	4	2
	b) Vessel monitoring systems	YES, NO, NOT APPLICABLE	# = Y N	5	1	2	4	1	3	2	3
	c) Inspections (i.e. at sea, in port, at landing sites)	YES, NO, NOT APPLICABLE	# = Y N	6	0	6	1	5	0	5	1
	d) Training programs / workshops to educate fishers	YES, NO, NOT APPLICABLE	# = Y N	7	1	7	1	5	0	7	0
	e) Informative videos, brochures, printed guidelines etc.	YES, NO, NOT APPLICABLE	# = Y N	4	2	6	1	5	0	6	0
1.5	Addressing harvest of, and trade in, marine turtles; and protection of habitat										
1.5.2	Which, among the following list, are economic uses and cultural values of marine turtles in your country? [INF] RELATIVE PREVALENCE / IMPORTANCE			WIO		NWIO		NIO		SEA	
	Meat consumption	YES, NO HIGH, MODERATE, LOW, UNKNOWN	# = Y + H + M	7		2		1		3	
	Egg consumption	YES, NO HIGH, MODERATE, LOW, UNKNOWN	# = Y + H + M	6		2		3		4	
	Shell products	YES, NO HIGH, MODERATE, LOW, UNKNOWN	# = Y + H + M	5		1		0		1	
	Fat consumption	YES, NO HIGH, MODERATE, LOW, UNKNOWN	# = Y + H + M	3		1		0		1	

	Traditional medicine	YES, NO	HIGH, MODERATE, LOW, UNKNOWN	# = Y + H + M	3		4		0		3	
	Eco-tourism programs	YES, NO	HIGH, MODERATE, LOW, UNKNOWN	# = Y + H + M	5		1		4		5	
	Cultural / traditional significance	YES, NO	HIGH, MODERATE, LOW, UNKNOWN	# = Y + H + M	4		2		2		2	
1.5.3	Please indicate the relative level and impact of traditional harvest on marine turtles and their eggs. [IND, TSH]				WIO		NWIO		NIO		SEA	
	Level of harvest: RELATIVELY HIGH, MODERATE, RELATIVELY LOW, NONE, UNKNOWN			# = RH + M	6		2		1		2	
	Impact of harvest: RELATIVELY HIGH, MODERATE, RELATIVELY LOW, NONE, UNKNOWN			# = RH + M	5		2		1		2	
1.6.1	First, tick one of the boxes at left to indicate whether or not your country has any of the following measures in place to minimise the mortality of eggs, hatchlings and nesting females. If yes, then estimate the relative effectiveness of these measures. [IND, SAP] RELATIVE EFFECTIVENESS				WIO		NWIO		NIO		SEA	
	Monitoring/protection programs	YES, NO, N/A	EXCELLENT, GOOD, LOW, UNKNOWN	# = Y + E + G	8		2		5		3	
	Education/awareness programs	YES, NO, N/A	EXCELLENT, GOOD, LOW, UNKNOWN	# = Y + E + G	8		4		4		5	
	Egg relocation/hatcheries	YES, NO, N/A	EXCELLENT, GOOD, LOW, UNKNOWN	# = Y + E + G	3		1		5		6	

	Predator control	YES, NO, N/A	EXCELLENT, GOOD, LOW, UNKNOWN	# = Y + E + G	3			0			0			6	
	Vehicle / access restrictions	YES, NO, N/A	EXCELLENT, GOOD, LOW, UNKNOWN	# = Y + E + G	5			1			2			2	
	Removal of debris / clean-up	YES, NO, N/A	EXCELLENT, GOOD, LOW, UNKNOWN	# = Y + E + G	5			4			2			6	
	Re-vegetation of frontal dunes	YES, NO, N/A	EXCELLENT, GOOD, LOW, UNKNOWN	# = Y + E + G	4			0			1			1	
	Building location/design regulations	YES, NO, N/A	EXCELLENT, GOOD, LOW, UNKNOWN	# = Y + E + G	5			3			2			3	
	Light pollution reduction	YES, NO, N/A	EXCELLENT, GOOD, LOW, UNKNOWN	# = Y + E + G	5			2			2			2	
1.6.2	Has your country undertaken any evaluation of its nest and beach management programs? [SAP] YES NO NOT APPLICABLE			# = Y + E + G	4			3			3			5	
OBJECTIVE II: PROTECT, CONSERVE AND REHABILITATE MARINE TURTLE HABITATS															
2.1	Measures to protect and conserve marine turtle habitats						WIO			NWIO			NIO		SEA
2.1.2	Are assessments routinely made of the environmental impact of marine and coastal development on marine turtles and their habitats? [IND, SAP] YES NO NOT APPLICABLE			# = Y N	6	2		5	1		3	2		3	4
2.1.3	Is marine water quality (including marine debris) monitored near turtle habitats? If yes, describe the nature of this monitoring and any remedial measures that may have been taken. [SAP] YES NO NOT APPLICABLE			# = Y N	2	3		5	1		3	2		4	3

2.1.4	Are measures in place to prohibit the use of poisonous chemicals and explosives? [SAP] YES NO NOT APPLICABLE	# = Y N	7	0	7	0	4	1	5	0
2.2 Rehabilitation of degraded marine turtle habitats			WIO		NWIO		NIO		SEA	
2.2.1	Are efforts being made to recover degraded coral reefs? If yes, give details (location, duration, effectiveness, lessons learned, future plans etc). [IND, SAP] YES NO NOT APPLICABLE (no degraded coral reefs)	# = Y N	3	2	3	3	4	1	5	2
2.2.2	Are efforts being made to recover degraded mangrove habitats that are important for turtles?	# = Y N	4	1	4	0	4	1	6	1
2.2.3	Are efforts being made to recover degraded sea grass habitats? If yes, give details (location, duration, effectiveness, lessons learned, future plans etc.). [IND, SAP] YES NO NOT APPLICABLE (no degraded sea grass habitats)	# = Y N	3	2	1	5	2	3	4	3
Objective III: IMPROVING UNDERSTANDING OF MARINE TURTLE ECOLOGY AND POPULATIONS										
3.1	Studies on marine turtles and their habitats		WIO		NWIO		NIO		SEA	
3.1.2	Have long-term monitoring programs (i.e. of at least 10 years duration) been initiated or planned for priority marine turtle populations frequenting the territory of your country? [IND, BPR] YES NO UNSURE Please give details of the nature, duration and continuity of these programs.	# = Y N	7	1	6	1	5	0	7	0
3.1.3	Has the genetic identity of marine turtle populations in your country been characterised? [INF, PRI] YES NO UNSURE Please give details (e.g. which species, which populations?).	# = Y N	5	3	1	5	2	3	6	1

