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Floating Waste and Marine Litter Management in Korea

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I. Floating Waste Management

Floating Waste Management System



Litter collection

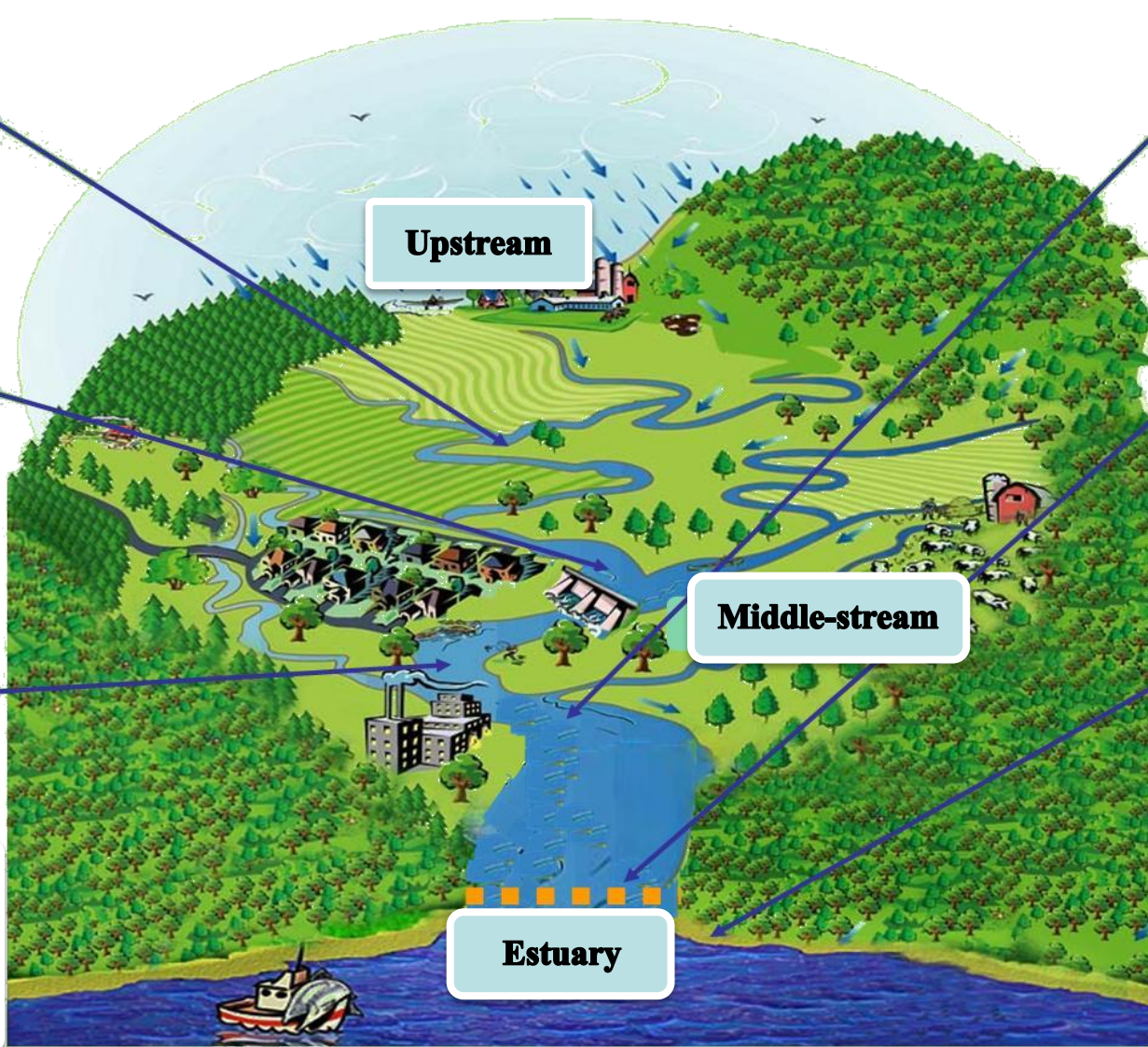


Floating waste removal



Riverside waste removal

Establishing cost sharing system between local government



