



# Colombo, Sri Lanka



Promoting Innovations in Wastewater Management

**Making Sanitation a Sustainable Business**

29–31 January 2012 • ADB HQ, Manila, Philippines



- Wastewater Coverage: Management services and facilities
  - 80% Area
  - 84% of Population
- Goals and targets – to cover 100% coverage by year 2020
- Investment(s) Needed to Meet Goals – i) Rehabilitation as system exceeds its' technical life, ii) Expansion and Treatment to prevent deterioration of urban environment and health



- Existing Wastewater Policy
  - Discharge to inland and marine environment is controlled through legislations under National Environmental Act . Trade waste policy is yet to come
  - Monitoring is based on the above legislations by respective agencies
  - Enforcement is through EIA, EPL etc.
- Existing Plans
  - Master Plan – latest is in 1993, updating is scheduled in 2013
  - Financing – ongoing discussions with ADB for the 2<sup>nd</sup> phase



# Focus Areas:

## WHAT ARE THE BARRIERS?

- **Enabling Environment** - weak law enforcement, no incentive for reuse of water, weak institutional coordination, poor capacity at managerial and operational level,
- **Social Issues** – inadequate public understanding and cooperation, un-acceptance of water reuse and opportunities for reuse
- **Technology** - inadequate opportunities in the past resulted limited capacity development in the sector; public & private
- **Financing** – less incentive for private sector participation on operation, lack of opportunities for cost recovery projects, lack of understanding on ability to pay, inadequacy of performance monitoring



Under the on-going Greater Colombo Wastewater Management Project initiatives have been taken to address barriers

- Improve enabling environment
- Increase enforcement through introducing Trade waste policy and compliance monitoring support
- Remedy social issues through Community participation and Public education programme
- Address technology and capacity development of the operational staff
- Address financial aspects on recovery of operational expenses by ring-fencing of sewerage expenditure, cost recovery policy, mechanism and monitoring operational and financial performance through performance based budgeting
- Private sector involvement – the need/opportunity of PPP has not been assessed yet the opportunities emerge through the investment
- Sector requirement is high and the continues support from ADB for the 2<sup>nd</sup> phase of the project

