

3R Initiatives by Private Resorts in Maldives in Response to Male' 3R Declaration

Seventh Regional 3R Forum in Asia and the Pacific

2 - 4 November 2016

Adelaide, South Australia, Australia

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Maldives Tourism

History

- ▶ Started in 1972
- ▶ One resort
- ▶ Less than 100 arrivals annually
- ▶ Humble infrastructure
- ▶ Transfer from the airport by small mechanized vessels (low speed)

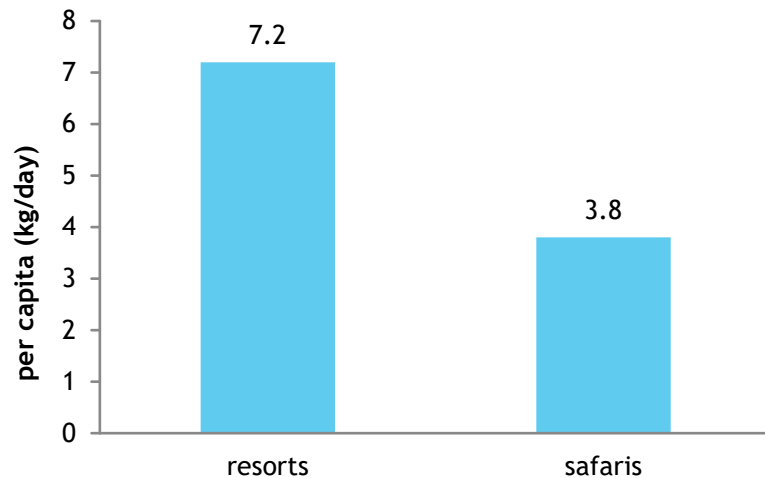
Now

- ▶ 111 resorts with world class hotels
- ▶ Guest arrival 1.2 million
- ▶ Modern infrastructure i.e. under water restaurants
- ▶ Transfer by high-speed boats and sea plans
- ▶ GDP = more than 30%

Waste Generation

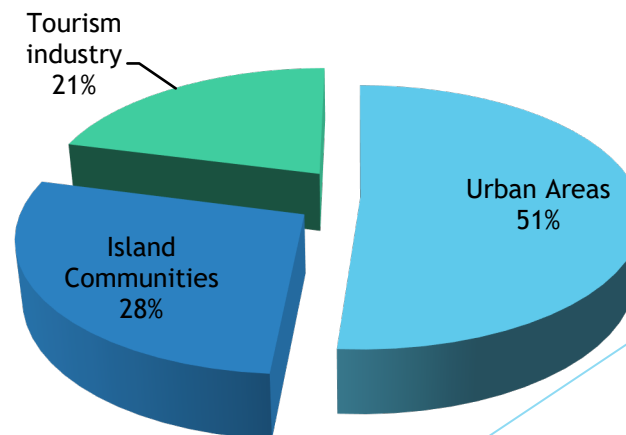
Tourism

- ▶ 21% of the national total waste generated
- ▶ 119,203
- ▶ 7.2 kg per capita per day



Local

- ▶ Urban 51% = 289,493
- ▶ Rural (Atolls) 28% = 158,937
- ▶ 2 kg per capita per day



Waste Management Practices

- ▶ Biodegradable waste dump into deep sea
- ▶ Small amount incinerated
- ▶ Recyclables and other wastes sent to landfill, where open burning is practiced

Male' 3R Declaration

- ▶ Formulated with the technical assistance from UNCRD
- ▶ Objective is to protect the marine environment and ecosystem
- ▶ 99 resorts signed the Declaration

Resorts started implementation (Reporting)



3R Activities

- ▶ Upgraded environmental management system
- ▶ Replaced conventional lighting with energy efficient lighting
- ▶ Monthly reef cleaning
- ▶ Waste segregation improved and temporary safe storage established
- ▶ Plastic reduction policy incorporated into resort management system
- ▶ Improved sea water reverse osmosis systems to drinking water standard
- ▶ Implementation of RE and replacing fossil fuel
- ▶ Started environmental auditing
- ▶ Waste recording systems established
- ▶ Paper waste reduction by introducing e-communication
- ▶ Re-use of old wooden furniture for other purposes
- ▶ In land fossil fuel powered transport vehicles replaced with battery operated vehicles and introduced bicycles for guest use.

3R Activities (Cont..)

- ▶ Started composting and implemented waste diversion from landfilling
- ▶ Donation of used old linen to neighboring island communities
- ▶ Loose loop recycling and used in the resort
- ▶ Staff education and awareness programmes implemented

3R Award

- ▶ MEE introduced an award for the resorts
- ▶ An encouragement to implement Male' 3R Declaration
- ▶ The Award recognizes the programs that divert waste from landfills in one of the following ways;
 - ▶ Significantly reduce solid waste generated
 - ▶ Develop methods to re-use resources,
 - ▶ Implement recycling programs
- ▶ Targeted only to the signatories of the Declaration