

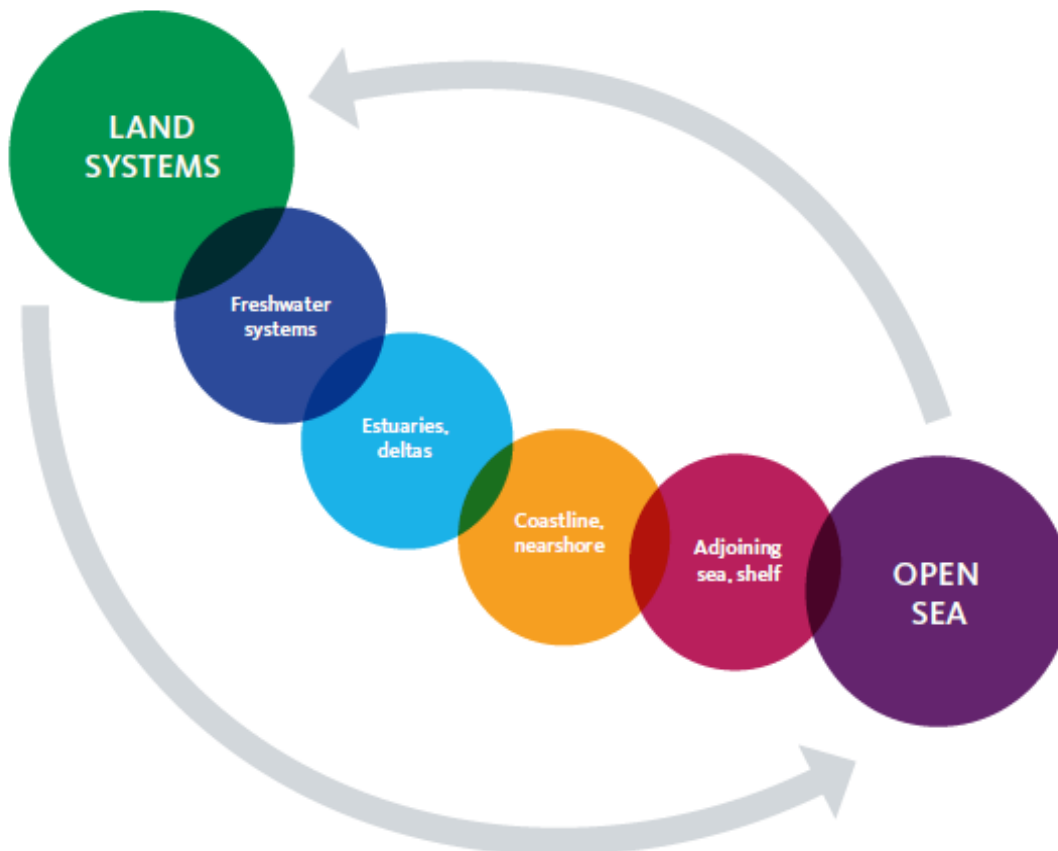
sustainable  
sanitation  
alliance

**Source-to-Sea Management – a new topic for  
SuSanA WG4?**

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**SuSanA WG4&6 Meeting  
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Uganda**

# Source-to-Sea Management



**6 key flows:**  
Water, biota,  
sediment,  
pollutans,  
materials and  
ecosystem  
services

**Characterize → Engage → Diagnose → Design → Act → Adapt**

# Taking the sanitation & wastewater lens

- How is sanitation and wastewater management addressed in the source-to-sea approach?
- Which tools and practical experience from the sanitation sector can be used to inform the source-to-sea approach and to support its practical application?
- What are the opportunities that the source-to-sea approach offers for the sanitation sector?

