

SESSION 4: Regional Plan of Action: Opportunities and Challenges**COORDINATION MECHANISMS**

Challenges	Solutions
<ul style="list-style-type: none"> ▪ In-country arrangements (NCC and in country coordination are essential for regional coordination mechanisms to be effective) 	
<ul style="list-style-type: none"> ▪ Good coordination arrangements long-term are essential to instil confidence 	
<ul style="list-style-type: none"> ▪ Strengthening the Secretariat (increase to 5-8 positions) 	<ul style="list-style-type: none"> ▪ Already being progressed by USAID and NGO Consortium
<ul style="list-style-type: none"> ▪ Post-Manado governance arrangements need to be developed leading up to Manado ▪ Partner/donor forum needs to coordinate with CT6 	
<ul style="list-style-type: none"> ▪ Coordination of science information is a key challenge 	
<ul style="list-style-type: none"> ▪ Coordination matters will be discussed at CCC4 including working groups ▪ Coordination working group preliminary papers due Jan (Financial arrangements, Monitoring and Evaluation, Donor coordination) 	
<ul style="list-style-type: none"> ▪ No coordination mechanisms – among partners, between partners and secretariat, between parties and CT6 nations 	<ul style="list-style-type: none"> ▪ Develop coordination mechanism for partners
<ul style="list-style-type: none"> ▪ Idea for partner scientific group 	
<ul style="list-style-type: none"> ▪ NCC not working properly yet 	<ul style="list-style-type: none"> ▪ Establishment of NCC and CTI National Secretariat

MONITORING AND EVALUATION

	Challenges	Working together (opportunities)
Goal 1 – Priority Seascapes designated & effectively managed	<ul style="list-style-type: none"> ▪ Need for common understanding of ‘seascape’ (short-term) ▪ Establishment of national processes for seascape designation (short-term) 	<ul style="list-style-type: none"> ▪ Forum/workshop to agree system for recognition of priority seascapes ▪ Micronesian Challenge – a potential example ▪ Agreement on indicators
Goal 2 – EAFM and other marine resources fully applied	<ul style="list-style-type: none"> ▪ Standardisation of monitoring approaches among CT6 ▪ Assessment of status of broad areas (i.e. reef fisheries) given large areas and limited data ▪ Need to work through communities where resources are locally owned ▪ Improving enforcement (including monitoring) at the local level ▪ MPA’s may be indicators of reef fisheries management 	<ul style="list-style-type: none"> ▪ Agreement on indicators of sustainable fishing practices ▪ Share information on what programs are working effectively.
Goal 3 – MPAs established and effectively managed	<ul style="list-style-type: none"> ▪ Need to cater for a range of categories of MPAs (e.g. different types of declaration) ▪ Limited data on habitat covered – including for baseline purposes ▪ Difficulty in measuring ‘management effectiveness’ across six countries ▪ Management of data 	<ul style="list-style-type: none"> ▪ Enhanced capacity for data collection, management and storage through sharing experiences and jointly seeking. ▪ Building on existing databases (World Commission on Protected Areas; WorldFish Centre; Reef Base)
Goal 4 – Climate change adaptation measures achieved	<ul style="list-style-type: none"> ▪ Need for a common understanding of ‘adaptation measures’ – importance of defining these measures 	
Goal 5 – Threatened species status improving	<ul style="list-style-type: none"> ▪ Difficulties in doing IUCN category listings at the national level 	<ul style="list-style-type: none"> ▪ Other systems (IUCN) for monitoring status of species

ATTACHMENT B: BREAK OUT SUMMARY – SESSION 4

	Challenges	Working together (opportunities)
Common challenges	<ul style="list-style-type: none"> ▪ Ensuring a common understanding of what needs to be monitored ▪ Coming to common agreement on indicators ▪ Working at national levels to add up to the regional ▪ Baseline data is lacking on most goals ▪ Development of national and international information systems eg standardised data collection, management and storage, common format. 	<ul style="list-style-type: none"> ▪ Opportunities to learn from one another where countries already have established monitoring and evaluation systems. Eg Philippines as case studies or training opportunities

