

Status of Organic Waste (Food Waste) Management in Sri Lanka



By
Hasini Prabodha Jasin Arachchige

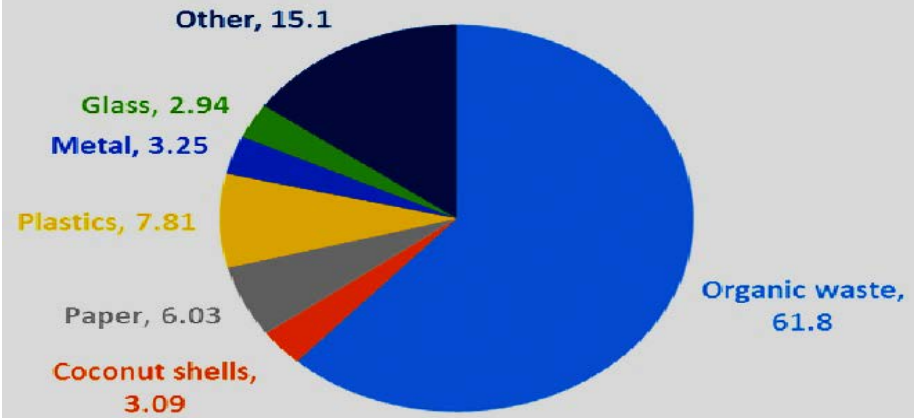
*Second Sub Regional Workshop on Preparation of Status Report
and Sub-regional Roadmap for Implementing the Global Waste
Management Goals towards addressing SDGs in South Asia*

- *From 15th – 17th July 2019, Bangladesh*

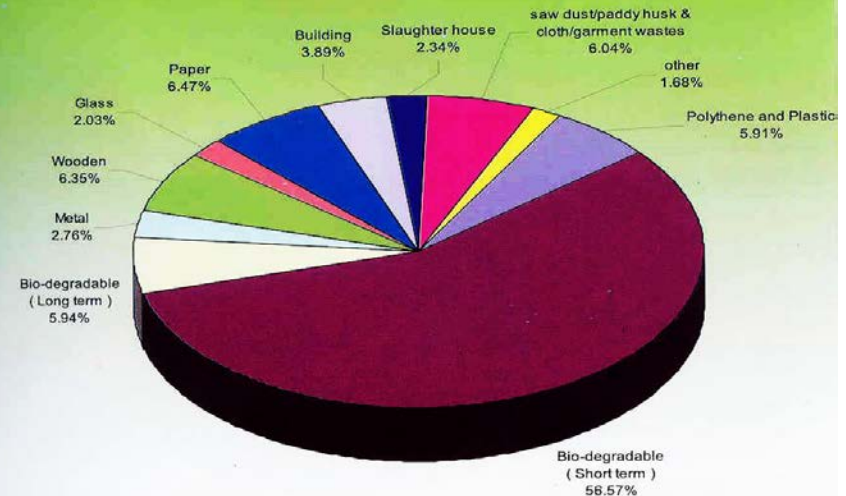
Status of Waste generation in Sri Lanka:

- Sri Lanka generates **8,000 tons of Solid Waste /per day**
- Sri Lankan MSW
 - **56.6% Biodegradable Organic Matter (Short term).**
 - **5.94% Biodegradable Organic Matter (Long term).**
- About **80%** of the Organic Waste is **Short-term Biodegradable Food Waste.**
- Annual food wastage in Sri Lanka estimates range up to **30%**
- **Food Waste** can be estimated as **5000 mt/day.**

DOMESTIC WASTE COMPOSITION IN SRI LANKA



Composition of Municipal Waste Collection in Sri Lanka



Current initiatives for Managing Organic Waste (Food Waste) in Sri Lanka

- **Policy Support**

New National Policy on Waste Management (Draft):

Food, Agriculture and Livestock Waste ;

- a) A comprehensive strategies and action plans to be developed to minimize the amount of food, agriculture and livestock waste to be finally disposed
- b) Monitor and record performance of waste management periodically and report
- c) Guidelines shall be developed for food and agriculture waste prioritizing waste minimization covering all sectors with standards as appropriate to prevent contamination of water bodies and lands causing health and environmental problems.

Current initiatives for Managing Organic Waste (Food Waste) in Sri Lanka

- **Other Related Policies**

01.National Agricultural Policy:

- a) Develop and popularize better harvesting, processing, value addition, storage and transport methods to minimize pre and post-harvest losses
- b) Enforce sanitary and phyto-sanitary measures in post harvest processing and value addition of agricultural products.

02.National Policy and Strategy on Cleaner Production for Agriculture Sector:

- a) Prevent/minimize post harvesting losses with environmentally sound packaging, storage and transportation.

03.National Policy and Strategy on Cleaner Production for Fisheries Sector:

- a) Minimize post harvest losses and promote new products based on fish waste.
- b) Develop/introduce environmentally friendly and economically viable fish waste disposal systems.

Current initiatives for Managing Organic Waste (Food Waste) in Sri Lanka :



Production of **Organic Fertilizer**



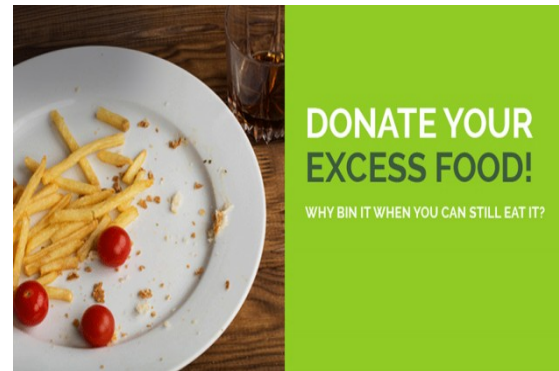
Production of **Bio Gas**



Sanitary land filling



Plastic Crates for the transportation of Fruits and Vegetables



Food Rescue programs by Voluntary Groups

Current Initiatives for Managing Organic Waste (Food Waste) in Sri Lanka Cont...,



Directly use as the **Piggery Farming Feed**



As Raw Material for Production of **Animal Feed**



Value Addition of the Surplus perishable vegetable and Fruits in Seasonal variation



THE
ZERO-WASTE
Lifestyle

LIVE
WELL
BY
THROWING
AWAY
LESS



Thank You