

MARINE LITTER

THE PHILIPPINE EXPERIENCE

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Department of Environment and Natural Resources

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Jakarta, Indonesia

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Outline

- State of the Problem
- Institutional Arrangement
- Initiatives and Programmes
- Barriers and Gaps
- National Needs and Action

State of the Problem

● Surveys and Monitoring

- Source Differentiation
- Accumulation Zones
- Ecological and Environmental Impacts
- Socioeconomic Impacts
- Derelict fishing gear
- Other scientific data and studies
- International Coastal Cleanup (ICC)

▶ next



*Manila Bay
Environmental
Management Project*

MANILA BAY OIL SPILL CONTINGENCY PLAN

http://www.emb.gov.ph/mbemp/mb_mboscp.htm

Data collection - February 1998 to December 2004

-Oil spill occurrences (type, location, volume)

-Categories of risk areas within the bay

-Density and vessel traffic

-Navigational routes and ports along the bay

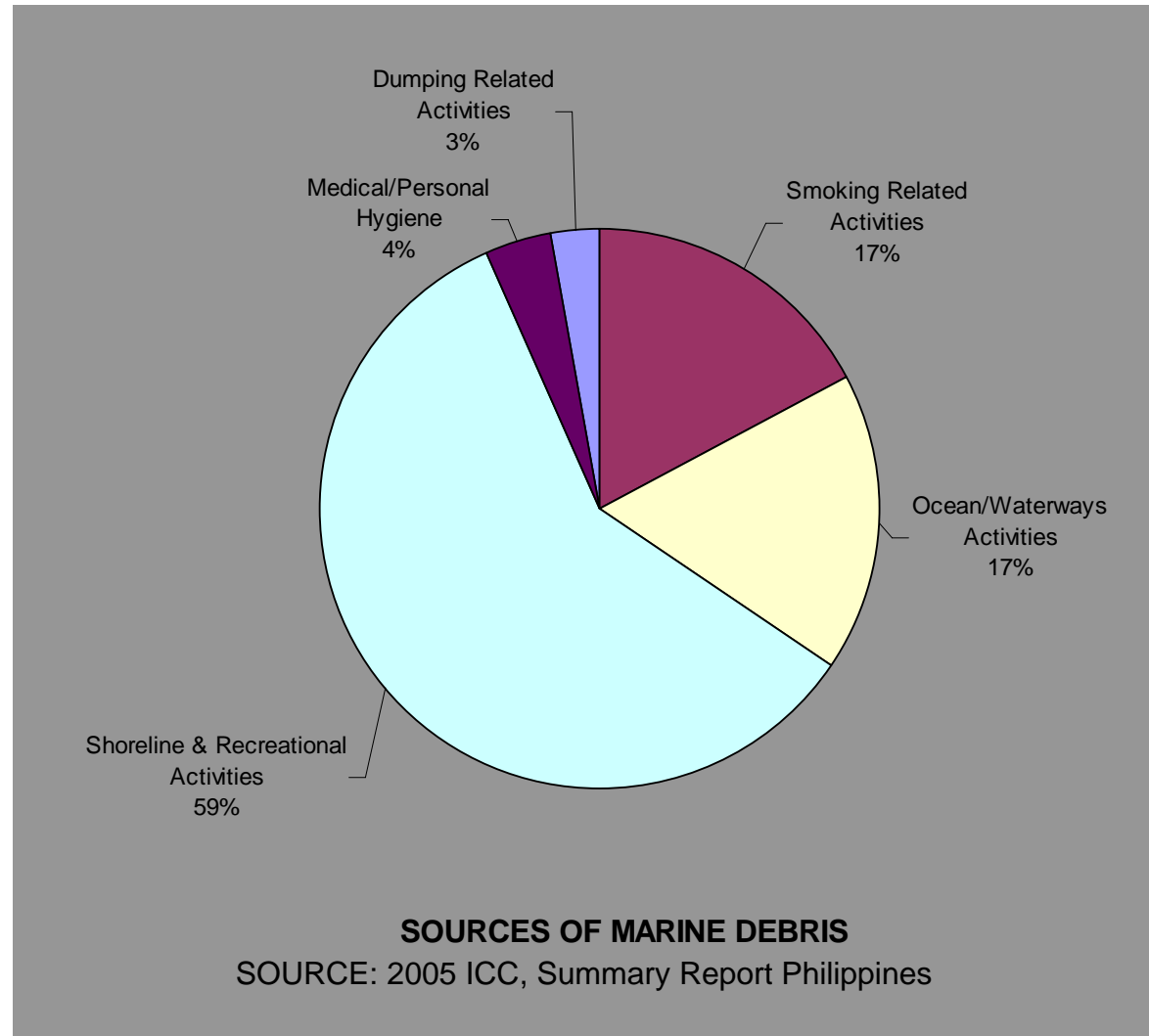
OUTPUT: preparation of an integrated preparedness and response plan for oil spill occurrences in the study area

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- No systematic data gathering activity
- Ecological and environmental impacts on oil spill occurrences
- No data are available
- No data are available
- JICA study on Metro Manila waste management conducted in 1997.

