

**SESSION 3: National CTI Programs: Challenges and Needs****INDONESIA**

<b>Challenge</b>	<b>Solutions</b>
Need to ensure CTI becomes a priority at national, district and local levels	<ul style="list-style-type: none"> <li>• Work closely with all relevant departments and agencies at the national and local levels.</li> <li>• Long term plan formally adopted by national planning agency Bappenas</li> </ul>
Ensure effective and useful MPAs operational at all scales, particularly given population pressures and demands on resources	<ul style="list-style-type: none"> <li>• Smaller scale pilot activities to test approaches and demonstrate successes while avoiding strong competition in heavily populated areas</li> <li>• Public awareness campaign to raise understanding of the benefits of and need for MPAs.</li> </ul>
Lack of funding to achieve ambitious CTI targets	<ul style="list-style-type: none"> <li>• Develop stronger sustainable financing plans</li> <li>• Invite new donors as partners to CTI</li> </ul>
Capacity building to ensure adequate human resources to deliver goals	<ul style="list-style-type: none"> <li>• Ensure better coordinated and more effective capacity building – review existing activities to ensure prioritised and coordinated.</li> <li>• Increase the focus on capacity building at the local-level.</li> </ul>
Poverty reduction	<ul style="list-style-type: none"> <li>• Develop approaches to demonstrate potential for poverty reduction through sustainable management of marine resources (achieve buy-in at the local level)</li> </ul>
Law enforcement	<ul style="list-style-type: none"> <li>• Develop better public awareness programs on existing and emerging regulations</li> </ul>

**MALAYSIA**

	<b>Challenges</b>	<b>Solution</b>
1.	<b>Institutional issues</b> <ul style="list-style-type: none"> <li>▪ Intra-government coordination – how to make CTI a priority at the national level, not just the state level</li> <li>▪ For CTI, only 1 out of 14 States borders the ecological boundary of the CTI, therefore, difficult to get Federal Government buy-on</li> <li>▪ Different Ministries and agencies at different levels e.g. State fisheries, State MPAs, Federal fisheries, Oceanography Directorate, etc.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Establish a national CTI coordinating committee by Dec 08 (utilise development partners input and support)</li> <li>▪ But to do so need capacity – solution: employ staff to institute set up of committee</li> </ul>
2.	<b>Capacity issues</b> <ul style="list-style-type: none"> <li>▪ Lack of staff and technical expertise</li> </ul>	<ul style="list-style-type: none"> <li>▪ Employ staff, particularly those with threatened species taxonomy expertise (Dec 08)</li> <li>▪ Utilise staff exchanges, regional, national and international – people with experience to come to Malaysia for a term. Train others</li> <li>▪ Targeted training programs (longer term solution)</li> </ul>
3.	<b>Funding issues</b> <ul style="list-style-type: none"> <li>▪ Needs to be flexible to cover all of Malaysia not just the area included in the CTI boundary</li> <li>▪ Regional – Broad CTI</li> <li>▪ National Plan of Actions</li> </ul>	<ul style="list-style-type: none"> <li>▪ Immediate funding available for NPOA – countries must apply through NGOs. NGOs received funding from USAID/State Department 2009</li> <li>▪ Regional funding available from ADB and GEF 2009</li> </ul>
4.	<b>Information Sharing</b> <ul style="list-style-type: none"> <li>▪ Links to capacity, having staff, expertise exchange</li> <li>▪ Training, data and information exchange</li> <li>▪ Also about using info from successful CTI projects to engage Federal Malaysian Government in CTI. If Government can see how well CTI works elsewhere – will assist in getting buy-on.</li> <li>▪ Need for capacity building – higher education, transfer of knowledge</li> </ul>	<ul style="list-style-type: none"> <li>▪ Identify successful CTI projects (e.g. SSME)</li> <li>▪ Engage national government with CTI</li> </ul>
5.	<b>Lack of political will for sustainable development</b> <ul style="list-style-type: none"> <li>▪ Need to create societal wellbeing for island and coastal communities</li> </ul>	<ul style="list-style-type: none"> <li>▪ Formulate high impact programs or projects</li> <li>▪ Effective implementation of ‘pilot projects’</li> </ul>