3.1.4	Which of the following methods have been or are being used to try to identify migration routes of turtles? Use the text boxes to provide additional details. [INF, PRI]				WIO		NWIO		NIO		SEA	
	a) Tagging YES NO	# = Y N	7	1	6	1	5	0	7	0		
	b) Satellite tracking YES NO	# = Y N	4	4	2	5	4	1	7	0		
3.1.5	Have studies been carried out on marine turtle population dynamics and survival rates (e.g. including studies into the survival rates of incidentally caught and released turtles)? [INF, PRI] YES NO UNSURE	# = Y N	3	4	5	2	3	2	3	3		
3.1.6	Has research been conducted on the frequency and pathology of diseases in marine turtles? [INF, PRI] YES NO UNSURE	# = Y N	3	4	1	6	0	4	4	3		
3.1.7	Is the use of traditional ecological knowledge in research studies being promoted? [BPR, PRI] YES NO NOT APPLICABLE	# = Y N	7	0	4	2	4	1	2	3		
3.2.2	On which of the following themes have <i>collaborative</i> studies and monitoring been conducted? Use the text boxes to describe the nature of this international collaboration or to clarify your response. Answer 'NO' if the studies/monitoring undertaken do not involve <i>international</i> collaboration. [INF, PRI]				WIO		NWIO		NIO		SEA	
	a) Genetic identity YES, NO, NOT APPLICABLE	# = Y N	6	1	1	3	0	3	5	2		
	b) Conservation status YES, NO, NOT APPLICABLE	# = Y N	4	2	1	4	1	3	4	2		
	c) Migrations YES, NO, NOT APPLICABLE	# = Y N	6	1	3	2	2	2	6	0		
	d) Other biological and ecological aspects YES, NO, NOT APPLICABLE	# = Y N	5	2	1	4	1	3	3	1		
3.3	Data analysis and applied research											

3.3.1	List, in order of priority, the marine turtle populations in your country in need of conservation actions, and indicate their population trends. [PRI]													
3.3.2	Are research and monitoring activities, such as those described above in Section 3.1, periodically reviewed and evaluated for their efficacy? [SAP] YES NO UNSURE	# = Y N	3	2		3	3		2	2		5	2	
OBJECTIVE IV: INCREASE PUBLIC AWARENESS OF THE THREATS TO MARINE TURTLES AND THEIR HABITATS, AND ENHANCE PUBLIC PARTICIPATION IN CONSERVATION ACTIVITIE														
4.1.2	Which of the following groups have been the targets of these focused education and awareness programs described in above in Section 4.1.1? [PRI, INF]				WIO		NWIO			NIO			SEA	
	Policy makers	YES NO UNSURE	# = Y N	5	0		3	0		2	0		4	0
	Fishing industry	YES NO UNSURE	# = Y N	2	0		1	0		1	0		4	0
	Local/Fishing communities	YES NO UNSURE	# = Y N	7	0		5	0		5	0		6	0
	Indigenous groups	YES NO UNSURE	# = Y N	2	0		1	0		2	0		2	1
	Tourists	YES NO UNSURE	# = Y N	6	0		3	0		4	0		4	0
	Media	YES NO UNSURE	# = Y N	6	0		5	0		5	0		5	0
	Teachers	YES NO UNSURE	# = Y N	5	0		5	0		4	0		7	0
	Students	YES NO UNSURE	# = Y N	8	0		6	0		5	0		7	0
	Military, Navy, Police	YES NO UNSURE	# = Y N	3	0		3	0		1	0		3	1
	Scientists	YES NO UNSURE	# = Y N	5			4			2			2	
OBJECTIVE V: ENHANCE NATIONAL, REGIONAL AND INTERNATIONAL COOPERATION														
5.1	Collaboration with, and assistance to, signatory and non-signatory States				WIO		NWIO			NIO			SEA	

5.1.1	Has your country undertaken a national review of its compliance with Convention on International Trade in Endangered Species (CITES) obligations in relation to marine turtles? [SAP] YES NO NOT APPLICABLE	# = Y N	4	2	2	2	3	1	5	1
5.1.2	Does your country have, or participate/cooperate in, CITES training programs for relevant authorities? [SAP] YES NO NOT APPLICABLE	# = Y N	5	0	3	4	4	1	6	1

5.2.3		Please indicate, from your country's standpoint, the extent to which the following <i>local</i> management issues require <i>international</i> cooperation in order to achieve progress. [PRI] In other words, how important is international cooperation for addressing these issues?									
			WIO		NWIO		NIO		SEA		
1	Habitat studies ESSENTIAL, IMPORTANT, LIMITED, NOT AT ALL	# = E I	4	3	2	1	1	3	5	0	
2	Identification of migration routes ESSENTIAL, IMPORTANT, LIMITED, NOT AT ALL	# = E I	3	4	1	2	0	1	2	3	
3	Training / capacity-building ESSENTIAL, IMPORTANT, LIMITED, NOT AT ALL	# = E I	3	4	0	4	2	2	3	1	
3	Genetics studies ESSENTIAL, IMPORTANT, LIMITED, NOT AT ALL	# = E I	3	3	1	2	0	3	2	2	
4	Illegal fishing in territorial waters ESSENTIAL, IMPORTANT, LIMITED, NOT AT ALL	# = E I	3	2	0	2	1	1	3	2	
4	Enforcement/patrolling of territorial waters ESSENTIAL, IMPORTANT, LIMITED, NOT AT ALL	# = E I	4	2	2	3	1	1	0	4	
4	Tagging / satellite tracking ESSENTIAL, IMPORTANT, LIMITED, NOT AT ALL	# = E I	3	3	5	1	0	2	0	3	
5	Identification of turtle populations ESSENTIAL, IMPORTANT, LIMITED, NOT AT ALL	# = E I	4	3	1	3	3	1	2	3	
6	Development of gear technology ESSENTIAL, IMPORTANT, LIMITED, NOT AT ALL	# = E I	3	2	1	1	2	2	2	2	
6	Oil spills, pollution, marine debris ESSENTIAL, IMPORTANT, LIMITED, NOT AT ALL	# = E I	5	1	2	1	2	2	1	4	
7	Incidental capture by foreign fleets ESSENTIAL, IMPORTANT, LIMITED, NOT AT ALL	# = E I	5	2	4	1	2	2	1	4	

