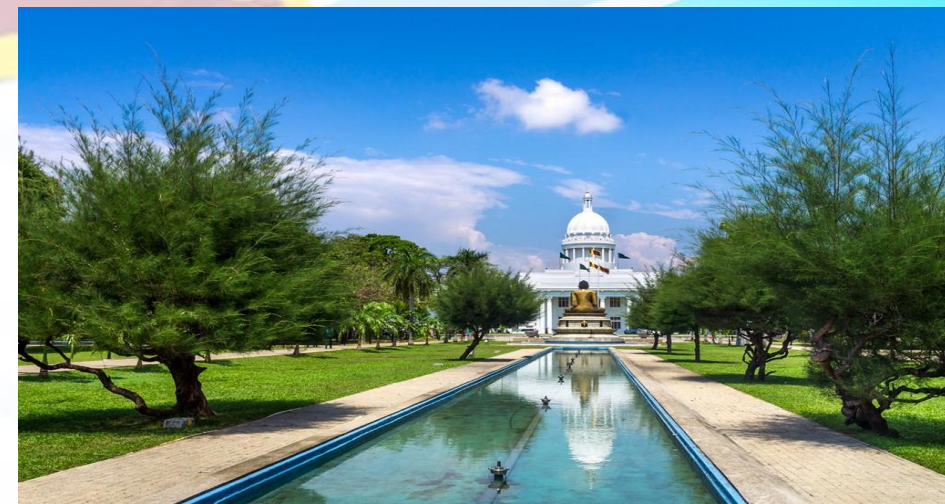


9th 3R Forum - 2019

Implementation of Ha Noi 3R Declaration Sri Lanka



Achievements, Initiatives and Critical Challenges





Major Projects, achievements, critical challenges.

- 3R in Urban/Industrial Areas
 - Municipal Solid Waste
 - Industrial Solid Waste
- 3R in Rural Areas
- 3R for New and Emerging Waste
- 3R for Cross Cutting Issues

Responsible Key Institutions

1. Ministry of Home Affairs, Provincial Councils and Local Governments.

Municipalities/Urban Councils/ Pradehiya Sabhas

2. Ministry of Mahaweli Development and Environment.

3. Ministry of Irrigation and Water Resources Management

4. Ministry of Megapolis and Western Development

5. Central Environment Authority

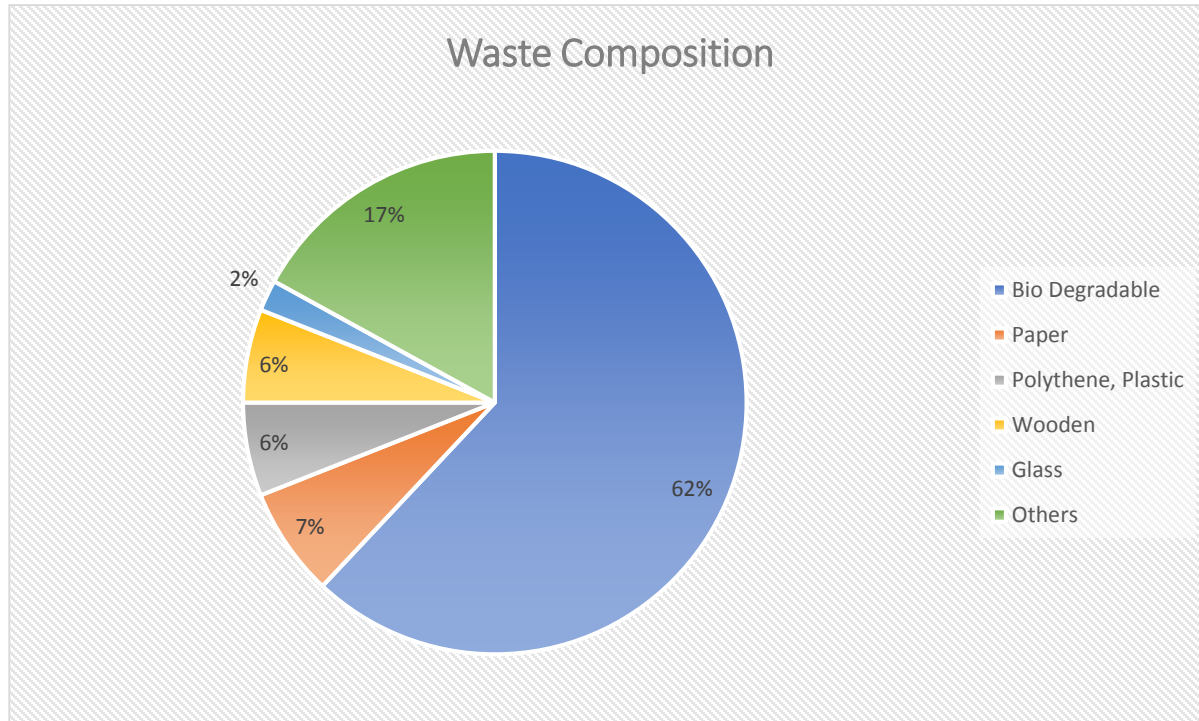
6. National Solid Waste Management Authority