Underwater waste removal



Isolation fence installation

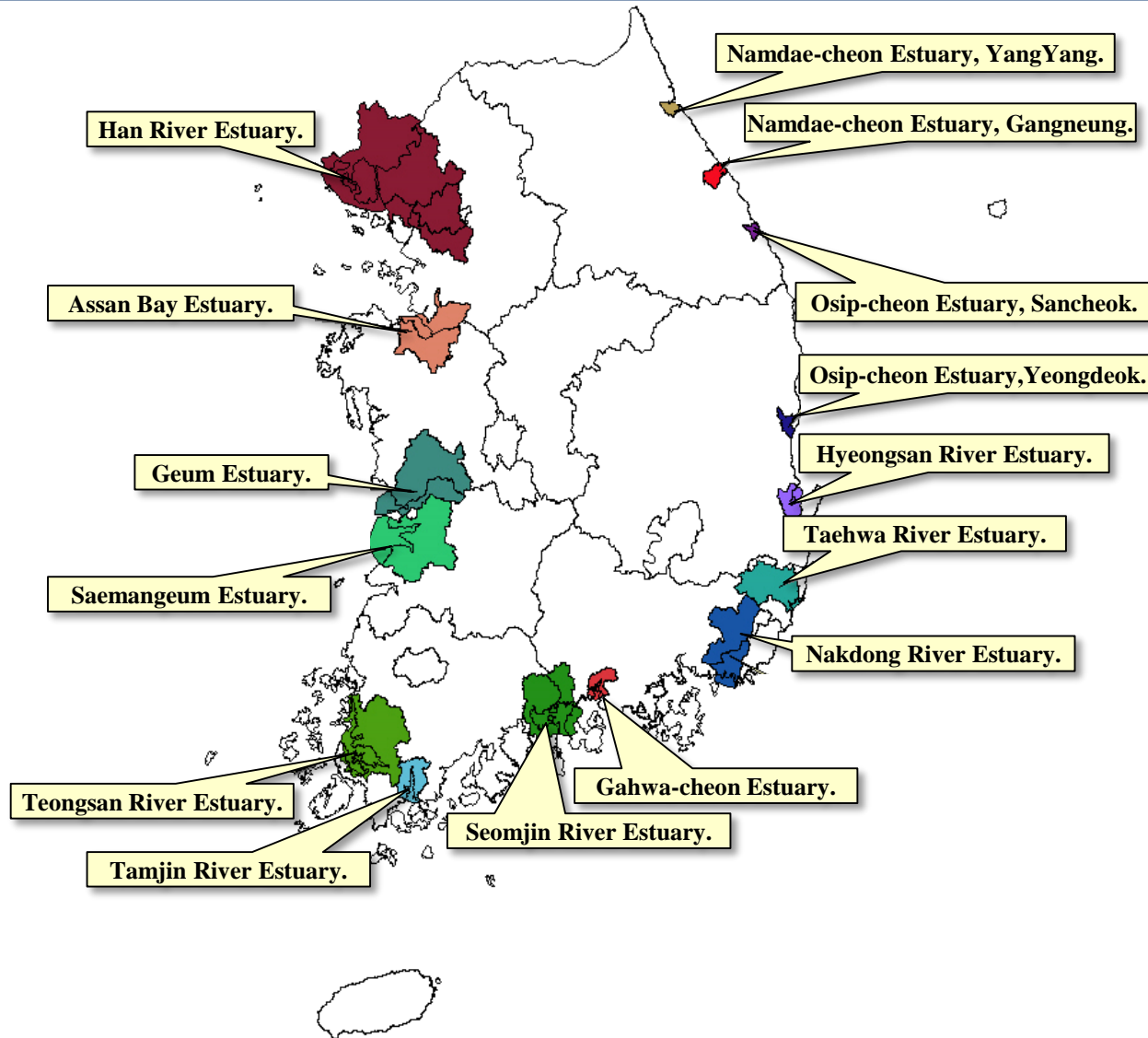


Estuary waste removal

Increasing subsidy for floating waste treatment

Reference: Ministry of Environment, Floating waste reduction and removal project, 2018

Floating Waste Management Areas



Reference: Floating waste reduction and removal project of Ministry of Environment, 2018