GOAL 1: SEASCAPES – Integrated marine resource management and governance

	CHALLENGE	WORKING TOGETHER SOLUTIONS
Short-term (Pre-Manado)	<ul style="list-style-type: none"> ▪ Need definition of ‘Seascape’; (Is not thoroughly understood across the CTI (CI definition) <p>Criteria:</p> <ul style="list-style-type: none"> - Biogeographical approach - Spawning distribution - Migration routes - High immediate risk areas 	<ul style="list-style-type: none"> ▪ CTI Secretariat need to articulate the seascape definition. ▪ Synthesize existing data to accomplish this quickly – will point to data gaps that will direct longer-term scientific research and needs
Longer-term	<ul style="list-style-type: none"> ▪ Different institutional framework and differences not thoroughly understood 	<ul style="list-style-type: none"> ▪ Regional collaboration and coordination between fora and bodies including recognition of existing strategies. e.g. RFMOs
	<ul style="list-style-type: none"> ▪ Level of capacity differs between CT6 	<ul style="list-style-type: none"> ▪ Provide training ▪ Awareness Building
	<ul style="list-style-type: none"> ▪ Different values -ecological, socio-economic, cultural, population, political 	<ul style="list-style-type: none"> ▪ Sharing of information;
	<ul style="list-style-type: none"> ▪ Timing – recognition of a realistic medium term timeframe required from the outset (3-5 yr) 	<ul style="list-style-type: none"> ▪ Awareness building; Sharing of information
	<ul style="list-style-type: none"> ▪ Funding difficult to set, especially if the value of seascapes is not understood 	<ul style="list-style-type: none"> ▪ Adequate funding and awareness building ▪ Collaboration with external bodies
	<ul style="list-style-type: none"> ▪ Implementation of enforcement and monitoring can be difficult 	<ul style="list-style-type: none"> ▪ Development of joint monitoring endeavours

GOAL 2: EAFM - Ecosystem Approach to Fisheries Management

	Challenges	Opportunities
Opportunities for working together to achieve the goals and targets in the Regional Plan of Action	Coordinating group under CTI <ul style="list-style-type: none"> ▪ Data collation ▪ Communication ▪ Coordination between regional bodies and countries 	Examine the case for a fisheries support unit
Plan of Action Goal 2 Target 1 Action 1 Develop a common regional framework for legislation and policy	<ul style="list-style-type: none"> ▪ Review legislation, identify gaps ▪ Identify common areas for best practise legislation ▪ Recommend areas for strengthening 	Pre-Manado <ul style="list-style-type: none"> ▪ Individual countries to undertake review of legislation Post-Manado <ul style="list-style-type: none"> ▪ Appoint consultant to review legislation at a regional level – through secretariat or relevant partners or experts
Action 2 Improve enforcement of IUU fishing through greater collaboration	<ul style="list-style-type: none"> ▪ Review joint enforcement operations with a view to identifying where these could be expanded (Niwa treaty???) ▪ Public awareness campaign on IUU fishing ▪ Coordination of operational data between CT countries e.g. black-listed vessels or companies ▪ Vessel registry 	
Target 3 Ensure exploitation of shared tuna stocks is sustainable	<ul style="list-style-type: none"> ▪ Identify affected areas e.g. nurseries, spawning aggregation sites ▪ Identify loss/needs of community/individuals 	
EAFM implementation	<ul style="list-style-type: none"> ▪ Implementation specific to each country ▪ How to implement ▪ Interactions with RFMOs – look at existing management organisations 	<ul style="list-style-type: none"> ▪ Hold workshop to discuss EAFM implementation – with relevant experts and fisheries managers ▪ Form a working group for EAFM implementation – within national secretariat – to review policies, drive initiatives, bring about fisheries management concepts ▪ Will the Regional CTI secretariat hold a EAFM coordinator

ATTACHMENT B: BREAK OUT SUMMARY – SESSION 4

	Challenges	Opportunities
	<ul style="list-style-type: none"> ▪ How do we get EAFM understood by CT6 and how do we implement? ▪ What are the prerequisites to getting it functioning in each country? ▪ How to move forwards? ▪ We are not starting from scratch, some countries have management plans but some are species-based and lack components that make them cater for ecosystem based management 	

GOAL 3: MARINE PROTECTED AREAS (MPAs)