Waste Management Statistics

- Estimated waste generation = 7500 MT/Day
- Daily Waste Collection = 3500 MT/Day





Major Projects / activities with 3Rs and Circular Economy

- **“Pilisar Project”** Provided facilities and infra-structure to local authorities for **composting, bio gas generation, plastic recycling** etc. – **120 Compost Plants, 03 Sanitary land fills and 22 Bio Gas Plants** constructed under the project
- Installation of **“Kawashima Composting machines”** in **all 09 provinces**
- A **mega project for Composting** all bio degradable waste is being implemented by Colombo Municipal Council.
- Initiated **green villages, green hospitals, green industries, green school** projects which promotes waste minimization





Major Projects / activities with 3Rs and Circular Economy

- ❖ **Riverine Management Division** was established in the Irrigation Department to control water pollution and conserve riverine eco system.
- ❖ Promoting **overall regional cooperation and multi-stakeholder partnerships for Waste management** projects implemented with the assistance of Japan (JICA) and Korean Government (KOIKA) and ADB.
- ❖ Fixing **filtering mechanism to control plastic waste and preserve the coast, lagoon and the sea** is under planning stage
- ❖ **Functioning 07 Mega recycling industries** for paper, glass polythene, plastic and rubber industry through private investments.





Major Projects / activities with 3Rs and Circular Economy



Proposed 10MW Colombo Waste to Energy Project by Ministry of Megapolis and Western Development
Capacity : Municipal solid waste – 550 MT/day
Investment : USD 50 Million
Project Commission in 2020



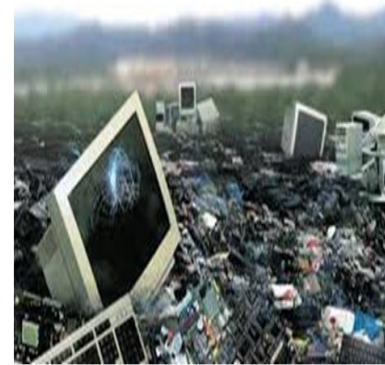
Proposed Sanitary Engineering Landfill Project at Aruwakkaru by Ministry of Megapolis and Western Development
Landfill site area : 110 ha
Capacity : Municipal Solid Waste – 1200 MT/day
Investment : USD 101 Million,
Landfill duration – 80 Years
Project Commission in 2019





Achievements on actions for 3Rs

- ❑ Established Recyclers Association of Sri Lanka by private sector
- ❑ 4265 members registered as collectors, small scale, medium scale and large scale entrepreneurs
- ❑ 07 Large Scale and 60 medium scale recycling industry contribute for paper, Polythene, plastic, rubber and glass industry.
- ❑ JICA volunteers/ **School Girl guide Earth Ambassadors/ POLICE Environmental protection Division/ Conduct School and Community base education and awareness programmes.**





Motivation and Capacity Building on 3Rs

- **Green Awards** ceremony conducted annually
- **Waste recycling industries** are promoted and awareness is created.
- Encourage the private sector to **increase resource efficiency and productivity** through The 3R and Circular Economy concepts.
- The government encourages the industries and offer the awards
 - **National Cleaner Production Award**
 - National Productivity Secretariat – **Green Productivity**
 - SLIDA Training Centre– **Green Productivity**
 - **R & D Award** by Universities on Environment based studies.
- At present **National Steering Committee** on waste management Promote non government and govt. organization to implement policy.





Issues to Proper Waste Management in Sri Lanka

- Poor interest and lack of knowledge in waste business opportunities.
- Scarcity of adequate and proper dump sites.
- Lack of adequate technical staff & financial constraints for engineering solutions.
- Poor attempt in implementing legal action.
- Public Protest due to social and religion based perceptions for proposed land fill projects.





Thank You