7	Hunting/harvest by neighboring countries	ESSENTIAL, IMPORTANT, LIMITED, NOT AT ALL	# = E I I	5	1	2	2	1	3	1	4
8	Alternative livelihood development	ESSENTIAL, IMPORTANT, LIMITED, NOT AT ALL	# = E I I	6	1	2	3	3	1	5	1
9	Poaching, illegal trade in turtle products	ESSENTIAL, IMPORTANT, LIMITED, NOT AT ALL	# = E I I	5	1	0	6	2	1	2	3

Table 3. IOSEA Regional Summary

OBJECTIVE 1: REDUCE DIRECT AND INDIRECT CAUSES OF MARINE TURTLE MORTALITY																			
1.3.2	Which of these adverse economic incentives are underlying threats to marine turtles in your country? [TSH]																		
		Y	N	NA	B	n	Raw Rank	(Y)/(n-B) = Rank											
	High prices commended by from turtle products relative to other commodities	YES	NO	5	1	0	22	28	3	0.83	2	High 'Y' ==> Identification of ' Need' /' Problem'							
	Lack of affordable alternatives to turtle products	YES	NO	5	1	0	22	28	3	0.83	2								
	Ease of access to the turtle resource (eg. by virtue of proximity or ease of land/water access)	YES	NO	14	0	0	14	28	1	1.00	1								
	Low cost of land near nesting beaches	YES	NO	4	1	0	23	28	4	0.80	3								
	Low penalties against illegal harvesting	YES	NO	11	0	0	17	28	2	1.00	1								
High 'Y' ==> Identification of ' Need' /' Problem'										High 'Effort' ==> Identification of ' Need' /' Problem'									
High 'Impact' ==> Identification of ' Need' /' Problem'										High 'Impact' ==> Identification of ' Need' /' Problem'									
1.4.1	Indicate, and describe in more detail, the main fisheries occurring in the waters of your country, as well as any high seas fisheries in which flag vessels of your country participate and interact with marine turtles.																		
		Y	N	NA	B	n	Raw Rank	(Y)/(n-B) = Rank											
1.4.1	a) Shrimp trawls	YES	NO	20	7	0	1	28	3	0.74	2								
1.4.2	Fishing effort: RELATIVELY HIGH, MODERATE, RELATIVELY LOW, NONE, UNKNOWN																		
1.4.2	Perceived impact: RELATIVELY HIGH, MODERATE, RELATIVELY LOW, NONE, UNKNOWN																		
1.4.1	b) Set gill nets	YES	NO	24	3	0	1	28	2	0.89	1								
1.4.2	Fishing effort: RELATIVELY HIGH, MODERATE, RELATIVELY LOW, NONE, UNKNOWN																		
1.4.2	Perceived impact: RELATIVELY HIGH, MODERATE, RELATIVELY LOW, NONE, UNKNOWN																		
1.4.1	c) Anchored Fish Aggregating Devices (FADs)	YES	NO	9	12	1	6	28	5	0.41	5								
1.4.2	Fishing effort: RELATIVELY HIGH, MODERATE, RELATIVELY LOW, NONE, UNKNOWN																		
1.4.2	Perceived impact: RELATIVELY HIGH, MODERATE, RELATIVELY LOW, NONE, UNKNOWN																		
1.4.1	d) Purse seine (with or without FADs)	YES	NO	17	7	0	4	28	4	0.71	3								
1.4.2	Fishing effort: RELATIVELY HIGH, MODERATE, RELATIVELY LOW, NONE, UNKNOWN																		
1.4.2	Perceived impact: RELATIVELY HIGH, MODERATE, RELATIVELY LOW, NONE, UNKNOWN																		
1.4.1	e) Longline (shallow or deepset)	YES	NO	25	3	0	0	28	1	0.89	1								
1.4.2	Fishing effort: RELATIVELY HIGH, MODERATE, RELATIVELY LOW, NONE, UNKNOWN																		
1.4.2	Perceived impact: RELATIVELY HIGH, MODERATE, RELATIVELY LOW, NONE, UNKNOWN																		
1.4.1	f) Driftnet	YES	NO	13	13	0	2	28	5	0.50	4								
1.4.2	Fishing effort: RELATIVELY HIGH, MODERATE, RELATIVELY LOW, NONE, UNKNOWN																		
1.4.2	Perceived impact: RELATIVELY HIGH, MODERATE, RELATIVELY LOW, NONE, UNKNOWN																		
Effort										H	M	L	N	U	B	n	(H+M)/ Rank	Rank	
Impact										8	6	4	4	1	5	28	0.64	1	Effort
Effort										3	8	6	1	5	5	28	0.61	2	Effort
Impact										9	5	4	2	2	6	28	0.70	1	Impact
Effort										0	4	1	9	6	8	28	0.29	6	Effort
Impact										0	1	2	10	7	8	28	0.08	6	Impact
Effort										1	6	4	3	5	9	28	0.50	4	Effort
Impact										0	2	6	3	7	10	28	0.18	5	Impact
Effort										3	10	9	2	1	3	28	0.54	3	Effort
Impact										3	6	6	2	8	3	28	0.53	3	Impact
Effort										0	7	3	6	2	10	28	0.44	5	Effort
Impact										2	3	3	5	5	10	28	0.38	4	Impact
1.4.4	Which of the following methods are used by your country to minimise incidental capture/mortality of marine turtles in fishing activities? [IND]																		
		Y	N	NA	B	n	Raw Rank	(N)/(n-B) = Rank											
	a) Appropriate handling of incidentally caught turtles (e.g. resuscitation or release by fishers using equipment such as de-hooking, line cutting tools and scoop nets)	YES, NO, UNDER INVESTIGATION, NOT APPLICABLE		15	7	3	3	28	5	0.28	6	High 'N' ==> Identifies ' Need '							
	b) Devices that allow the escape of marine turtles (e.g. turtle excluder devices (TEDs) or other measures that are comparable in effectiveness)	YES, NO, UNDER INVESTIGATION, NOT APPLICABLE		9	10	9	0	28	3	0.36	5								
	c) Measures to avoid encirclement of marine turtles in purse seine fisheries	YES, NO, UNDER INVESTIGATION, NOT APPLICABLE		4	13	9	2	28	2	0.50	2								
	d) Appropriate combinations of hook design, type of bait, depth, gear specifications and fishing practices	YES, NO, UNDER INVESTIGATION, NOT APPLICABLE		7	9	7	5	28	4	0.39	4								
	e) Monitoring and recovery of fish aggregating devices (FADs)	YES, NO, UNDER INVESTIGATION, NOT APPLICABLE		7	10	7	4	28	3	0.42	3								
	f) Net retention and recycling schemes	YES, NO, UNDER INVESTIGATION, NOT APPLICABLE		3	14	6	5	28	1	0.61	1								
	g) Spatial and temporal control of fishing (e.g. seasonal closures of fishing activities)	YES, NO, UNDER INVESTIGATION, NOT APPLICABLE		18	5	4	1	28	6	0.19	7								
	h) Effort management control	YES, NO, UNDER INVESTIGATION, NOT APPLICABLE		14	4	6	4	28	7	0.17	8								

