

Addressing Marine Pollution through Source to Sea Solutions: ADB's Emerging Approach

ADB

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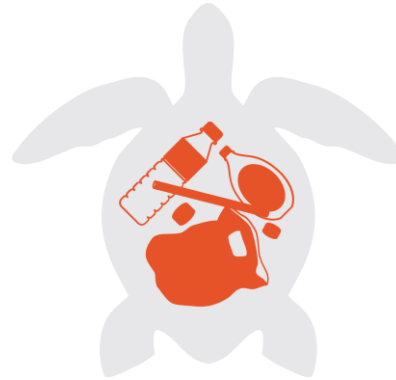


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Key issues (a snapshot)



An estimated **870 million tons of municipal solid waste** were produced in the Asia-Pacific region in 2014, and that figure is projected to increase to **1.4 billion tons per year** by 2030



About 95% of plastics waste in global oceans comes from 10 main rivers – **8 are in Asia.**



11.1 billion plastic items are entangled on coral reefs leading to coral disease. This number may **increase 40%** by 2025 *



Up to 90% of coral in South and South-East Asia will suffer severe degradation by 2050 due to overfishing, pollution, land run-off, sea level rise, ocean warming and acidification

ADB'S EMERGING APPROACH

IMPACT

REDUCED Marine plastic pollution and debris

RESTORE Health of rivers and ocean ecosystems

OUTCOMES

- ✓ Enhanced commitment & action to address marine and fresh water pollution
- ✓ Increased investments in Source to Sea solutions



KNOWLEDGE

- Information education & communication campaigns
- Best practices solutions
- Regional forums
- Partnerships and networks



ENABLING ENVIRONMENT

- Country /municipal assessments and forums
- Action planning
- Policies, regulations, incentives
- Technology needs assessments
- Financing plans / mechanisms



PROJECT INVESTMENTS From Source to Sea

- Solid waste management (3R / Circular Economy)
- Waste to energy
- Wastewater treatment
- River basin management
- Coastal clean-up
- PPPs and private sector