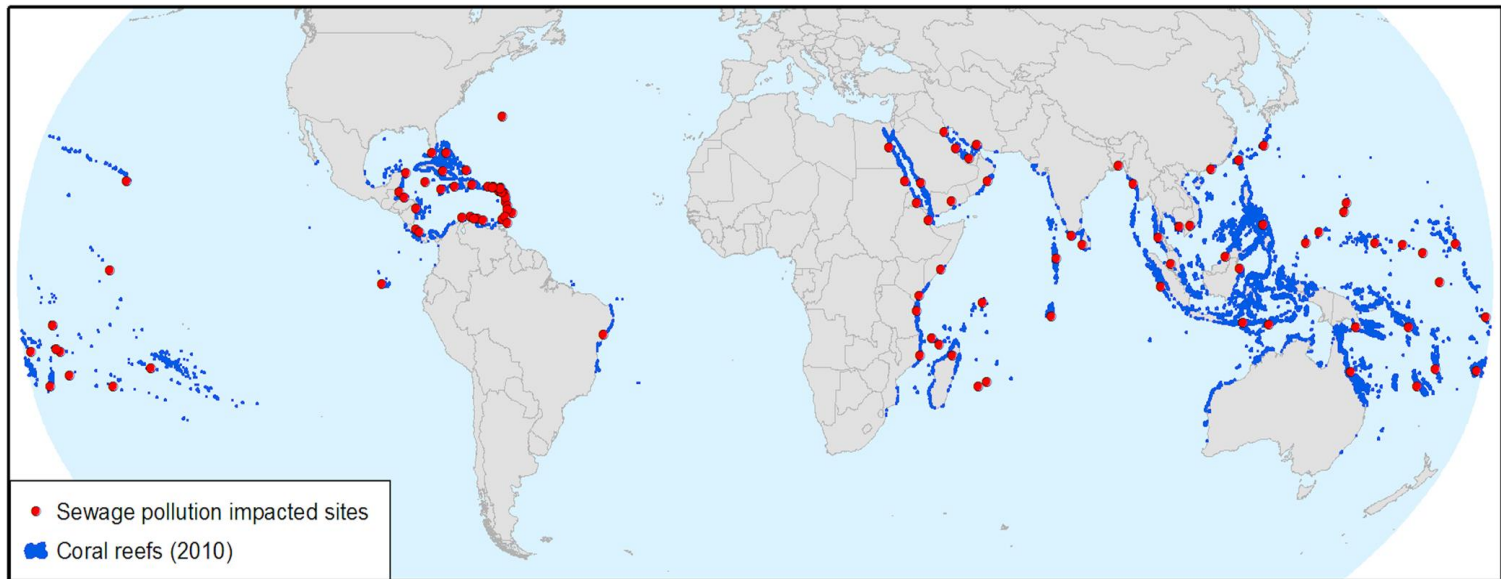
# I. Wastewater



- 2.5 billion people (about 40% of the global population) live within 60 miles of the coast.
- Worldwide, about 4.5 billion people lack safe sanitation.
- Existing sewage systems regularly overflow with heavy rainfall, dumping raw sewage into coastal areas.