ATTACHMENT B: BREAK OUT SUMMARY – SESSION 3A

	<b>Challenges</b>	<b>Solution</b>
	<ul style="list-style-type: none"> <li>▪ Lack of institutional support for island and coastal communities</li> <li>▪ Need an integrated management plan for coastal and marine resources</li> <li>▪ Adaptation to climate change</li> <li>▪ Have champions at national level be benchmark at national and international level</li> </ul>	
6.	<p><b>Other challenges</b></p> <ul style="list-style-type: none"> <li>▪ Coastal development – economic drivers vs environmental consequences – Effective, coordinated and integrated management of marine resources for the coasts and islands.</li> <li>▪ Beach erosion and sedimentation issues</li> <li>▪ Sustainable use and management of marine resources for societal well being</li> <li>▪ Need for expertise and international collaborative project management</li> <li>▪ Marine Land-based pollution – need coordination within layers of government</li> <li>▪ Estimation of carrying capacity for tourism developments</li> <li>▪ Develop ecosystem indicators</li> </ul>	<ul style="list-style-type: none"> <li>▪ Need to implement Integrated Coastal Zone Management Plans (which have been developed but not implemented – issues with collaboration and coordination between different agencies)</li> <li>▪ Mitigation strategies e.g. barriers, beach enrichment</li> <li>▪ Utilize staff exchanges/discussions with CTI members/experts</li> <li>▪ International legislation/enforcement may be enhanced by role of CTI</li> </ul>

**PAPUA NEW GUINEA**

<b>Challenge</b>	<b>Need</b>	<b>Solution</b>
<b>Capacity Building</b>		
Mobilise resources for CTI structure ( <i>tactical</i> )	<ul style="list-style-type: none"> <li>▪ People / \$\$</li> <li>▪ Knowledge of external resources</li> </ul>	<ul style="list-style-type: none"> <li>▪ Generate support @ Ministerial level, using networks of partners (including NGOs)</li> <li>▪ Recruit CTI coordinator (external) + support team/resources (approx \$300,000)</li> </ul>
Finalise CTI plan of action ( <i>tactical</i> )	<ul style="list-style-type: none"> <li>▪ NEC to endorse plan</li> </ul>	<ul style="list-style-type: none"> <li>▪ NFA/DEC to coordinate submission to NEC to get PM to endorse &amp; get budget approval</li> </ul>
CTI operational structure / ministerial meeting ( <i>tactical</i> )	<ul style="list-style-type: none"> <li>▪ Develop organising committee</li> <li>▪ Conduct Feb Ministerial meeting</li> </ul>	<ul style="list-style-type: none"> <li>▪ Contract out coordination (consultant?)</li> <li>▪ Funds needed approx \$210,000 (not including SOM3)</li> </ul>
Training professionals/scientists for marine resource management ( <i>strategic</i> )	<ul style="list-style-type: none"> <li>▪ More qualified, experienced staff</li> </ul>	<ul style="list-style-type: none"> <li>▪ Ongoing commitment to human resources.</li> <li>▪ \$ for training professionals – scholarships</li> <li>▪ \$ for support for ongoing positions – CTI coordinator, newly trained managers</li> </ul>
Build effective communication networks ( <i>strategic</i> ) <ul style="list-style-type: none"> <li>▪ learning networks</li> <li>▪ 14 provinces</li> </ul>	<ul style="list-style-type: none"> <li>▪ MoU with provinces specific to CTI (like fisheries MoU) – including tools such as bimonthly newsletter?</li> </ul> ID membership for network	<ul style="list-style-type: none"> <li>▪ Regional exchanges (staff) and workshops – between and within CTI countries (and international exchanges)</li> </ul>
<ul style="list-style-type: none"> <li>▪ Facilities/resources to enhance computers, phone, copy (<i>tactical</i>)</li> <li>▪ Capacity building for all 14 provinces (<i>strategic</i>)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Find out strengths/needs of provinces</li> </ul>	<ul style="list-style-type: none"> <li>▪ Regional workshops to be held</li> </ul>
Information & Science ( <i>strategic</i> )	<ul style="list-style-type: none"> <li>▪ Collate existing information</li> </ul>	<ul style="list-style-type: none"> <li>▪ Information manager</li> </ul>
<b>Community Engagement</b>		
Community understanding of: <ul style="list-style-type: none"> <li>▪ benefits of natural resource management</li> <li>▪ why regulations are made</li> <li>▪ sustainable livelihood options e.g. product quality</li> </ul>	<ul style="list-style-type: none"> <li>▪ Community responsibility for sustainable use – build into traditional practices (? Community rangers?)</li> <li>▪ Education products</li> <li>▪ Education campaign</li> </ul>	<ul style="list-style-type: none"> <li>▪ Produce generic communication materials for communities to customise and distribute.</li> <li>▪ Utilise provincial governments to educate marine resource users.</li> <li>▪ Facilitate learning networks (e.g. LMMAs)</li> <li>▪ Assign and train community champions.</li> </ul>