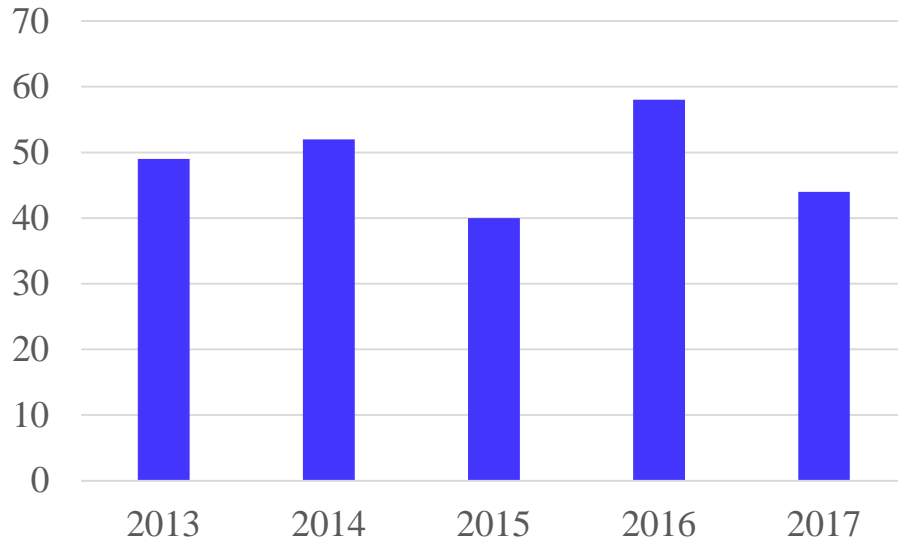
Recycling & Disposal of Floating Waste



Reference: Giljong Oh, Disaster waste management in South Korea, 2012

Floating Waste Collection & Treatment

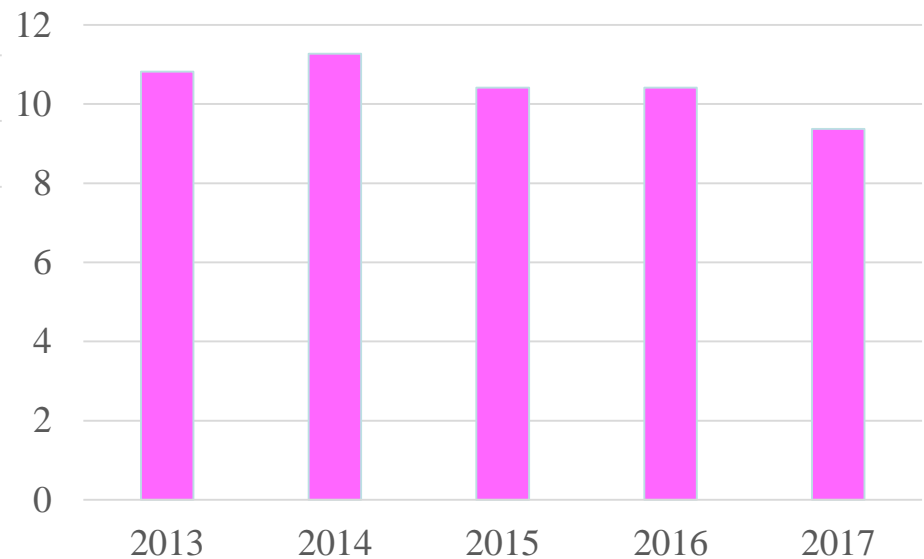
Unit: Thousand tons



Floating waste collection & treatment

● Central government's subsidy rate for floating waste collection & treatment
- Metropolis: 40%, other: 70%

Unit: Billion Won



Floating waste management budget (Central government)

Reference: Floating waste reduction and removal project of Ministry of Environment, 2018

