

# Waste Management in Maldives

Current Situation and Future Plans



# MANDATE

Ensure management of solid waste to prevent impact on human health and environment through approaches that are economically viable and locally appropriate.



# Challenges



## INCREASE IN GENERATION OF WASTE

- Increase in population
- Increase in amount of non-biodegradable waste
- Expansion of tourism industry



## GEOGRAPHICAL ISOLATION OF ISLANDS

- Difficulty in transportation of waste
- Difficulty in establishment of waste management systems



## INCREASE IN POPULATION DENSITY

- Small size of islands
- Limited land space



# Current waste management situation



# POLICY



- ▶ Individual responsibility
- ▶ Household responsibility
- ▶ Corporate/ Industrial Responsibility
- ▶ Clinics and Hospitals
- ▶ Island Council Responsibility
- ▶ Atoll Council Responsibility
- ▶ Regional/ Nation Responsibility



# Waste Management Regulatory Framework

- Waste Management Regulation of Maldives
- Implementation by EPA

Works under the Waste Policy

- Analysis of existing legal framework
- Draft of Waste Management Act



# Island waste management concept

سەر و سەرگەردا سەرگەردا

سەرگەردا سەرگەردا سەرگەردا  
سەرگەردا سەرگەردا سەرگەردا



سەرگەردا سەرگەردا سەرگەردا



سەرگەردا سەرگەردا

سەرگەردا سەرگەردا سەرگەردا

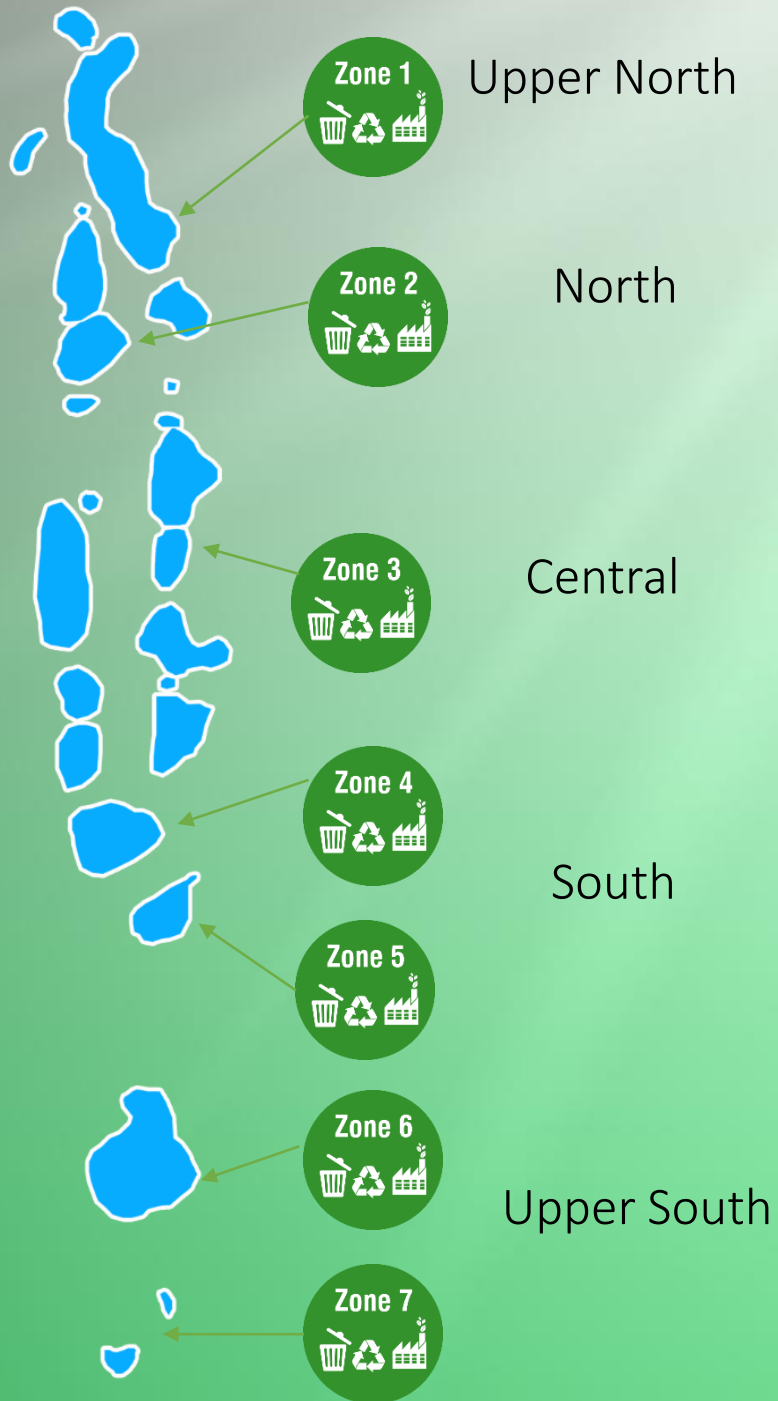


سەرگەردا سەرگەردا



سەرگەردا سەرگەردا سەرگەردا





# Regional Waste Management Projects

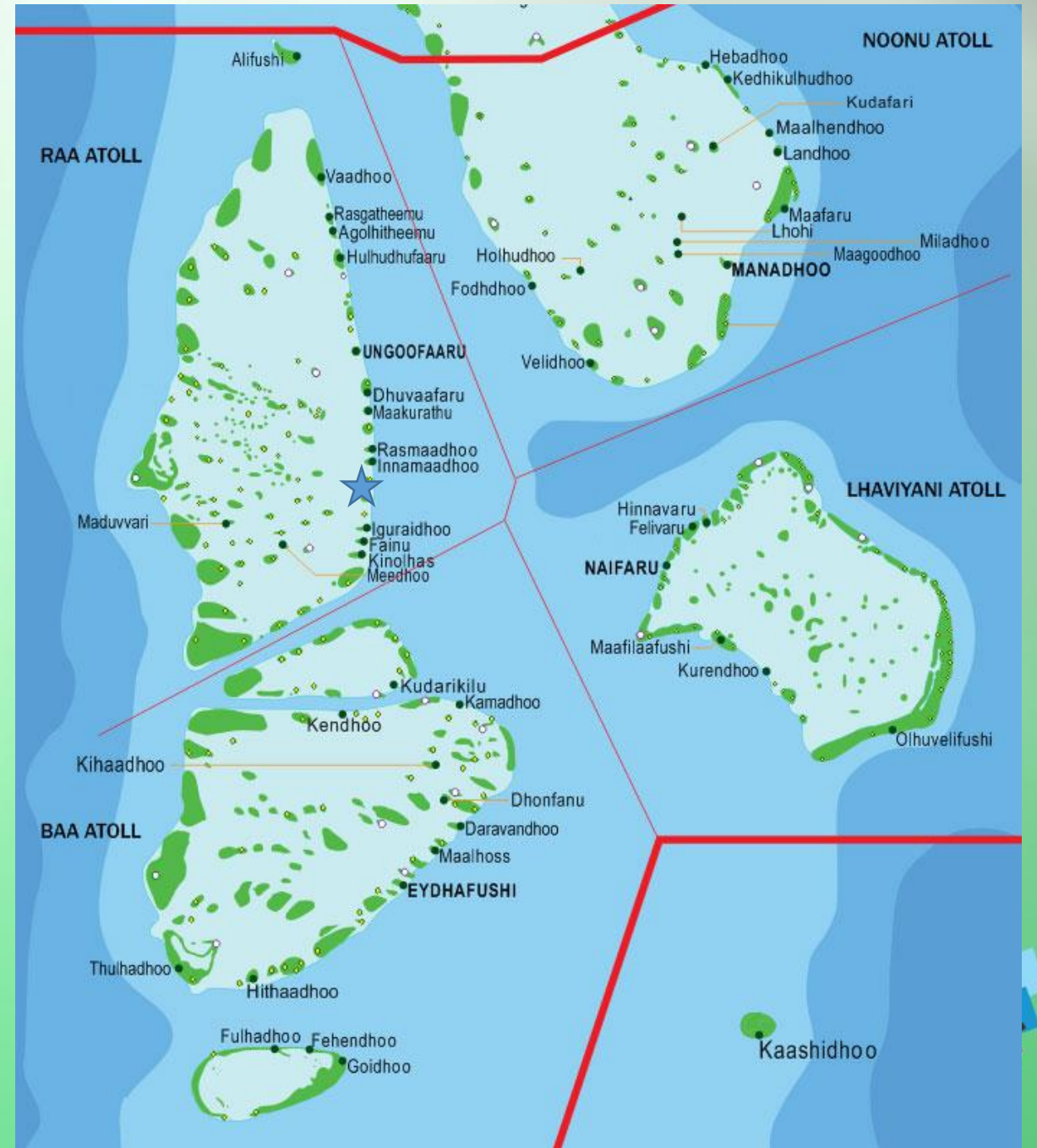
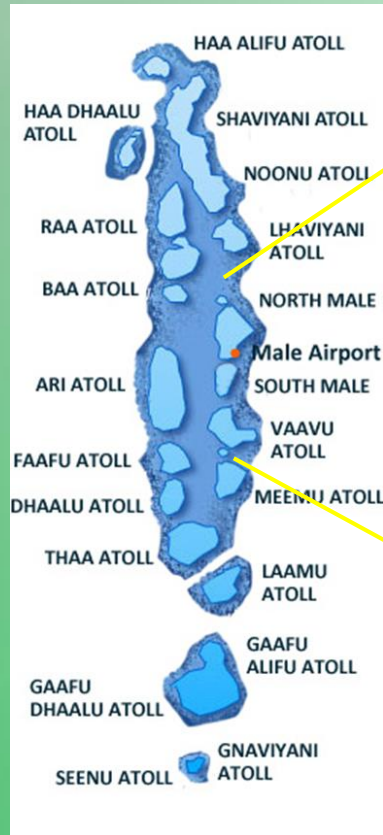




