

PLASTIC FREE MAURITIUS: DEFINING THE ROADMAP

SESSION 5 - RECYCLING OF PLASTIC WASTES

Associate Professor (Dr) Dinesh Surroop
Department of Chemical and Environmental
Engineering
University of Mauritius

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Background



Recycling comes after waste prevention, minimisation and reuse



Prior to adopting a recycling approach, we need to adopt a SCP approach to minimise waste generation



Its impacts on the marine and terrestrial biodiversity and its contribution to flooding through the blockage of drains.



One of the waste materials that has been gaining increasing interests recently is plastic wastes due to its non-biodegradability

Plastic Waste Generation



Daily waste generated
1,400 tonnes of waste

Total population
of around 1.2M

Total volume of wastes disposed at Mare
Chicose Landfill in 2020
510,000 tonnes



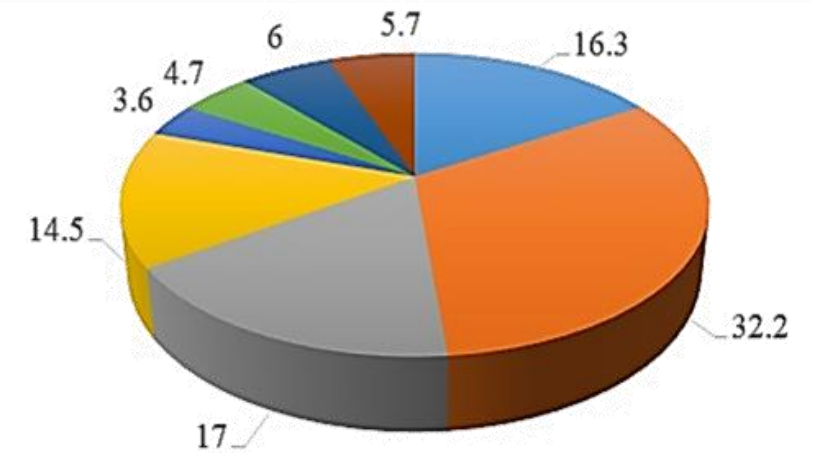
Plastic wastes-
75,000 tonnes
(14.5 %)



LDPE-7.0%
HDPE-3.0%

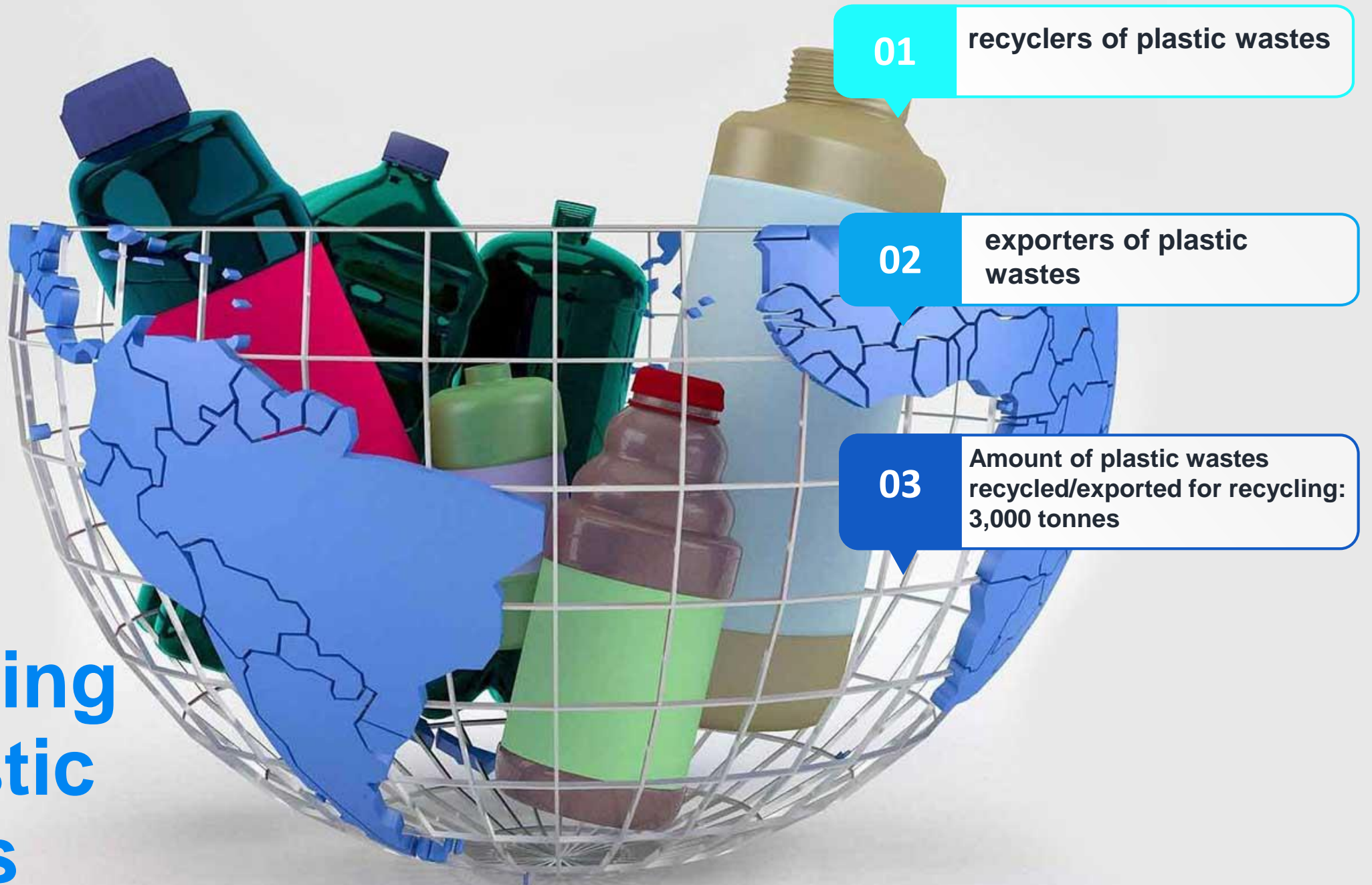


PET-3.7%



- Food Waste
- Yard Waste
- Paper
- Plastics
- Metals
- Glass
- Textile
- Others

Recycling of Plastic Wastes



Upcycling & recycling of plastic wastes





THANK YOU