



2nd Targeted Workshop for Asia and the Pacific

**Transforming Good Practices from
Demonstration Projects into Scaled-Up
Investments and Financing**

Scaling up Investments in Integrated Coastal Management in the Seas of East Asia

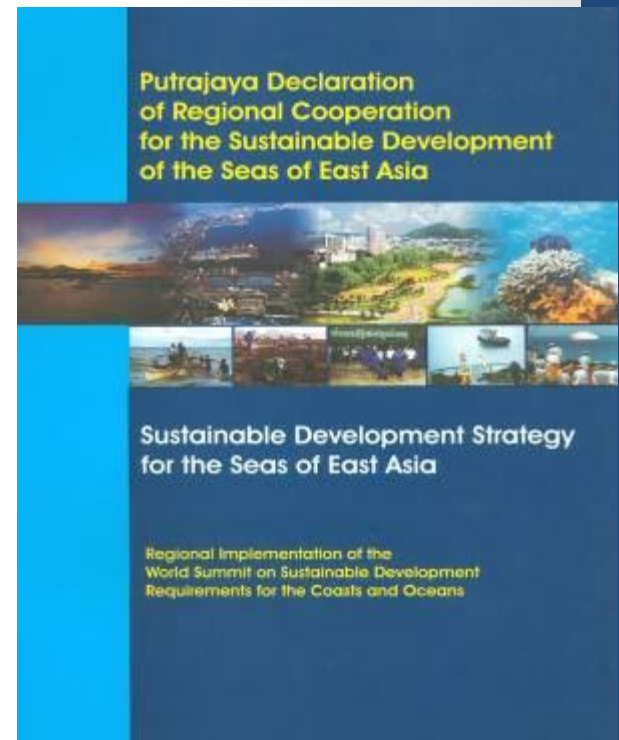
Nancy Bermas-Atrigenio
PEMSEA Resource Facility



IW: LEARN Regional Workshop
Manila, The Philippines
10 – 12 March 2014

Sustainable Development Strategy for the Seas of East Asia (SDS-SEA)

- A product of joint efforts of PEMSEA participating countries and other stakeholders
- A regional declaration of high level commitments to implement a shared vision, strategies and common objectives for sustainable development
- Adopted by 14 countries (12 in 2003 and 2 in 2006)
- 6 strategies and 227 action programs
- Implementation through the ICM framework and process
- Principles, objectives and actions enshrined in global and regional agreements including UNCLOS, Agenda 21, WSSD, MDG, Rio + 20