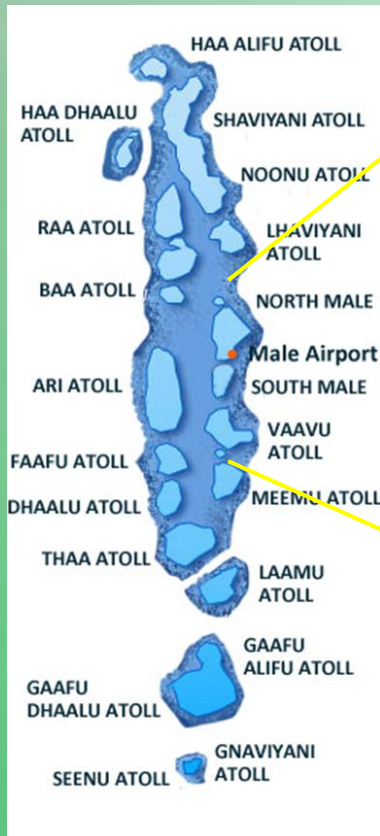
# Upper North RWMF



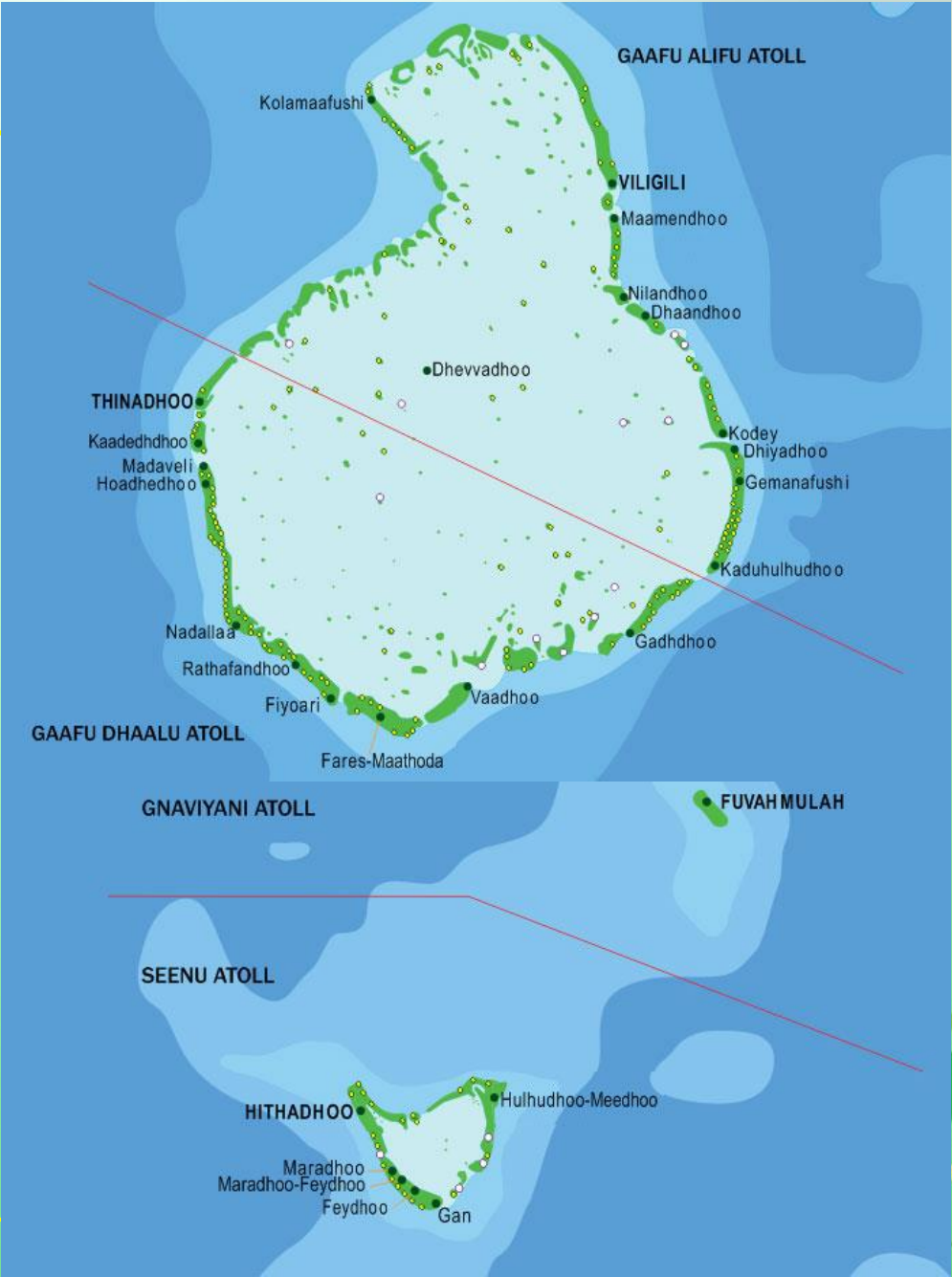
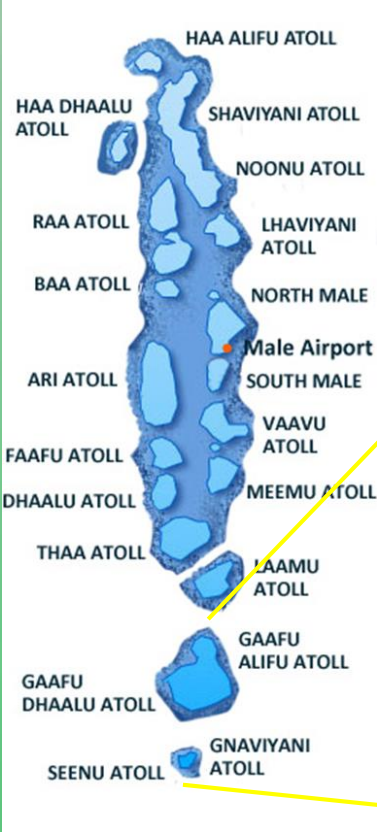
# Vandhoo RWMF (Northern region)



# Thilafushi RWMF Central Region



# Upper South RWMF



# FUTURE PLANS

- Establish 5 Regional waste management facilities
  - Waste to Energy Option
- Establish Fee structure –Polluter Pay Principles
- Introduce Extended Producer Responsibility
- Public Awareness and WM Training
- New technologies and solutions for Medical and Hazardous Waste



Thank you