# Coral Reefs

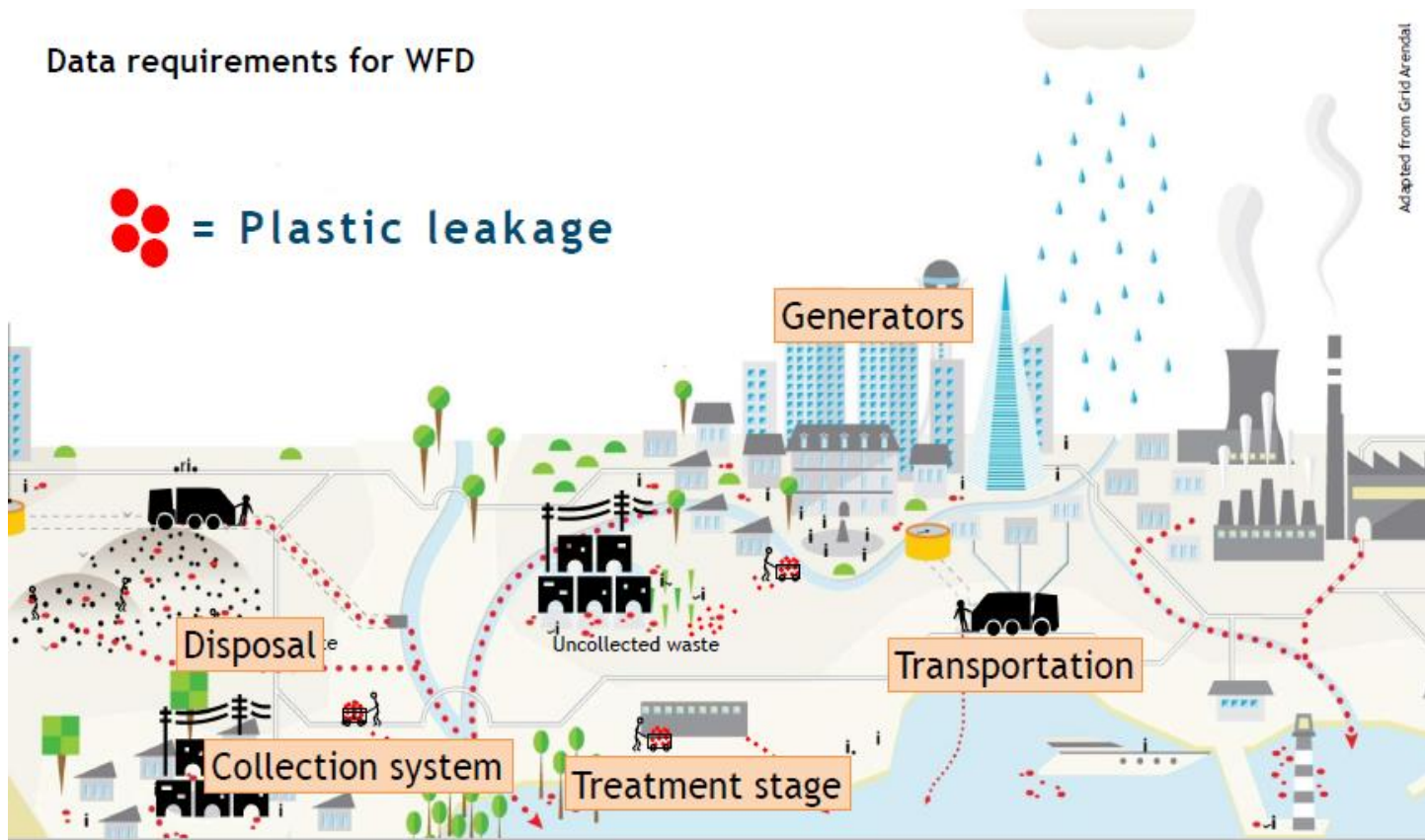
- of 112 coral reef geographies, 104 have documented sewage contamination problems, with the majority having documentation of direct ocean discharge.