ATTACHMENT B: BREAK OUT SUMMARY – SESSION 3A

Challenge	Need	Solution
	<ul style="list-style-type: none"> <li>▪ Natural resource management into national curriculum</li> <li>▪ Existing local education in region to expand across provinces</li> </ul>	<ul style="list-style-type: none"> <li>▪ Support local environment education programs</li> <li>▪ Alternative livelihoods programs (training in options).</li> </ul>

**PHILIPPINES**

<b>National Priorities</b>	<b>Key Challenges</b>	<b>Proposed actions to over come key challenges</b>
<b>Institutional mechanism</b> <ul style="list-style-type: none"> <li>• Establish NCC</li> </ul>	<ul style="list-style-type: none"> <li>▪ Overlapping mandates of Government agencies (GAs)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Draft Special Order for the creation of the CTI-NCC (Dateline: Nov 19, 2008)</li> <li>▪ Finalization of the CTI NPOA (Dateline: before February 19, 2009)</li> <li>▪ Conduct of three levels of consultations: 3 island groups, national (DA/DENR)</li> </ul>
<b>Pursue IEC and capacity</b> <ul style="list-style-type: none"> <li>• Available media</li> <li>• Training programs</li> <li>• Establish adaptive mgt tech for learning by doing</li> </ul>	<ul style="list-style-type: none"> <li>▪ Lack of communication among agencies and institutions</li> <li>▪ Need to integrate and analyze data and other information for management</li> </ul>	<ul style="list-style-type: none"> <li>▪ Build capacity for data integration and analysis esp. in the absence of academic institutions</li> <li>▪ Develop integrated database at the national and local/provincial levels.</li> </ul>
<b>Policy:</b> <ul style="list-style-type: none"> <li>• Implementation of EO 533</li> <li>• Compliance with RA 8550 (MPA est)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Inadequate reports on the “state of the coasts” from the provinces</li> <li>▪ Need for an IRR that will integrate the implementation of CTI-RPOA/NPOA with EO 533, which should also entail reporting and accountability to the OP</li> <li>▪ Lack of mechanisms to provide incentives for collaborative efforts</li> <li>▪ Need for policy evaluation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Draft of Special Order for the creation of the Technical Working Group (TWG) to draft the IRR for EO533.</li> <li>▪ Consultations with stakeholder at the local/provincial and national levels on the draft IRR.</li> <li>▪ Tap the research arm of the legislative body (both congress and Senate) for a collaborative review of the policies and endorsement of revisions</li> <li>▪ Tap champions from within the legislative bodies</li> <li>▪ Tap the Legislative-Executive Development Advisory Council (LEDAC) to fast-track the amendment of RA 8550</li> <li>▪ Tuna Summit – private sector/fishery industry - to help push for the agenda at the legislative/executive levels)</li> </ul>
<b>Enforcement/Compliance:</b> <ul style="list-style-type: none"> <li>• Institutionalize governance mechanisms for holistic approach to environmental law compliance/enforcement</li> </ul>	<ul style="list-style-type: none"> <li>▪ Lack of patrol equipment, facilities and supplies (e.g., radios, boats, camera for evidence gathering, fuel)</li> <li>▪ Lack of sustainable financing for law enforcement</li> </ul>	<ul style="list-style-type: none"> <li>▪ Strengthen green courts</li> <li>▪ Design incentive system</li> <li>▪ Promote local stewardships and ownerships</li> <li>▪ Develop information/education program to position fisheries and conservation (i.e., protein food gap)</li> <li>▪ Schedule a regular food summit to showcase status of fisheries</li> </ul>