ICM Scaling up in the East Asian Region

PEMSEA ICM Sites Across the Region



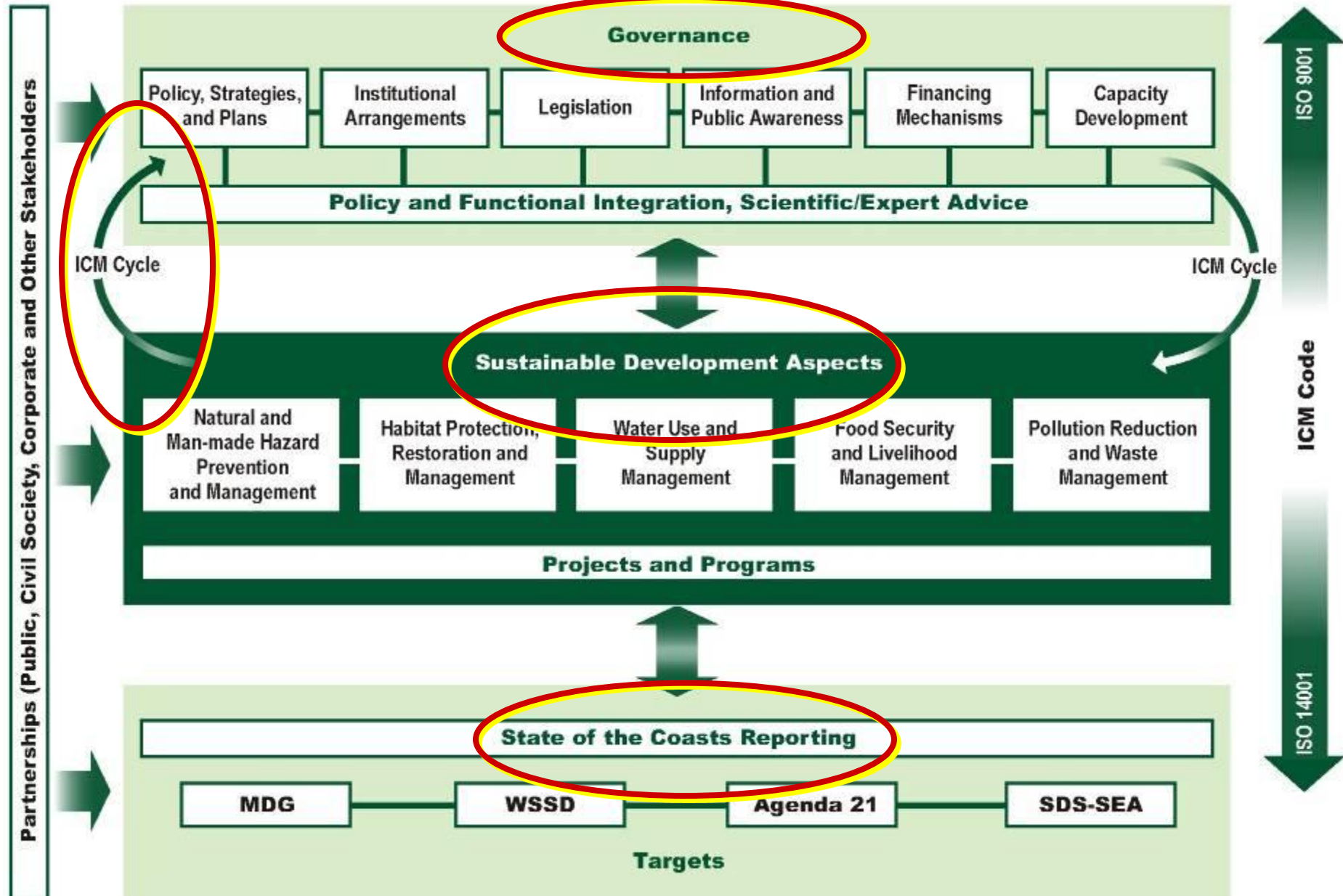
ICM Implementation in East Asia (1993-2013): 12%

Target by 2015: 20%

1993: 2 ICM sites (2 countries)

2013: 35 sites (12 countries)

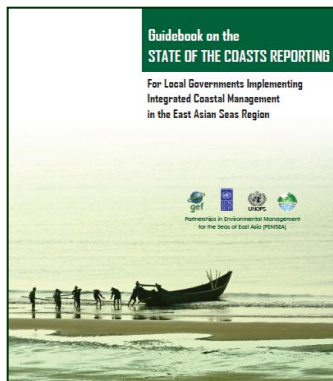
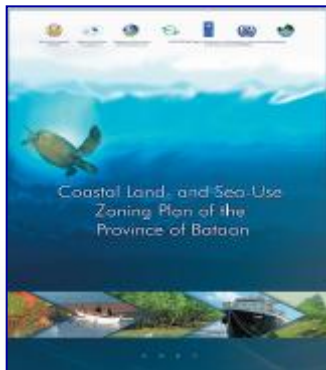
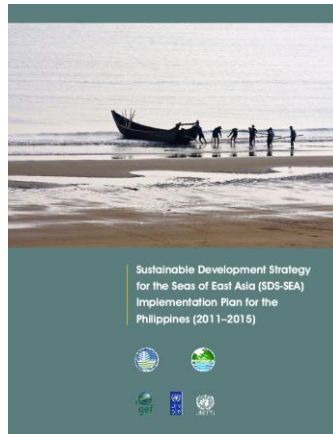
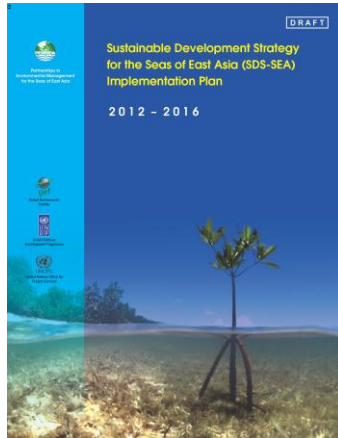
Framework for Sustainable Development of Coastal Areas through ICM Implementation