1.4.5		Which of the following programmes has your country developed - in consultation with the fishing industry and fisheries management organisations - to promote implementation of measures to minimise incidental capture and mortality of turtles in national waters and in the high seas?										(N)/(n-B) = Rank		High ' N ' ==> Identifies ' Need '								
		Y	N	NA	B	n	Raw Rank															
		a) Onboard observer programmes	YES, NO, NOT APPLICABLE	13	9	3	3	28	2	0.36	2											
		b) Vessel monitoring systems	YES, NO, NOT APPLICABLE	10	11	2	5	28	1	0.48	1											
		c) Inspections (i.e. at sea, in port, at landing sites)	YES, NO, NOT APPLICABLE	22	2	1	3	28	4	0.08	5											
		d) Training programmes / workshops to educate fishers	YES, NO, NOT APPLICABLE	26	2	0	0	28	3	0.07	3											
		e) Informative videos, brochures, printed guidelines etc.	YES, NO, NOT APPLICABLE	21	3	0	4	28	4	0.13	4											
1.5		Addressing harvest of, and trade in, marine turtles; and protection of habitat										High ' Y ' ==> Identifies ' Need '		High ' H ', ' H+M ' ==> " Need "								
1.5.2		Which, among the following list, are economic uses and cultural values of marine turtles in your country? [INF] RELATIVE PREVALENCE / IMPORTANCE										(Y)/(n-B) = Rank		H M L UK n		(H+M)/(n-u) Rank		=Y+H+M Rank				
		Y	N	NA	B	n	Raw Rank															
		Meat consumption	YES, NO	HIGH, MODERATE, LOW, UNKNOWN	7	8	0	0	15	2	0.47	1	2	4	7	0	13	28	0.46	4	13	2
		Egg consumption	YES, NO	HIGH, MODERATE, LOW, UNKNOWN	6	7	0	0	13	3	0.46	2	2	7	6	0	15	28	0.60	3	15	1
		Shell products	YES, NO	HIGH, MODERATE, LOW, UNKNOWN	5	13	0	0	18	4	0.28	5	1	1	8	0	10	28	0.20	6	7	5
		Fat consumption	YES, NO	HIGH, MODERATE, LOW, UNKNOWN	4	18	0	0	22	5	0.18	7	0	1	5	0	6	28	0.17	7	5	6
		Traditional medicine	YES, NO	HIGH, MODERATE, LOW, UNKNOWN	8	12	0	0	20	1	0.40	3	0	2	6	0	8	28	0.25	5	10	3
		Eco-tourism programmes	YES, NO	HIGH, MODERATE, LOW, UNKNOWN	5	10	0	0	15	4	0.33	4	3	7	3	0	13	28	0.77	1	15	1
		Cultural / traditional significance	YES, NO	HIGH, MODERATE, LOW, UNKNOWN	3	13	0	1	17	6	0.19	6	3	4	3	1	11	28	0.70	2	10	4
1.5.3		Please indicate the relative level and impact of traditional harvest on marine turtles and their eggs. [IND, TSH]										(RH + M)/(n-B) = Rank		High ' H ', ' H+M ' ==> " Need "								
		RH	M	L	N	UK	B	n	Raw Rank													
		Level of harvest: RELATIVELY HIGH, MODERATE, RELATIVELY LOW, NONE, UNKNOWN	3	8	8	4	1	4	28	0.46	1											
		Impact of harvest: RELATIVELY HIGH, MODERATE, RELATIVELY LOW, NONE, UNKNOWN	2	8	6	5	3	4	28	0.42	2											
		High ' N ' ==> Identifies ' Need '										High ' L ' ==> " Need "										
1.6.1		First, tick one of the boxes at left to indicate whether or not your country has any of the following measures in place to minimise the mortality of eggs, hatchlings and nesting females. If yes, then estimate the relative effectiveness of these measures. [IND, SAP] RELATIVE EFFECTIVENESS										(N)/(n-B) = Rank		E G L UK B n		(L)/(n-B) Rank		=N+L Rank				
		Y	N	NA	B	n	Raw Rank															
		Monitoring/protection programmes	YES, NO, N/A	EXCELLENT, GOOD, LOW, UNKNOWN	5	1	1	2	9	7	0.14	7	2	11	5	1	2	19	0.29	6	6	6
		Education/awareness programmes	YES, NO, N/A	EXCELLENT, GOOD, LOW, UNKNOWN	6	2	0	2	10	6	0.25	6	2	13	2	1	2	18	0.13	8	4	7
		Egg relocation/hatcheries	YES, NO, N/A	EXCELLENT, GOOD, LOW, UNKNOWN	4	5	3	2	14	5	0.42	5	1	10	2	0	2	13	0.18	7	7	5
		Predator control	YES, NO, N/A	EXCELLENT, GOOD, LOW, UNKNOWN	2	6	4	3	15	4	0.50	4	0	7	4	2	3	13	0.40	3	10	3
		Vehicle / access restrictions	YES, NO, N/A	EXCELLENT, GOOD, LOW, UNKNOWN	3	5	4	2	14	5	0.42	5	1	6	6	1	2	14	0.50	2	11	2
		Removal of debris / clean-up	YES, NO, N/A	EXCELLENT, GOOD, LOW, UNKNOWN	5	2	1	3	11	6	0.25	6	2	10	4	1	3	17	0.29	6	6	6
		Re-vegetation of frontal dunes	YES, NO, N/A	EXCELLENT, GOOD, LOW, UNKNOWN	2	8	5	4	19	2	0.53	3	1	3	4	1	4	9	0.80	1	12	1
		Building location/design regulations	YES, NO, N/A	EXCELLENT, GOOD, LOW, UNKNOWN	5	7	0	4	16	3	0.58	2	3	5	3	1	4	12	0.38	4	10	4
		Light pollution reduction	YES, NO, N/A	EXCELLENT, GOOD, LOW, UNKNOWN	4	9	1	4	18	1	0.64	1	1	6	2	1	4	10	0.33	5	11	2
1.6.2		Has your country undertaken any evaluation of its nest and beach management programmes? [SAP] YES NO NOT APPLICABLE										(N)/(n-B) =		High ' N ' ==> Identifies ' Need '								
		Y	N	NA	B	n	Raw Rank															
		15	6	3	3	27		0.25														