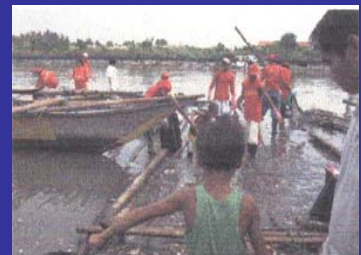
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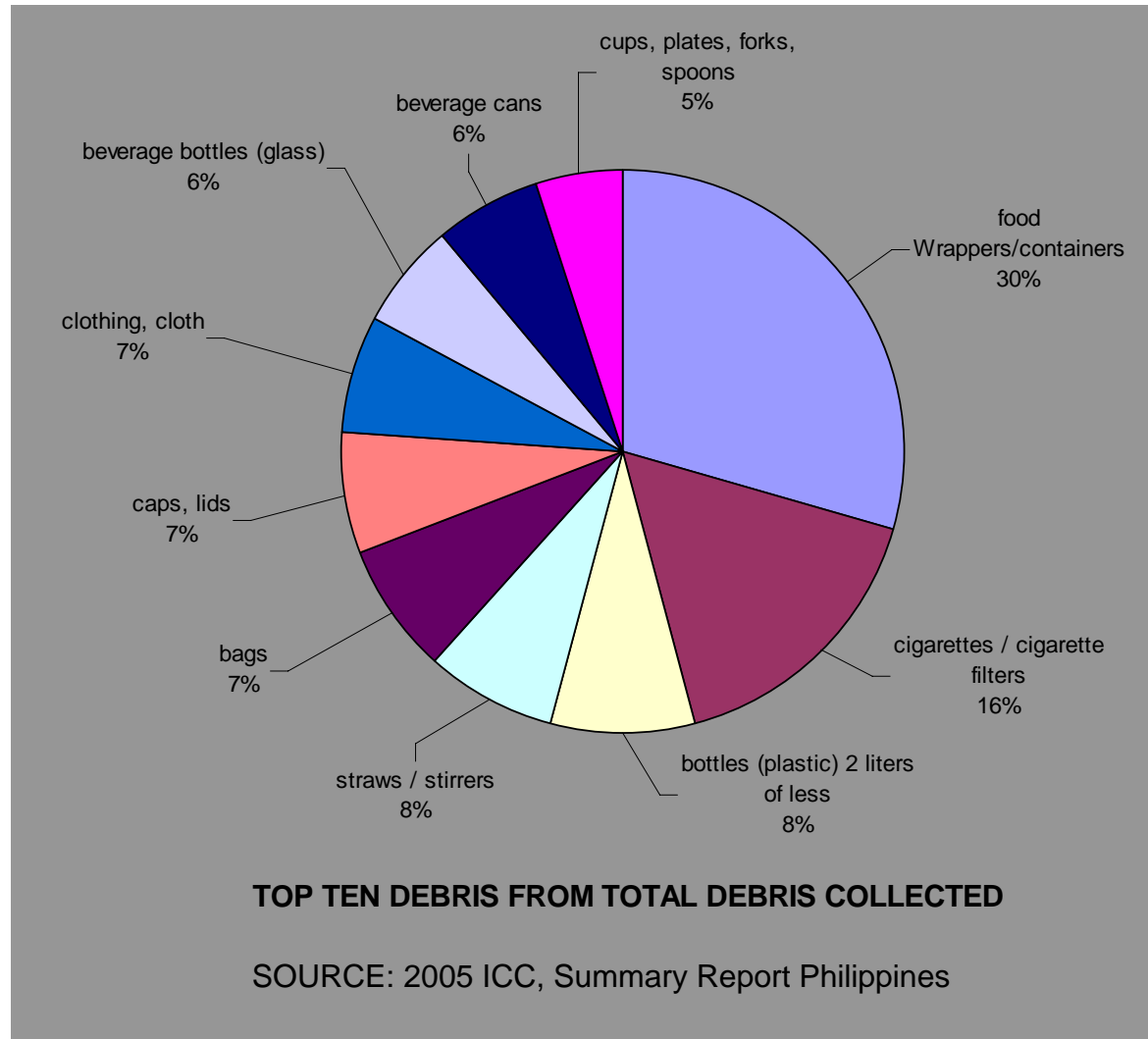
2005 International Coastal Cleanup Philippines



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Institutional Arrangements

Principal Agencies:

1. Department of Environment and Natural Resources (DENR)
(through the Environmental Management Bureau, EMB)
 - Formulates policy, rules and regulations
2. Department of Transportation and Communication (DOTC)
(through the Philippine Coast Guard, PCG)
 - Implements and enforces the rules and regulations

National Contact Point for Marine Litter:

Dr. Ely Anthony R. Ouano

Director, EMB

Institutional Arrangements

Policy and Laws:

1. Ecological Solid Waste Management Act of 2000 (Republic Act (RA) No. 9003)
2. Marine Pollution Decree of 1976 (Presidential Decree (PD) No. 979)
3. Philippine Clean Water Act of 2004 or RA No 9275
4. Philippines' National Marine Policy of 1994
5. Section 42 of the Philippine Environment Code (PD No. 1152)
6. Toxic Substances, Hazardous and Nuclear Waste Control Act of 1990 or RA No. 69696

Initiatives and Programmes

- Participating country in the GPA to address land-based pollution sources of marine pollution
- Import/export clearance requirement prior to importation/export of chemicals/hazardous substances
- Manila Bay Environmental Management Project (MBEMP)
- Integrated Information Management System for Coastal and Marine Environment (IIMS)

Barriers and Gaps

- No single agency has been given the specific mandate on marine litter prevention and control
- There is no sustained funding support to marine litter management (prevention, collection, disposal, etc.)
- There is no systematic data gathering and/or research effort focused on marine litter
- There is no sustained information and education campaign on anti-littering particularly in coastal areas
- Enforcement of anti-littering laws is either weak or non-existent

National Needs and Action Plan

- Technical and funding assistance in the development of a National Plan of Action on Marine Litter
- Responsibility areas and coordination among stakeholders
- Guidelines, standards, rules and regulations on marine litter intended for the different stakeholders
- Establishment of physical infrastructure for the collection and treatment/disposal of marine litter
- Information and education campaigns (IEC)
- Sustained clean up activities
- Support to research activities

MARAMING SALAMAT PO!