ICM Program Development and Implementation Cycle



Strategic Approach to ICM Scaling up



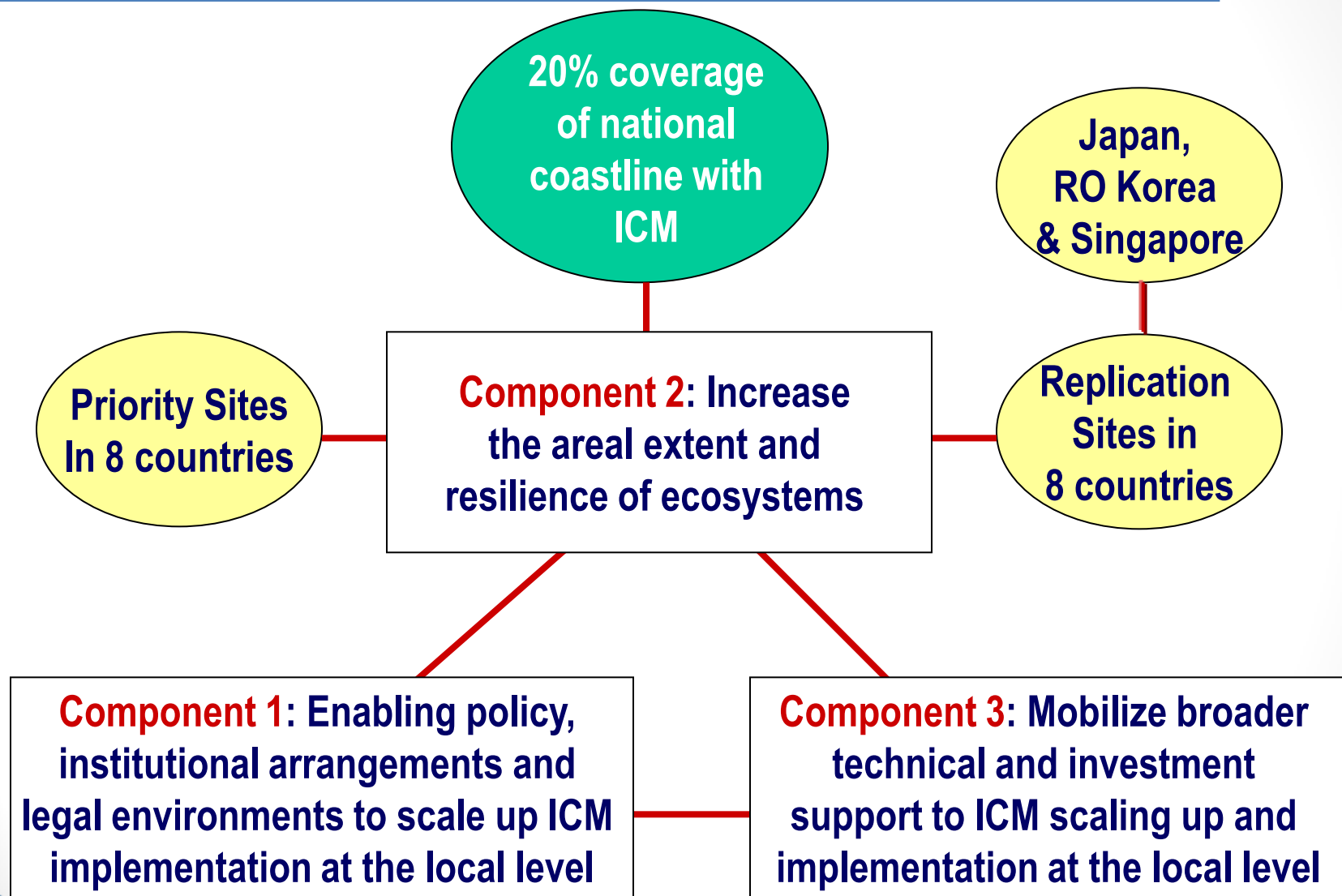
Regional Strategy and Implementation Plan

National SDS-SEA Implementation Plan/ National ICM Program

Coastal Strategy and Implementation Plan

- Priority locations and priority issues
- State of the Coasts reporting
- Good practices
- Local government networking

GEF/UNDP/PEMSEA Project on Scaling up the Implementation of the SDS-SEA (2014-2018)