II. Marine Litter Management

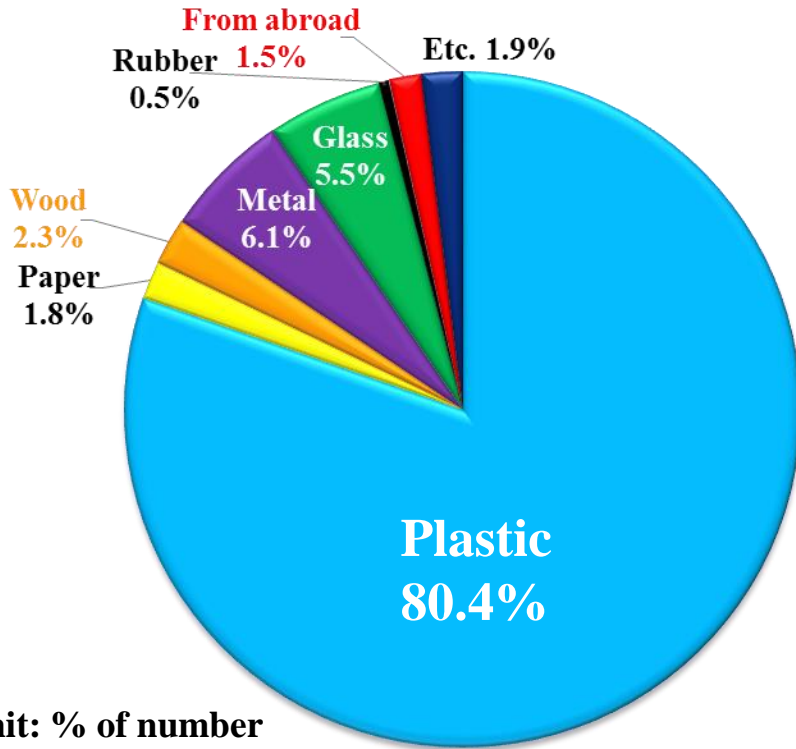
Monitoring Sites of Marine Litter



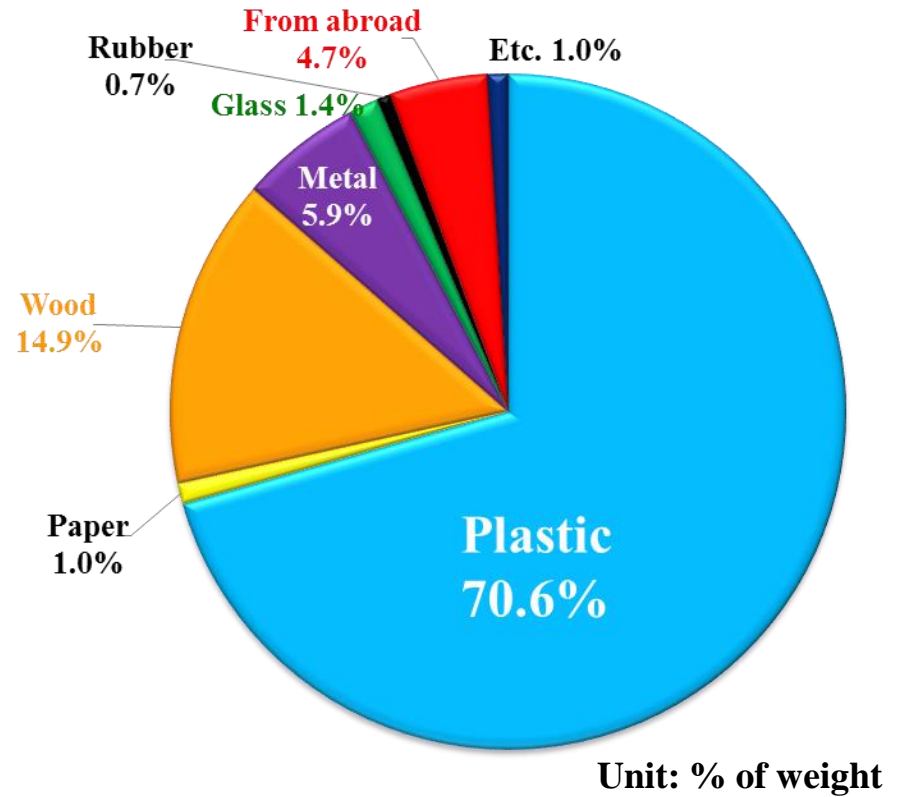
Number of sites: 40

Reference: Marine Litter Information System, www.malic.or.kr/information/monitoring/intro.do

Composition of Marine Litter (2018)



Monitoring sites: 40
 Total number of litter: 9,368 piece
 Total weight of litter: 1,350 kg



Reference: Marine Litter Information System,
www.malic.or.kr/rest/monitoring/2nd/type/2018/0001/2018/0006/null/n