Regional Action	Pre Manado	Post Manado	Challenges
1. Establish goals, objectives & principles for a CTI MPA network	<ul style="list-style-type: none"> ▪ Create working group for MPAs ▪ Announce overarching goals & objectives at Ministerial meeting – high level, overarching e.g. ‘Protect a significant area of the coral triangle in protected areas for biodiversity conservation and sustainable livelihoods...’ ▪ Clarify formation and role of technical working group – could request they coordinate the development of the goals and principles ▪ Need to look at goals of existing MPAs in CT countries 	<ul style="list-style-type: none"> ▪ Detail of design elements and principles, processes ▪ Develop plan for how communities will be engaged/consulted – part of overarching CTI communications plan 	<ul style="list-style-type: none"> ▪ What elements make up effective MPAs ▪ Timeframe for developing goals & design principles ▪ - may need to be longer whilst countries develop enabling legislation ▪ Legislative structures not in place ▪ Decide on proposal for Manila ▪ Close the gap – bring all countries up to the same level (information, legislation, processes) ▪ Identify / decide whether all MPAs in each country will form part of network or not ▪ Coordination of effort – need to develop MPA working group for CTI?
2. CTI MPA network map	<ul style="list-style-type: none"> ▪ Collating existing best available data – using CT Atlas group (currently 6 partners) 	<ul style="list-style-type: none"> ▪ Develop network map using CT Atlas as a planning tool 	<ul style="list-style-type: none"> ▪ Information shortages ▪ Link to seascapes work
3. Capacity building	<ul style="list-style-type: none"> ▪ Gather good examples for each regional action ▪ Make inventory of available resources/experts/training and capability building efforts (use NGO consortium, plus in country identification) 	<ul style="list-style-type: none"> ▪ Training regional officers ▪ Link with general CTI capacity building programs ▪ Expand existing information networks 	<ul style="list-style-type: none"> ▪ Capacity for each country to engage in process (particularly before Manado) ▪ How to link with the scientific advisory group (and how that will be set up)
4. Sustainable financing	<ul style="list-style-type: none"> ▪ Gather good examples of sustainable financing ▪ Link with development of overarching CTI sustainable financial framework 	<ul style="list-style-type: none"> ▪ Develop sustainable financing plans for the MPA network 	<ul style="list-style-type: none"> ▪ Getting it! (internally and externally)
5. Transboundary MPAs	<ul style="list-style-type: none"> ▪ Look at existing examples e.g. SSME – use as an example ▪ Use other international examples – South 	<ul style="list-style-type: none"> ▪ Reliant on goals, objectives etc – possibly use seascapes to further 	

ATTACHMENT B: BREAK OUT SUMMARY – SESSION 4

Regional Action	Pre Manado	Post Manado	Challenges
	America, Africa etc	understand needs	
6. Public/private partnerships	<ul style="list-style-type: none"> ▪ Gather examples from within and outside the region 	<ul style="list-style-type: none"> ▪ Link to rest of CTI initiatives 	

GOAL 4: CLIMATE CHANGE

CTI Regional Plan of Action: Goal 4	Climate Change Adaptation	Needs	Challenges	Opportunities: Pre-Manado	Opportunities: Post-Manado																											
Target 1	<ul style="list-style-type: none"> Region-wide early action plan for cc adaptation 																															
RA 1	<ul style="list-style-type: none"> ID adaptation measures - common to CT countries - PRIORITY 	<ul style="list-style-type: none"> Biophysical VA Socio-economic VA - IMPERFECT INFO - URGENT 	<ul style="list-style-type: none"> "Rapid" Vulnerability assessment (VA) models? Socioeconomic VA models - available Country - pre-manado Local - more time, post Manado 	<table border="1"> <thead> <tr> <th colspan="3">"Assume everything =</th> </tr> <tr> <th>VA</th> <th>Bio</th> <th>S/E</th> </tr> </thead> <tbody> <tr> <td>TL</td> <td>? (TNC)</td> <td>✓</td> </tr> <tr> <td>SI</td> <td>?</td> <td>✓</td> </tr> <tr> <td>PNG</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>PHI</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>IND</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>MALO</td> <td>✓</td> <td>✓</td> </tr> <tr> <td colspan="3">ID high priority forest / coastal</td> </tr> </tbody> </table>	"Assume everything =			VA	Bio	S/E	TL	? (TNC)	✓	SI	?	✓	PNG	✓	✓	PHI	✓	✓	IND	✓	✓	MALO	✓	✓	ID high priority forest / coastal			<ul style="list-style-type: none"> MPA Network - Maximise resilience - Chronic Stressors
"Assume everything =																																
VA	Bio	S/E																														
TL	? (TNC)	✓																														
SI	?	✓																														
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IND	✓	✓																														
MALO	✓	✓																														
ID high priority forest / coastal																																
		<ul style="list-style-type: none"> Regional consequences - Global model downscaling 																														
RA 2	<ul style="list-style-type: none"> ID adaptation measures - by country 	<ul style="list-style-type: none"> Torres Strait ☐ Solomon Islands X PNG ☐ Philippines ☐ Malaysia ☐ Indonesia (partial) 	<ul style="list-style-type: none"> "Alternative livelihoods" - Assisted migration 	<ul style="list-style-type: none"> Geospatial energy use - case study - PNG 	<ul style="list-style-type: none"> REFORESTATION - Link between deforestation - Coastal processes High value reefs 																											
RA 3	<ul style="list-style-type: none"> Region-wide cc AoP - ADAPT 	<ul style="list-style-type: none"> ID and coord of funds and resource opportunities 	<ul style="list-style-type: none"> Multiple scales - Linkages 		<ul style="list-style-type: none"> WATER QUALITY - Sedimentation -Run off 																											