OBJECTIVE II: PROTECT, CONSERVE AND REHABILITATE MARINE TURTLE HABITATS										
2.1 Measures to protect and conserve marine turtle habitats		Y	N	NA	B	n	Raw Rank	(N)/(n-B) =	Rank	
2.1.2	Are assessments routinely made of the environmental impact of marine and coastal development on marine turtles and their habitats? [IND, SAP] YES NO NOT APPLICABLE	17	9	1	1	28	1	0.33	2	High ' N ' ==> Identifies ' Need '
2.1.3	Is marine water quality (including marine debris) monitored near turtle habitats? If yes, describe the nature of this monitoring and any remedial measures that may have been taken. [SAP] YES NO NOT APPLICABLE	14	9	3	2	28	1	0.54	1	
2.1.4	Are measures in place to prohibit the use of poisonous chemicals and explosives? [SAP] YES NO NOT APPLICABLE	23	1	0	4	28	2	0.96	3	
2.2 Rehabilitation of degraded marine turtle habitats		Y	N	NA	B	n	Raw Rank	(N)/(n-B) =	Rank	
2.2.1	Are efforts being made to recover degraded coral reefs? If yes, give details (location, duration, effectiveness, lessons learned, future plans etc). [IND, SAP] YES NO NOT APPLICABLE (no degraded coral reefs)	15	8	3	2	28	2	0.31	2	High ' N ' ==> Identifies ' Need '
2.2.2	Are efforts being made to recover degraded mangrove habitats that are important for turtles?	18	3	5	2	28	3	0.12	3	
2.2.3	Are efforts being made to recover degraded sea grass habitats? If yes, give details (location, duration, effectiveness, lessons learned, future plans etc.). [IND, SAP] YES NO NOT APPLICABLE (no degraded sea grass habitats)	10	13	2	3	28	1	0.52	1	
Objective III: IMPROVING UNDERSTANDING OF MARINE TURTLE ECOLOGY AND POPULATIONS										
3.1 Studies on marine turtles and their habitats		Y	N	U	B	n	Raw Rank	(N)/(n-B) =	Rank	
3.1.2	Have long-term monitoring programmes (i.e. of at least 10 years duration) been initiated or planned for priority marine turtle populations frequenting the territory of your country? [IND, BPR] YES NO UNSURE Please give details of the nature, duration and continuity of these programmes.	25	2	0	1	28	1	0.07	2	High ' N ' ==> Identifies ' Need '
3.1.3	Has the genetic identity of marine turtle populations in your country been characterised? [INF, PRI] YES NO UNSURE Please give details (e.g. which species, which populations?).	14	12	0	2	28	2	0.46	1	
3.1.4	Which of the following methods have been or are being used to try to identify migration routes of turtles? Use the text boxes to provide additional details. [INF, PRI]									
	a) Tagging YES NO	25	2	0	1	28	1	0.93	1	High ' Y ' ==> Identifies ' Methods used '
	b) Satellite tracking YES NO	17	10	0	1	28	2	0.63	2	
3.1.5	Have studies been carried out on marine turtle population dynamics and survival rates (e.g. including studies into the survival rates of incidentally caught and released turtles)? [INF, PRI] YES NO UNSURE	14	11	1	2	28	2	0.42	2	High ' N ' ==> Identifies ' Need '
3.1.6	Has research been conducted on the frequency and pathology of diseases in marine turtles? [INF, PRI] YES NO UNSURE	8	17	1	2	28	1	0.65	1	
3.1.7	Is the use of traditional ecological knowledge in research studies being promoted? [BPR, PRI] YES NO NOT APPLICABLE	17	6	2	3	28	3	0.24	3	

Table 4. Species in need of priority conservation action identified by IOSEA Signatory States based on information supplied in section 3.3.1 of the Country Reports.

3.3 Data analysis and applied research List, in order of priority, the marine turtle populations in your country in need of conservation actions, and indicate their population trends.							
IOSEA Sub-Region	Country	CC	LO	CM	EI	DC	ND
WIO	Comoros			1	2		
	Kenya		3	1	2		
	Madagascar	1		2	4	3	
	Mauritius			1	2		
	Mozambique		3	1	2		
	Seychelles			1	2		
	Somalia						
	South Africa	2		3		1	
	United Republic of Tanzania			2	1		
	NWIO	Bahrain			1	2	
Djibouti							
Egypt							
Eritrea		4	3	2	1	4	
Islamic Republic of Iran				1	2		
Jordan				2	1		
Kuwait							
Oman							
Qatar							
Saudi Arabia				1	2		
Sudan							
United Arab Emirates				2	1		
Yemen				1	2		
NIO	Bangladesh			2	1		
	India		1	4	3	2	
	Maldives			1	2		

	Myanmar						
	Pakistan						
	Sri Lanka	3	5	4	1	2	
	Thailand		1	3	2		
SEA	Brunei Darussalam						
	Cambodia						
	Indonesia			1		2	
	Malaysia		2	3	4	1	
	Papua New Guinea					1	
	Philippines		2	1			
	Timor Leste						
	Viet Nam	1	3	5	4	2	

Appendix I. Comments on Questions posed as the basis of the Country Reports

The comments are meant to indicate the need for additional information or the inclusion of a relative scale to better define the answers to the questions.