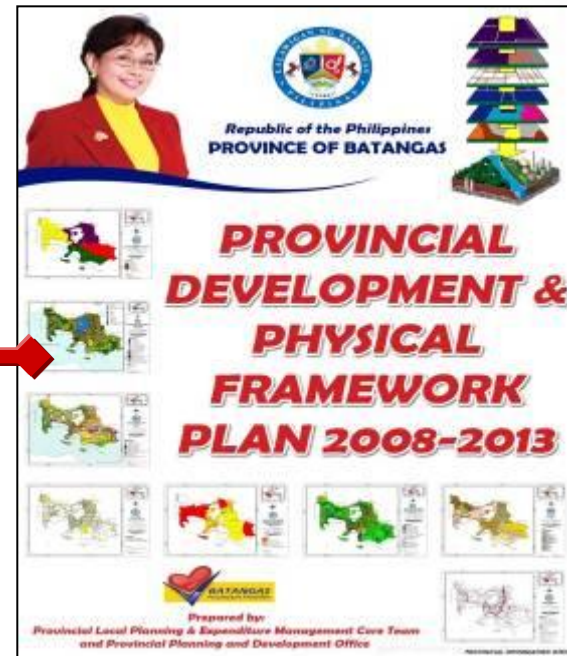
ICM Implementation in the Philippines

| Country ICM Implementation Coverage | Length of Coastline (km) |
|---|--------------------------|
| Batangas Province | 492 |
| Guimaras | 409 |
| Manila Bay (Bataan, Cavite, Pampanga, Bulacan, NCR) | 395.5 |
| Tayabas Bay (Quezon) | 305.7 |
| Macajalar Bay | 176 |
| Camiguin | 55 |
| Ilocos Coast | 596 |
| Palawan | 1,921 |
| Boracay Island | 7 |
| TOTAL | 4,357.2 |

| ICRMP Sites | Length of Coastline (km) |
|----------------------------|--------------------------|
| Region 2 – Cagayan | 1,057 |
| Region 3 – Zambales | 272 |
| Region 4B – Romblon | 384 |
| Region 5 – Masbate | 781 |
| Region 7 – Cebu | 868 |
| Region 7 – Siquijor | 86 |
| Region 11 – Davao Oriental | 460 |
| TOTAL | 3,908 |

- To date, 8,265.2 kms. of coastlines have been covered by Integrated Coastal Management (ICM) Program comprising 22.78% out of the Philippine's total coastlines.
- National ICM Program (2012-2016) adopted.
- ICM activities implemented in 479 out of 822 coastal localities.
- 193 coastal towns/cities has achieved basic benchmarks for coastal resource management.

Mainstreaming of Plans at the Local Level



State of the Coasts Reporting

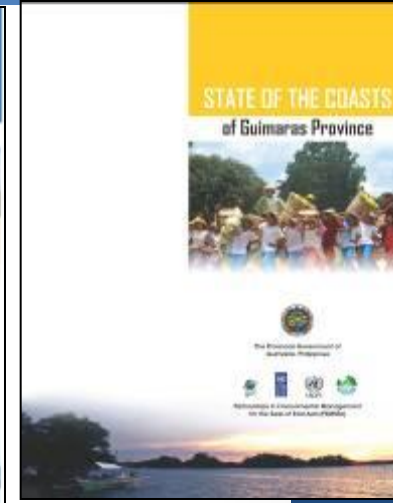
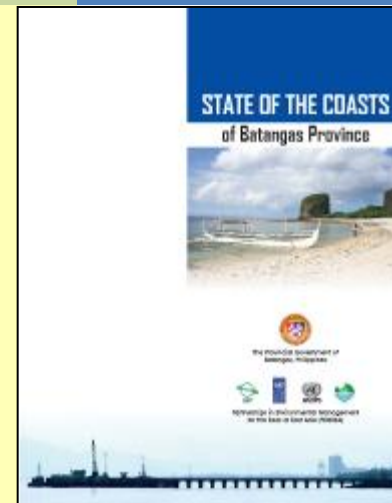
Reporting system to assess the progress and impacts of ICM implementation by local governments using 35 indicators.

