Green growth approaches to 3R

ESCAP's New Regional project on Pro-poor and Sustainable Solid Waste Management in Small Towns & Secondary Cities

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ESCAP

- Normative, analytical work
  - Preparation of the State of Environment Report

- Identifying and testing innovative solutions
  - Action research
  - Pilot projects

- Provide Forum for Dialogue and Exchange
  - Inter-governmental meetings
  - Multi-stakeholder forums and exchanges

Green Growth Approaches to 3R

- *Environmentally sustainable economic progress to foster low-carbon, inclusive development.*

- Greening businesses

- Sustainable infrastructure

The Challenge

- Asia is urbanizing rapidly
- Inadequate delivery of basic services
- Increased pressure on urban infrastructure
- Climate Change

The Challenge

- Growing amounts of solid waste
- Scarce land for dumpsites
- Expensive end of pipe solutions
- Insufficient coverage
- Emission of green house gases

A New Approach for the region

- Treating waste as a resource
- Incorporating the informal sector
- Capitalizing on high organic content of the waste
- Cost-effective

Waste Concern model

- Tested in Matale & Quy Nhon
- PPP
- Government provide land
- Door-to-door collection service
- Services 1000 households
- Income streams:
  - Collection fees
  - Sell of compost
  - Sell of recyclables

Key innovations – Working with communities

- Technical assistance and training provided by ESCAP and Waste Concern

- Willingness to pay for collection

- Cleaner communities

- Good quality compost

Key innovations – Ensuring demand

- Developing a business plan
- Producing organic fertilizer
- Demonstrating the product to local farmers

Pro-poor and sustainable SWM

- New regional project, 2009-2012
- Testing and refining the model in 10 cities
- Developing and testing methodologies for using CER's and VER's for up-scaling
- Town wide up-scaling in two cities
- Developing guidelines and methodologies
- Sharing experiences between cities