OBJECTIVE I: REDUCE DIRECT AND INDIRECT CAUSES OF MARINE TURTLE MORTALITY		Comments
1.3.2	Which of these adverse economic incentives are underlying threats to marine turtles in your country? [TSH]	
	High prices commended by from turtle products relative to other commodities " YES " NO	
	Lack of affordable alternatives to turtle products " YES " NO	Limited list
	Ease of access to the turtle resource (e.g.. by virtue of proximity or ease of land/water access) " YES " NO	no relativity among answers
	Low cost of land near nesting beaches " YES " NO	needs R H M L additional clarification
	Low penalties against illegal harvesting " YES " NO	
	Other 1	
	Other 2	
1.4 Reduction of incidental capture and mortality		
1.4.1	Indicate, and describe in more detail, the main fisheries occurring in the waters of your country, as well as any high seas fisheries in which flag vessels of your country participate and interact with marine turtles.	All countries need help with
1.4.1	a) Shrimp trawls " YES " NO	
1.4.2	Fishing effort: " RELATIVELY HIGH " MODERATE " RELATIVELY LOW " NONE " UNKNOWN	defining and reporting fisheries documents should be cited
1.4.2	Perceived impact: " RELATIVELY HIGH " MODERATE " RELATIVELY LOW " NONE " UNKNOWN	
1.4.1	b) Set gill nets " YES " NO	
1.4.2	Fishing effort: " RELATIVELY HIGH " MODERATE " RELATIVELY LOW " NONE " UNKNOWN	All questions should have the same format of relative terms

1.4.2	Perceived impact: " RELATIVELY HIGH " MODERATE " RELATIVELY LOW " NONE " UNKNOWN	Y/N separate from RH M RL N
1.4.1	<i>c) Anchored Fish Aggregating Devices (FADs)</i> " YES " NO	
1.4.2	Fishing effort: " RELATIVELY HIGH " MODERATE " RELATIVELY LOW " NONE " UNKNOWN	Perceived by whom?
1.4.2	Perceived impact: " RELATIVELY HIGH " MODERATE " RELATIVELY LOW " NONE " UNKNOWN	
1.4.1	<i>d) Purse seine (with or without FADs)</i> " YES " NO	
1.4.2	Fishing effort: " RELATIVELY HIGH " MODERATE " RELATIVELY LOW " NONE " UNKNOWN	
1.4.2	Perceived impact: " RELATIVELY HIGH " MODERATE " RELATIVELY LOW " NONE " UNKNOWN	
1.4.1	<i>e) Longline (shallow or deepset)</i> " YES " NO	
1.4.2	Fishing effort: " RELATIVELY HIGH " MODERATE " RELATIVELY LOW " NONE " UNKNOWN	
1.4.2	Perceived impact: " RELATIVELY HIGH " MODERATE " RELATIVELY LOW " NONE " UNKNOWN	
1.4.1	<i>f) Driftnet</i> " YES " NO	
1.4.2	Fishing effort: " RELATIVELY HIGH " MODERATE " RELATIVELY LOW " NONE " UNKNOWN	
1.4.2	Perceived impact: " RELATIVELY HIGH " MODERATE " RELATIVELY LOW " NONE " UNKNOWN	
1.4.1	<i>g) Other2 (from 1.4.1):</i> " YES " NO	
1.4.2	Fishing effort: " RELATIVELY HIGH " MODERATE " RELATIVELY LOW " NONE " UNKNOWN	
1.4.2	Perceived impact: " RELATIVELY HIGH " MODERATE " RELATIVELY LOW " NONE " UNKNOWN	
1.4.1	<i>h) Other2 (from 1.4.1):</i> " YES " NO	
1.4.2	Fishing effort: " RELATIVELY HIGH " MODERATE " RELATIVELY LOW " NONE " UNKNOWN	
1.4.2	Perceived impact: " RELATIVELY HIGH " MODERATE " RELATIVELY LOW " NONE " UNKNOWN	

	UNKNOWN	
1.4.4	Which of the following methods are used by your country to minimise incidental capture/mortality of marine turtles in fishing activities? [IND]	defining and documenting illegal fishing
	a) Appropriate handling of incidentally caught turtles (e.g. resuscitation or release by fishers using equipment such as de-hooking, line cutting tools and scoop nets) YES NO UNDER INVESTIGATION or NOT APPLICABLE	All need supporting documentation and citations
	b) Devices that allow the escape of marine turtles (e.g. turtle excluder devices (TEDs) or other measures that are comparable in effectiveness) YES NO UNDER INVESTIGATION or NOT APPLICABLE	handling of incidentally caught turtles
	c) Measures to avoid encirclement of marine turtles in purse seine fisheries YES NO UNDER INVESTIGATION or NOT APPLICABLE	TEDs
	d) Appropriate combinations of hook design, type of bait, depth, gear specifications and fishing practices YES NO UNDER INVESTIGATION or NOT APPLICABLE	to avoid encirclement of marine turtles in purse seine
	e) Monitoring and recovery of fish aggregating devices (FADs) YES NO UNDER INVESTIGATION or NOT APPLICABLE	hook design and use
	f) Net retention and recycling schemes YES NO UNDER INVESTIGATION or NOT APPLICABLE	
	g) Spatial and temporal control of fishing (e.g. seasonal closures of fishing activities) YES NO UNDER INVESTIGATION or NOT APPLICABLE	to reduce 'ghost net' fishing
	h) Effort management control YES NO NOT APPLICABLE	
	Other	
1.4.5	Which of the following programs has your country developed - in consultation with the fishing industry and fisheries management organisations - to promote implementation of measures to minimise incidental capture and mortality of turtles I national waters and in the high seas?	answers imply but without documentation or relativity scale, effectiveness is not captured
	a) Onboard observer programs YES NO NOT APPLICABLE	Details are lacking for all
	b) Vessel monitoring systems YES NO NOT APPLICABLE	
	c) Inspections (i.e. at sea, in port, at landing sites) YES NO NOT APPLICABLE	
	d) Training programs / workshops to educate fishers YES NO NOT	