State of the Coasts reports published:

- ◆ Philippines (2 sites)
- ◆ RO Korea (1 site)

State of the Coasts reports drafted/initiated:

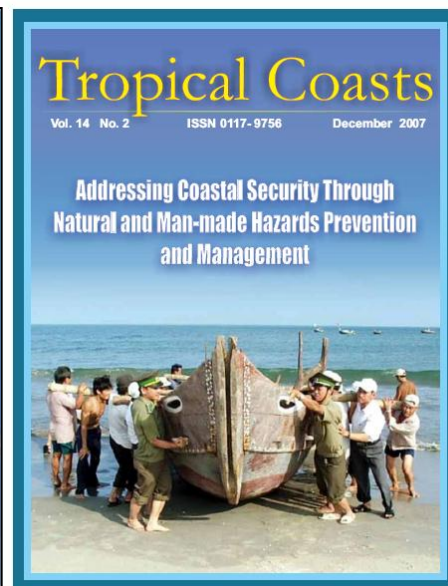
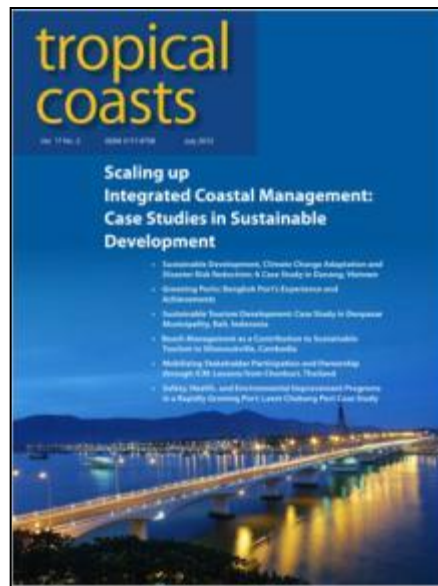
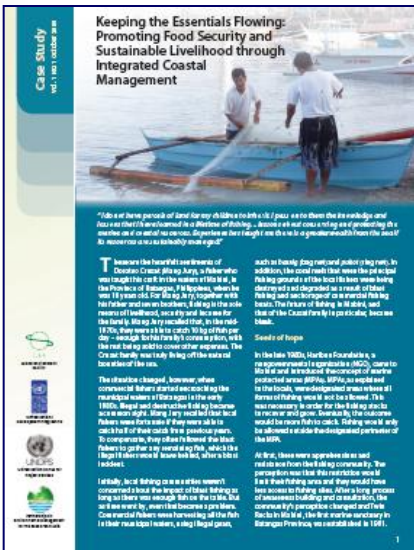
- ◆ Cambodia (1 site)
- ◆ China (2 sites)
- ◆ Indonesia (2 sites)
- ◆ Lao PDR (1 river basin)
- ◆ Philippines (3 sites)
- ◆ Thailand (1 site)
- ◆ Timor Leste (2 sites)
- ◆ Vietnam (1 site)



| SOC Code | Indicator | Trend * (1990-2007) |
|----------|---|---------------------|
| 001 | Coastal profile/environmental risk assessment | 😊 |
| 002 | Coastal strategy and action plans | 😊 |
| 003 | Local government development plan, including coastal and marine areas | 😊 |
| 004 | Coordinating mechanism | 😊 |
| 005 | Participation of stakeholders in the coordinating mechanism | 😊 |
| 006 | ICM enabling legislation | 😊 |
| 007 | Administration and monitoring of compliance to legislation | 😊 |
| 008 | Environmental cases filed/resolved | 😊 |
| 009 | Public education and awareness | 😊 |
| 010 | Stakeholder participation and mobilization | 😊 |
| 011 | Availability/accessibility | 😊 |
| 012 | Human resource capacity | 😊 |
| 013 | Budget for ICM | 😊 |
| 014 | Sustainable financing mechanisms | 😊 |
| 015 | Level of preparedness for disasters | 😊 |
| 016 | Degree of vulnerability to disasters | 😊 |
| 017 | Social and economic losses due to disasters | 😊 |