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CTI Regional Plan of Action: Goal 4	Climate Change Adaptation	Needs	Challenges	Opportunities: Pre-Manado	Opportunities: Post-Manado
		(CT/Donors)			
RA 4	<ul style="list-style-type: none"> Capacity and needs assessment 	<ul style="list-style-type: none"> Policy development coordination - Institutional capacity 	<ul style="list-style-type: none"> Knowledge capacity both CT countries and more broadly 	<ul style="list-style-type: none"> Share capacity - building knowledge 	<ul style="list-style-type: none"> RENEWABLE RESOURCE USE
RA 5	<ul style="list-style-type: none"> Resources and collaboration 	<ul style="list-style-type: none"> Communication and awareness 	<ul style="list-style-type: none"> Linked Coordination efforts - CT - Donors - Partners 	<ul style="list-style-type: none"> Sharing resources - minimise 'double up' - mapping for 'AU' related initiatives 	<ul style="list-style-type: none"> ADAPTIVE CAPACITY ASSESSMENT i) Flexibility ii) Learning iii) Social organisation iv) assets
					<ul style="list-style-type: none"> LINKAGE TO MITIGATION
Target 2	Challenges	Opportunities			
RA 1	<ul style="list-style-type: none"> Finite number of experts 	<ul style="list-style-type: none"> SOM 3 / CCC4 - January Plan for centre of expertise - announcement of 'pilot project' 			
	<ul style="list-style-type: none"> Lessons from other collaborative expert countries 	<ul style="list-style-type: none"> Knowledge management network 			
	<ul style="list-style-type: none"> Funds ongoing - 	<ul style="list-style-type: none"> Map of "different" 			

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CTI Regional Plan of Action: Goal 4	Climate Change Adaptation	Needs	Challenges	Opportunities: Pre-Manado	Opportunities: Post-Manado
	infrastructure - coordination	funding sources for cc adaptation in CT			
	<ul style="list-style-type: none"> ▪ ID country specific needs for capacity and knowledge 	<ul style="list-style-type: none"> ▪ Linkage between CTI & Pacific adaptation (dcc) 			
	<ul style="list-style-type: none"> ▪ Location(s) within CT 	<ul style="list-style-type: none"> ▪ Virtual centres 			
	<ul style="list-style-type: none"> ▪ International / National facilitators 	<ul style="list-style-type: none"> ▪ Linkages to ADB/ GEF intercountry coord 			

GOAL 5: THREATENED SPECIES

1. Regional versus sub-regional priorities

Species	Indonesia	Malaysia	Philippines	PNG	SI	TL	Regional
Turtles	X	X	X	X	X	X	CT6
Sharks and Rays	X	X	X	?	X	X	CT5?
Marine mammals	X	X	X	X	X	X	CT6
Grouper and Wrasse	X	X	X	?	X	X	CT5?
Seabirds	X	?	X	?	?	?	CT2?
Invertebrates	X	X	X	X	X	X	CT6
Mangroves	X	X	X	X	?	X	Ct5?

2. Threats

Species	Commercial exploitation	Subsistence exploitation	Habitat destruction	Bycatch	Pollution/Marine Debris/Derelict fishing	Climate change
Turtles	X	X	X	X	X	X
Sharks / Rays	X	X	?	X	X	X
Marine mammals	No	X (Indonesia, Philippines)	X	X	X	X
Grouper and Wrasse	X	X	X	No	?	X
Seabirds	No	X	X	X	X	X
Invertebrates Corals	X	X	X	No	X	X
Mangroves	X	X	X	No	X	X

3. Existing Collaboration, Challenges and Initiatives: Sea Turtles

ATTACHMENT B: BREAK OUT SUMMARY – SESSION 4

Existing Collaboration	
<ul style="list-style-type: none"> ▪ SSME Species Subcommittee ▪ TIHPA ▪ SEAFDEC 	<ul style="list-style-type: none"> ▪ IOSEA ▪ BSSE ▪ CMS
Challenges	Initiatives
<ul style="list-style-type: none"> ▪ Communication between/among government agencies and/or countries (e.g. TIHPA) 	<ul style="list-style-type: none"> ▪ NGO facilitation ▪ Establish collaboration
<ul style="list-style-type: none"> ▪ Contact persons per country not clear 	<ul style="list-style-type: none"> ▪ Definition of TORS and creation of TWGs
<ul style="list-style-type: none"> ▪ Lack of funding at the regional level 	<ul style="list-style-type: none"> ▪ NGO facilitation ▪ Within country grouping and coordination
<ul style="list-style-type: none"> ▪ Documentation of lessons learned and best practices 	<ul style="list-style-type: none"> ▪ CT6 'voice' in global forum (e.g. sea turtle symposium in February 2009, Brisbane) ▪ [Note: SSME species subcommittee meeting to meet NOW]
<ul style="list-style-type: none"> ▪ Standard reporting 	<ul style="list-style-type: none"> ▪ Website reporting (IOSEA?)
<ul style="list-style-type: none"> ▪ Conservation status of sea turtles 	<ul style="list-style-type: none"> ▪ Red List Assessment of species at the regional level