Removal and Treatment of Marine Litter



Collection, stacking and transportation of marine litter

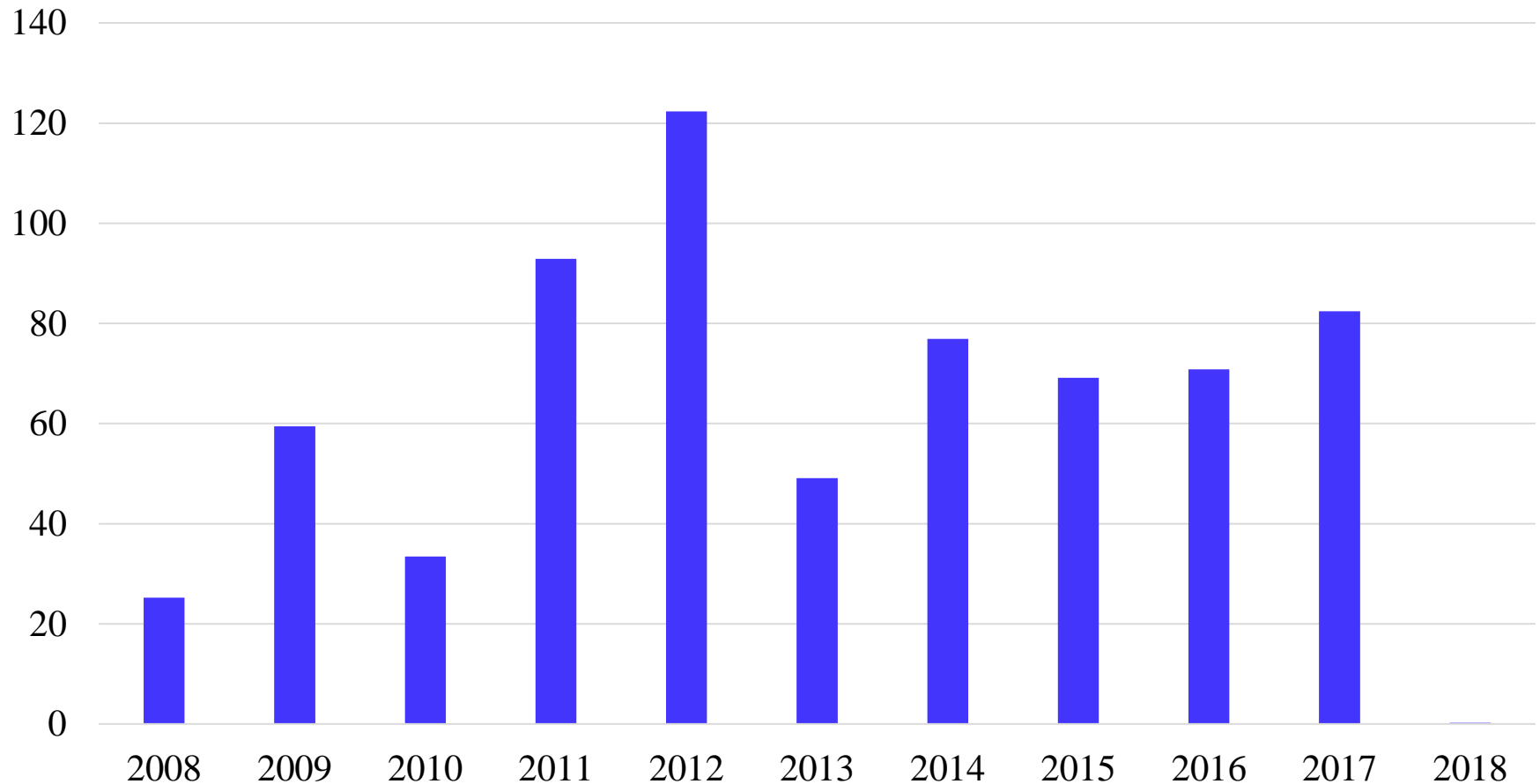


Collected buoy melting facility for recycling

Reference: Marine Litter Information System, www.malic.or.kr/sub03/01/s12.do

Removal & Treatment of Marine Litter

Unit: Thousand tons



Reference: Marine Litter Information System, www.malic.or.kr/rest/collection/year/0000/null/null/null



Suncheon bay, South Korea

Thank you for your attention !