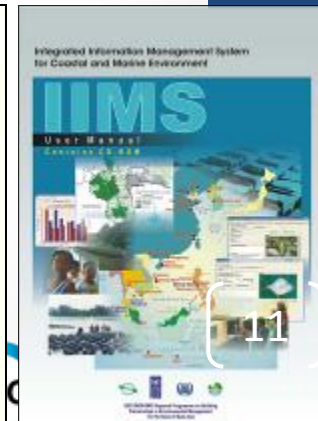
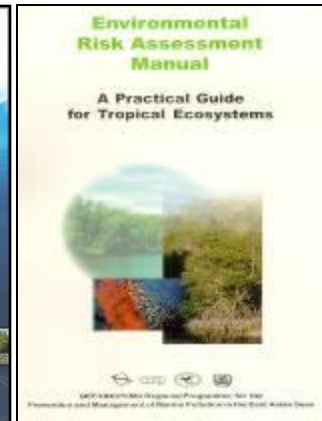
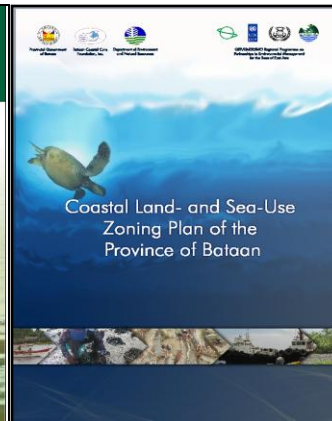
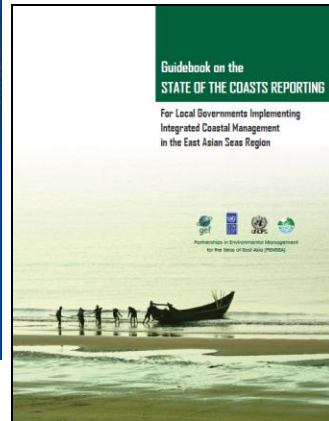
| SOC Code | Indicator | Trend * (1990-2007) |
|----------|---|---------------------|
| 018 | Habitat management plan and implementation | 😊 |
| 019 | Actual extent of habitats | 😊 |
| 020 | Protected areas for coastal habitats and heritage | 😊 |
| 021 | Reclamation and conversion | 😞 |
| 022 | Water conservation and management | 😊 |
| 023 | Access to improved water source | 😊 |
| 024 | Incidence/deaths due to waterborne diseases | 😊 |
| 025 | Fishery management plan and implementation | 😊 |
| 026 | Fisheries Production | 😊 |
| 027 | Malnutrition rate | 😊 |
| 028 | Poverty, education and employment | 😊 |
| 029 | Livelihood programs | 😊 |
| 030 | Management plans | 😊 |
| 031 | Water quality | 😊 |
| 032 | Air quality | 😞 |
| 033 | Sanitation and domestic sewerage | 😊 |
| 034 | Municipal solid waste | 😞 |
| 035 | Industrial, agricultural and hazardous wastes | 😞 |

Knowledge Transfer and Dissemination of Good Practices



Enabling Capacities

- ❖ Fostering improved awareness, understanding and management and technical skills in ICM implementation
 - ❖ ICM Training and specialized training
 - ❖ Study Tours and Leadership Forums
 - ❖ ICM Task Forces, ICM Learning Centers and Networks and Areas of Excellence
 - ❖ PEMSEA Network of Local Governments



www.pnlg.org

Networking of Local Governments



- A self-sustaining network of local governments implementing ICM
- PNLG Secretariat established and being hosted by Xiamen Municipal Government (China)
- PNLG Executive Committee established
- A non-country partner of the East Asian Seas Partnership Council
- PNLG Charter and Code of Conduct adopted
- 5-year PNLG Strategic Action (SAP) Plan and Dongying Declaration to implement the SAP adopted
- Reporting mechanism for implementation of SAP and Dongying Declaration established
- Currently has 35 member local governments and 2 associate members across the East Asian Region
- Has conducted 12 Annual Forums since 2001