ATTACHMENT B: BREAK OUT SUMMARY – SESSION 3A

National Priorities	Key Challenges	Proposed actions to over come key challenges
	<ul style="list-style-type: none"> <li>▪ Lack of “political will”</li> <li>▪ Criminalization of almost everything: too many laws; courts overloaded</li> <li>▪ Translation problem: data from “state of the coasts” not translated into management and investment actions</li> </ul>	<p>resources and the challenges (e.g., run by the LMP?)</p> <ul style="list-style-type: none"> <li>▪ Capacity-building of law enforcement agencies</li> <li>▪ Promote and endorse the adoption of the Environmental and Compliance Audits and Award through the Office of the Ombudsman</li> </ul>
<p><b>Financial Mechanisms:</b></p> <ul style="list-style-type: none"> <li>• <b>Effective investments in programs to achieve the CTI objectives</b></li> </ul>	<ul style="list-style-type: none"> <li>▪ Need for investments to link national with local programs/efforts</li> <li>▪ Need for mechanisms to provide incentives to work together</li> </ul>	<ul style="list-style-type: none"> <li>▪ Consider IRA as source of funds (make coastal resource a consideration in determining IRA)</li> <li>▪ Green accounting: credits for protecting their assets</li> <li>▪ Inclusion of CTI- NPOA in the Medium Term Development Plan (MTDP)</li> </ul>

**SOLOMON ISLANDS**

<b>Challenge</b>	<b>Solution</b>	<b>TimeFrame</b>
National PoA unfinished	<ol style="list-style-type: none"> <li>1. Write proposal for donor support in way of support person</li> <li>2. Get support person</li> <li>3. Finish National PoA</li> </ol>	By January
No CTI co-ordinator	<ol style="list-style-type: none"> <li>1. Advertise for position regionally (Solomon Islander)</li> <li>2. Write proposal for donor support to provide funding for this position</li> <li>3. Employ person and establish them in the role</li> </ol>	By January
Legislation Gaps – there are significant gaps in existing legislation that will hinder implementation of CTI activities	<ol style="list-style-type: none"> <li>1. Review legislation and identify gaps.</li> <li>2. Proposal required to seek assistance to employ person to conduct this review</li> </ol>	Write proposal by April under guidance from external consultant working with new CTI co-ordinator
Information systems – no assessment or reporting strategies in place		
CTI dedicated office, staff and infrastructure	<ol style="list-style-type: none"> <li>1. Write proposal to seek funding to support establishment of dedicated office and staff</li> <li>2. Utilise funding to put infrastructure in place and get office up and running</li> </ol>	This proposal and task should receive the highest priority after finishing the PoA and employing a CTI country co-ordinator as it will provide the co-ordination and strategic resources to lead the solutions to address other existing challenges
Database management/ reporting	<ol style="list-style-type: none"> <li>1. Write proposal to seek financial and technical support – this will specifically include training as two Solomon islanders are already assigned to database management although this is not their sole job</li> <li>2. Technical assistance will include guidance on which system to select, establishing operating system</li> <li>3. Organise volunteers to enter existing data.</li> <li>4. Concurrent establishment of reporting requirement for anyone collecting data or research within the Solomon Islands</li> </ol>	

ATTACHMENT B: BREAK OUT SUMMARY – SESSION 3A

Challenge	Solution	TimeFrame
General co-ordination of NGOs and other donor organisations operating within the S.I – concerns raised that across government there is not an awareness	This relates to reporting needs from these organisations – this was their main concern	
Education / Awareness Program	<ol style="list-style-type: none"> <li>1. Write proposal for support for technical support</li> <li>2. Develop community strategy</li> </ol>	
Personnel Capacity	<ol style="list-style-type: none"> <li>1. Write proposal for support</li> <li>2. Bring in to the Solomon’s external consultants to provide in house training of personnel</li> </ol>	

**TIMOR LESTE**

<b>Challenge</b>	<b>Solution</b>
Capacity – Individual, Institutional, Systemic	<ul style="list-style-type: none"> <li>▪ Coordinate training/development programs at district levels</li> <li>▪ Mentoring programs</li> <li>▪ Training of fisheries staff in data analysis and interpretation</li> <li>▪ Creating a management plan</li> </ul>
Information Collection / Analysis	<ul style="list-style-type: none"> <li>▪ Information Sharing</li> </ul>
Food Security	<ul style="list-style-type: none"> <li>▪ Undertake fisheries assessments</li> <li>▪ Increase management capacity</li> <li>▪ Community based initiatives</li> <li>▪ Encourage food diversity</li> <li>▪ Develop alternative livelihood options e.g ecotourism, aquaculture, Tara Bandu</li> </ul>
Infrastructure	<ul style="list-style-type: none"> <li>▪ Internet, computers and peripherals - get funding to obtain these items</li> <li>▪ Unreliable power supply</li> </ul>
Employment	<ul style="list-style-type: none"> <li>▪ Income</li> </ul>
Employment - income	
Literacy	<ul style="list-style-type: none"> <li>▪ Training programs</li> </ul>