1.6.1	First, tick one of the boxes at left to indicate whether or not your country has any of the following measures in place to minimise the mortality of eggs, hatchlings and nesting females. If yes, then estimate the relative effectiveness of these measures. [IND, SAP] RELATIVE EFFECTIVENESS		
	Monitoring/protection programs GOOD " YES " NO " N/A " EXCELLENT " " LOW " UNKNOWN		Methods need clarification: how to gather this information
	Education/awareness programs GOOD " YES " NO " N/A " EXCELLENT " " LOW " UNKNOWN		
	Egg relocation/hatcheries " YES " NO " N/A " EXCELLENT " GOOD " LOW " UNKNOWN		Requires question that separates answers between yes/n and level of use
	Predator control " YES " NO " N/A " EXCELLENT " GOOD " LOW " UNKNOWN		3 level relative scale
	Vehicle / access restrictions " YES " NO " N/A " EXCELLENT " GOOD " LOW " UNKNOWN		
	Removal of debris / clean-up " YES " NO " N/A " EXCELLENT " GOOD " LOW " UNKNOWN		
	Re-vegetation of frontal dunes GOOD " YES " NO " N/A " EXCELLENT " " LOW " UNKNOWN		
	Building location/design regulations GOOD " YES " NO " N/A " EXCELLENT " " LOW " UNKNOWN		
	Light pollution reduction " YES " NO " N/A " EXCELLENT " GOOD " LOW " UNKNOWN		
1.6.2	Has your country undertaken any evaluation of its nest and beach management programs? [SAP] YES " NO " NOT APPLICABLE		Y sounds good but standard for evaluation needs to be identified
			N implies needs
OBJECTIVE II: PROTECT, CONSERVE AND REHABILITATE MARINE TURTLE HABITATS			
2.1 Measures to protect and conserve marine turtle habitats			
2.1.2	Are assessments routinely made of the environmental impact of marine and coastal development on marine turtles and their habitats? [IND, SAP] " YES " NO " NOT APPLICABLE		Habitat Assessment

2.1.3	Is marine water quality (including marine debris) monitored near turtle habitats? If yes, describe the nature of this monitoring and any remedial measures that may have been taken. [SAP] " YES " NO " NOT APPLICABLE	Methods need to be identified
2.1.4	Are measures in place to prohibit the use of poisonous chemicals and explosives? [SAP] " YES " NO " NOT APPLICABLE	What measures
2.2 Rehabilitation of degraded marine turtle habitats		
2.2.1	Are efforts being made to recover degraded coral reefs? If yes, give details (location, duration, effectiveness, lessons learned, future plans etc.). [IND, SAP] " YES " NO " NOT APPLICABLE (no degraded coral reefs)	habitat rehab
2.2.2	Are efforts being made to recover degraded mangrove habitats that are important for turtles?	
2.2.3	Are efforts being made to recover degraded sea grass habitats? If yes, give details (location, duration, effectiveness, lessons learned, future plans etc.). [IND, SAP] " YES " NO " NOT APPLICABLE (no degraded sea grass habitats)	
OBJECTIVE III: IMPROVING UNDERSTANDING OF MARINE TURTLE ECOLOGY AND POPULATIONS		
3.1 Studies on marine turtles and their habitats		
3.1.2	Have <i>long-term</i> monitoring programs (i.e. of at least 10 years duration) been initiated or planned for priority marine turtle populations frequenting the territory of your country? [IND, BPR] " YES " NO " UNSURE Please give details of the nature, duration and continuity of these programs.	documents & reports should be cited
3.1.3	Has the genetic identity of marine turtle populations in your country been characterized? [INF, PRI] " YES " NO " UNSURE Please give details (e.g. which species, which populations?).	
3.1.4	Which of the following methods have been or are being used to try to identify migration routes of turtles? Use the text boxes to provide additional details. [INF, PRI]	
	a) Tagging " YES " NO	sources of methods
	b) Satellite tracking " YES " NO	
	" Other (list and provide details):	
	" None of the above	

3.1.5	Have studies been carried out on marine turtle population dynamics and survival rates (e.g. including studies into the survival rates of incidentally caught and released turtles)? [INF, PRI] " YES " NO " UNSURE	documents & reports should be cited
3.1.6	Has research been conducted on the frequency and pathology of diseases in marine turtles? [INF, PRI] " YES " NO " UNSURE	documents & reports should be cited
3.1.7	Is the use of traditional ecological knowledge in research studies being promoted? [BPR, PRI] YES " NO " NOT APPLICABLE	documents & reports should be cited
3.2 Collaborative research and monitoring		
3.2.2	On which of the following themes have <i>collaborative</i> studies and monitoring been conducted? Use the text boxes to describe the nature of this international collaboration or to clarify your response. Answer 'NO' if the studies/monitoring undertaken do not involve <i>international</i> collaboration. [INF, PRI]	
	a) Genetic identity " YES " NO " NOT APPLICABLE	documents & reports should be cited
	b) Conservation status " YES " NO " NOT APPLICABLE	documents & reports should be cited
	c) Migrations " YES " NO " NOT APPLICABLE	documents & reports should be cited
	d) Other biological and ecological aspects " YES " NO " NOT APPLICABLE	documents & reports should be cited
3.3 Data analysis and applied research		
3.3.1	List, in order of priority, the marine turtle populations in your country in need of conservation actions, and indicate their population trends. [PRI]	Based on what criteria?
3.3.2	Are research and monitoring activities, such as those described above in Section 3.1, periodically reviewed and evaluated for their efficacy? [SAP] " YES " NO " UNSURE	Which methods?
OBJECTIVE IV: INCREASE PUBLIC AWARENESS OF THE THREATS TO MARINE TURTLES AND THEIR HABITATS, AND ENHANCE PUBLIC PARTICIPATION IN CONSERVATION ACTIVITIES		
4.1 Public education, awareness and information programs		
4.1.2	Which of the following groups have been the targets of these focused education and awareness programs described in above in Section 4.1.1? [PRI, INF]	
	Policy makers " YES " NO " UNSURE	who has received training? Number? Evaluation of training and follow up need to be defined