East Asian Seas Congress

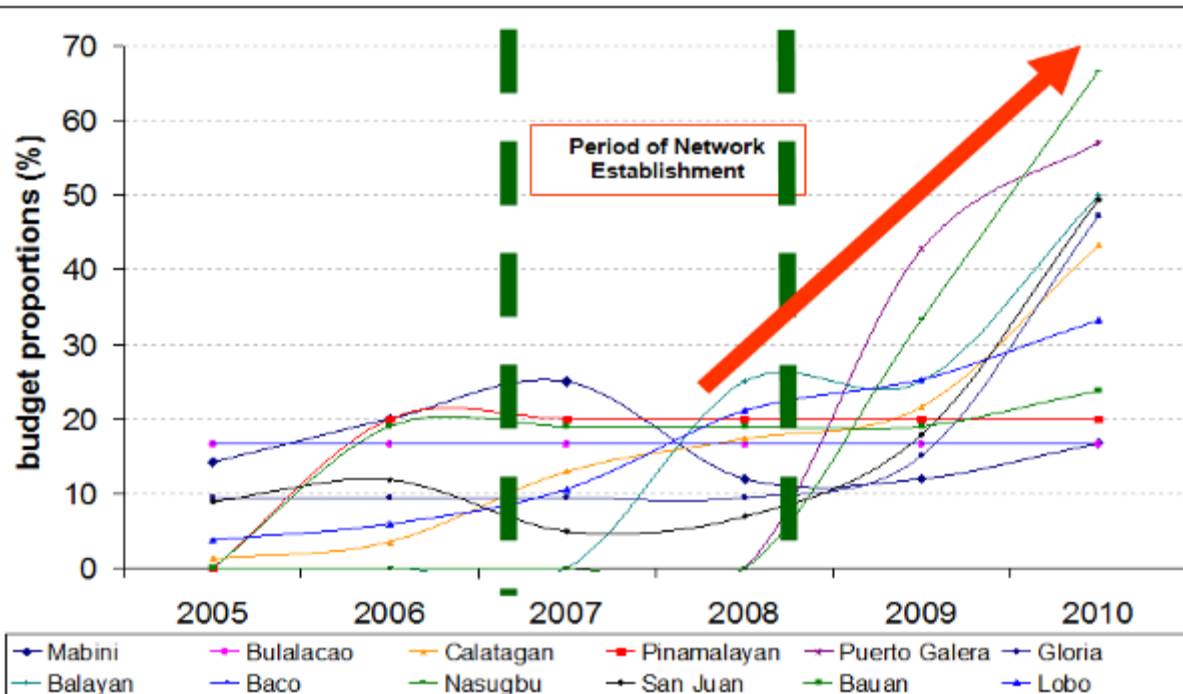
- ONE OF THE FOUR MAJOR OPERATING MECHANISMS OF PEMSEA: A reporting, partnership building and planning mechanism for the development of the East Asian Seas region
- PREMIER INTERNATIONAL CONFERENCE: Focusing on coastal and ocean development and governance in the East Asian Seas region
- INTELLECTUAL MARKETPLACE: Region-wide platform for dialogue, knowledge exchange, capacity building
- PARTNERSHIP HUB: Venue for strategic action and cooperation



Financing Local Government's ICM Programs

- Regular government budget
- Private sector (through joint efforts)
- International organizations and donor support
- Revenues from fees, permits, licences

Increased Budgetary Allocation for CRM Initiatives in majority of the Network-member Municipalities



Private Sector Participation in Batangas Province, Philippines

- Batangas Coastal Resources Management Foundation
- First Gen Incorporated
- Malampaya Foundation
 - Artificial reef monitoring
 - Mangrove rehabilitation
 - Waste management
 - Marine protected area management
 - Biodiversity conservation in Verde Island Passage
 - Disaster preparedness and response
 - Capacity building (waste management, law enforcement)



Private Sector Support in Bataan Province, Philippines

BCCF Member Companies



**Bataan Coastal Care
Foundation, Inc.**



Ayala Land, Inc.



The BCCFI aims to act as a catalyst and provide counterpart funding for the Bataan ICM Program to:

- build better coastal governance
- promote partnerships in environmental management, increase awareness, and promote community participation in coastal resources management.



Financing Coastal Resource Protection

- User Fees – enactment of Municipal Ordinance imposing conservation fee to divers, picknickers, etc. to finance conservation and environmental protection activities in Mabini and Tingloy, Batangas
- PhP 225,000 in 2003 to 2.5 million in 2007



Beneath the surface, DIVERS CARE.

For every P100 dive pass sold, divers help conserve the shared marine resources of Mabini and Tingloy. Support the Conservation Fee and provide a future for the delicate reef ecosystem.

Conservation fees or Divers fees also being implemented in the municipality of Bauan and Batangas City and for implementation in the Municipalities of San Juan and Calatagan



Proposed Framework for Scaling up and Replication of GEF Investments