## II. Solid Waste / Plastic Waste

Data requirements for WFD

 = Plastic leakage



Adapted from Gritd Arendal

## a) Pit latrines



## b) Drainage system





## c) Treatment Plants



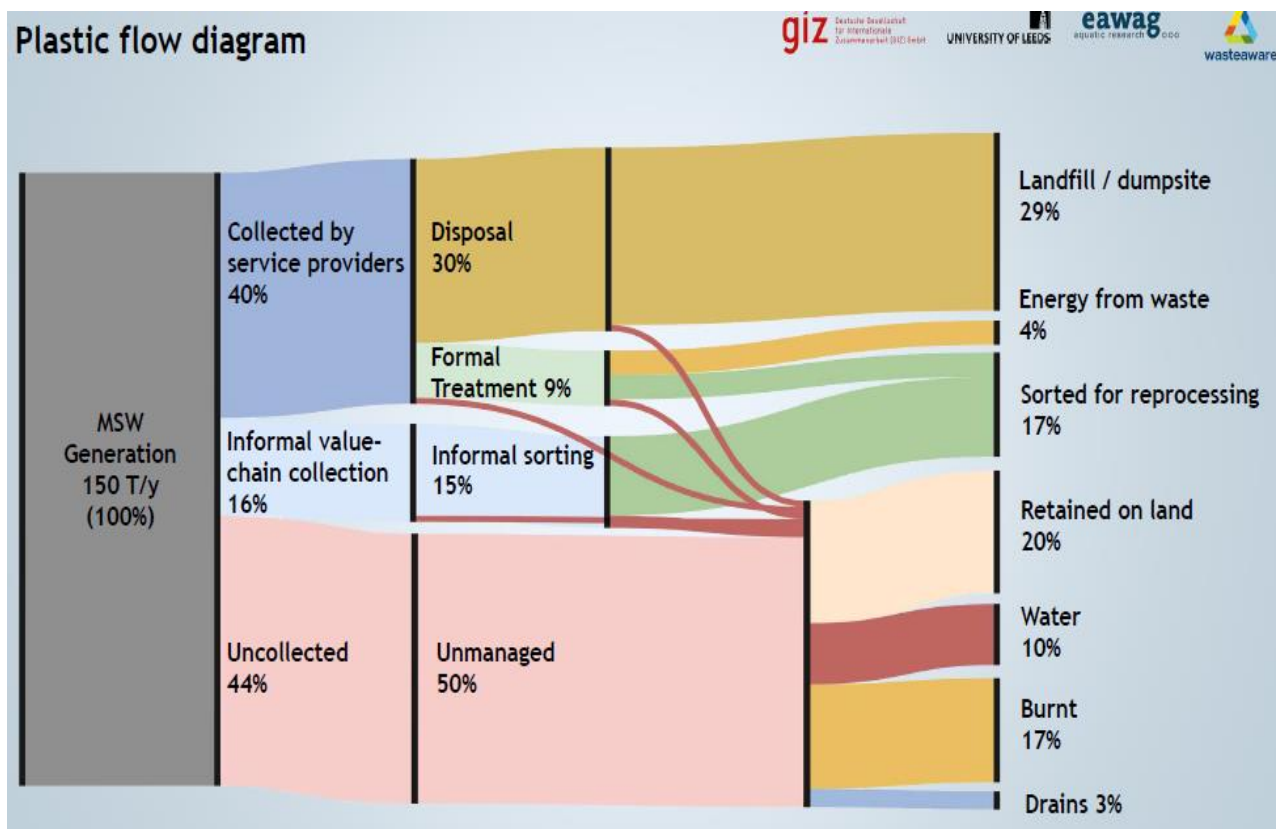
## d) Microplastic





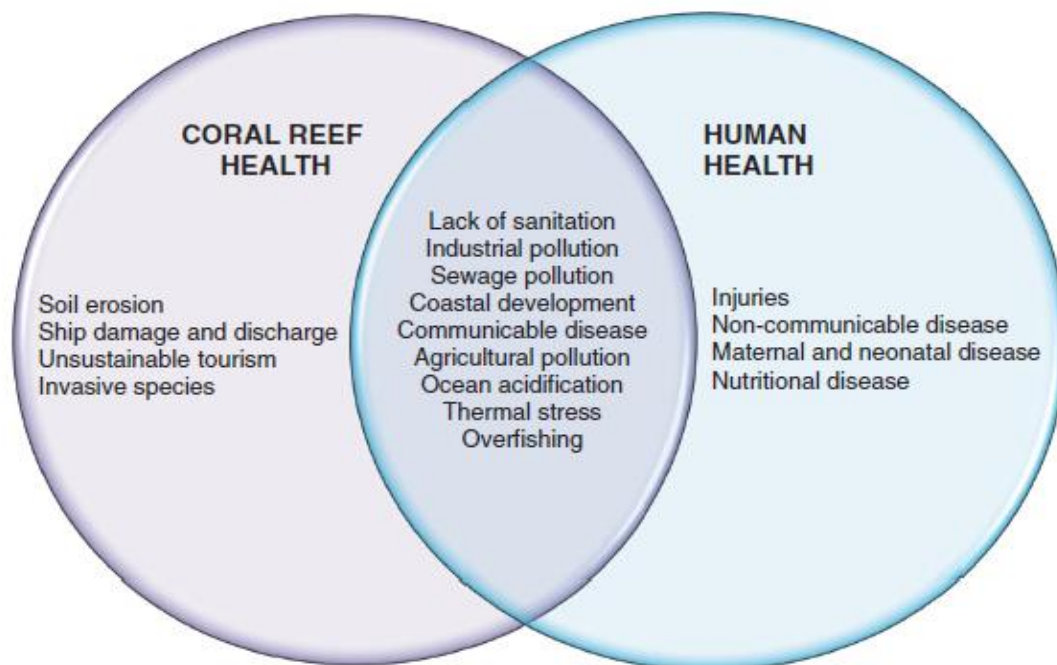
# What can the sector contribute?

- Waste flow diagram



# Opportunities for SuSanA

- Sustainable sanitation has multiple benefits and contributes to various SDGs



## Opportunities for SuSanA

- Draft discussion Paper on sanitation/Wastewater in the Source-to-sea approach will be shared on the SuSanA Forum
- Practical examples and contributions are welcome
- SuSanA can provide an inclusive platform for intersectoral cooperation and new alliances between actors from marine ecology, health, WASH, water resource management..

**Thank you for your attention!**