	Fishing industry " NO " UNSURE	" YES	
	Local/Fishing communities " YES " NO " UNSURE		who needs training
	Indigenous groups YES " NO " UNSURE	"	
	Tourists " UNSURE	" YES " NO	Y implies at least some training has occurred but
	Media " UNSURE	" YES " NO	no details are elicited
	Teachers " UNSURE	" YES " NO	
	Students " UNSURE	" YES " NO	
	Military, Navy, Police YES " NO " UNSURE	"	
	Scientists " UNSURE	" YES " NO	
	Other (describe):		
	None of the above		
OBJECTIVE V: ENHANCE NATIONAL, REGIONAL AND INTERNATIONAL COOPERATION			
5.1 Collaboration with, and assistance to, signatory and non-signatory States			
5.1.1	Has your country undertaken a national review of its compliance with Convention on International Trade in Endangered Species (CITES) obligations in relation to marine turtles? [SAP] " YES " NO " NOT APPLICABLE		Based on which standards
5.1.2	Does your country have, or participate/cooperate in, CITES training programs for relevant authorities? [SAP] " YES " NO " NOT APPLICABLE		
5.2 Prioritization, development and implementation of national action plans			
5.2.2	From your country's perspective, which conservation and management activities, and/or which particular sites or locations, ought to be among the highest priorities for action?		

	(List up to 10 activities from the IOSEA Conservation and Management Plan). [PRI]		
5.2.3	Please indicate, from your country's standpoint, the extent to which the following <i>local</i> management issues require <i>international</i> cooperation in order to achieve progress. [PRI] In other words, how important is international cooperation for addressing these issues?		
	Illegal fishing in territorial waters NOT AT ALL	“ ESSENTIAL “ IMPORTANT “ LIMITED “	need to identify methods used to assess these
	Incidental capture by foreign fleets “ NOT AT ALL	“ ESSENTIAL “ IMPORTANT “ LIMITED	Need to identify data source(s) of each
	Enforcement/patrolling of territorial waters LIMITED “ NOT AT ALL	“ ESSENTIAL “ IMPORTANT “	outcome of studies
	Hunting/harvest by neighboring countries LIMITED “ NOT AT ALL	“ ESSENTIAL “ IMPORTANT “	Follow up action needs to be clarified
	Poaching, illegal trade in turtle products LIMITED “ NOT AT ALL	“ ESSENTIAL “ IMPORTANT “	
	Development of gear technology NOT AT ALL	“ ESSENTIAL “ IMPORTANT “ LIMITED “	
	Oil spills, pollution, marine debris NOT AT ALL	“ ESSENTIAL “ IMPORTANT “ LIMITED “	
	Training / capacity-building AT ALL	“ ESSENTIAL “ IMPORTANT “ LIMITED “ NOT	
	Alternative livelihood development “ NOT AT ALL	“ ESSENTIAL “ IMPORTANT “ LIMITED	
	Identification of turtle populations “ NOT AT ALL	“ ESSENTIAL “ IMPORTANT “ LIMITED	
	Identification of migration routes NOT AT ALL	“ ESSENTIAL “ IMPORTANT “ LIMITED “	
	Tagging / satellite tracking AT ALL	“ ESSENTIAL “ IMPORTANT “ LIMITED “ NOT	
	Habitat studies	“ ESSENTIAL “ IMPORTANT “ LIMITED “ NOT AT ALL	

	Genetics studies	“ ESSENTIAL “ IMPORTANT “ LIMITED “ NOT AT ALL	
5.3 Cooperation and information exchange			
5.3.1	Identify existing frameworks/organisations that are, or could be, useful mechanisms for cooperating in marine turtle conservation at the sub-regional level. Please comment on the strengths of these instruments, their capacity to take on a broader coordinating role, and any efforts your country has made to enhance their role in turtle conservation. [INF, BPR]		cite the report / plan / documents
5.3.2	Has your country developed, or is it participating in, any networks for cooperative management of shared turtle populations? [BPR, INF] “ YES “ NO “ NOT APPLICABLE		cite the report / plan / documents
5.3.3	What steps has your country taken to encourage Regional Fishery Bodies (RFBs) to adopt marine turtle conservation measures within Exclusive Economic Zones (EEZs) and on the high seas? Please describe the interventions made in this regard, referring to specific RFBs. [SAP]		cite the report / plan / documents
5.4 Capacity-building			cite the report / plan / documents
5.4.1	Describe your country’s needs, in terms of human resources, knowledge and facilities, in order to build capacity to strengthen marine turtle conservation measures. [PRI]		cite the report / plan / documents
5.4.2	Describe any training provided in marine turtle conservation and management techniques (e.g. workshops held, training manuals produced etc.), and indicate your plans for the coming year. [PRI, INF]		cite the report / plan / documents
5.4.3	Specifically in relation to capacity-building, describe any partnerships developed or planned with universities, research institutions, training bodies and other relevant organisations. [BPR]		cite the report / plan / documents
5.5 Enforcement of conservation legislation			cite the report / plan / documents

5.5.1	National policies and laws concerning the conservation of marine turtles and their habitats will have been described in Section 1.5.1. Please indicate their effectiveness, in terms of their practical application and enforcement. [SAP, TSH]	cite the report / plan / documents
5.5.2	Has your country conducted a review of policies and laws to address any gaps, inconsistencies or impediments in relation to marine turtle conservation? If not, indicate any obstacles encountered in this regard and when this review is expected to be done. [SAP] " YES " NO " UNSURE	cite the report / plan / documents
5.5.3	From the standpoint of law enforcement, has your country experienced any difficulties achieving cooperation to ensure compatible application of laws across and between jurisdictions? [TSH] " YES " NO " UNSURE	Identify problems