

Shit Flow Diagrams

What is the benefit to me?

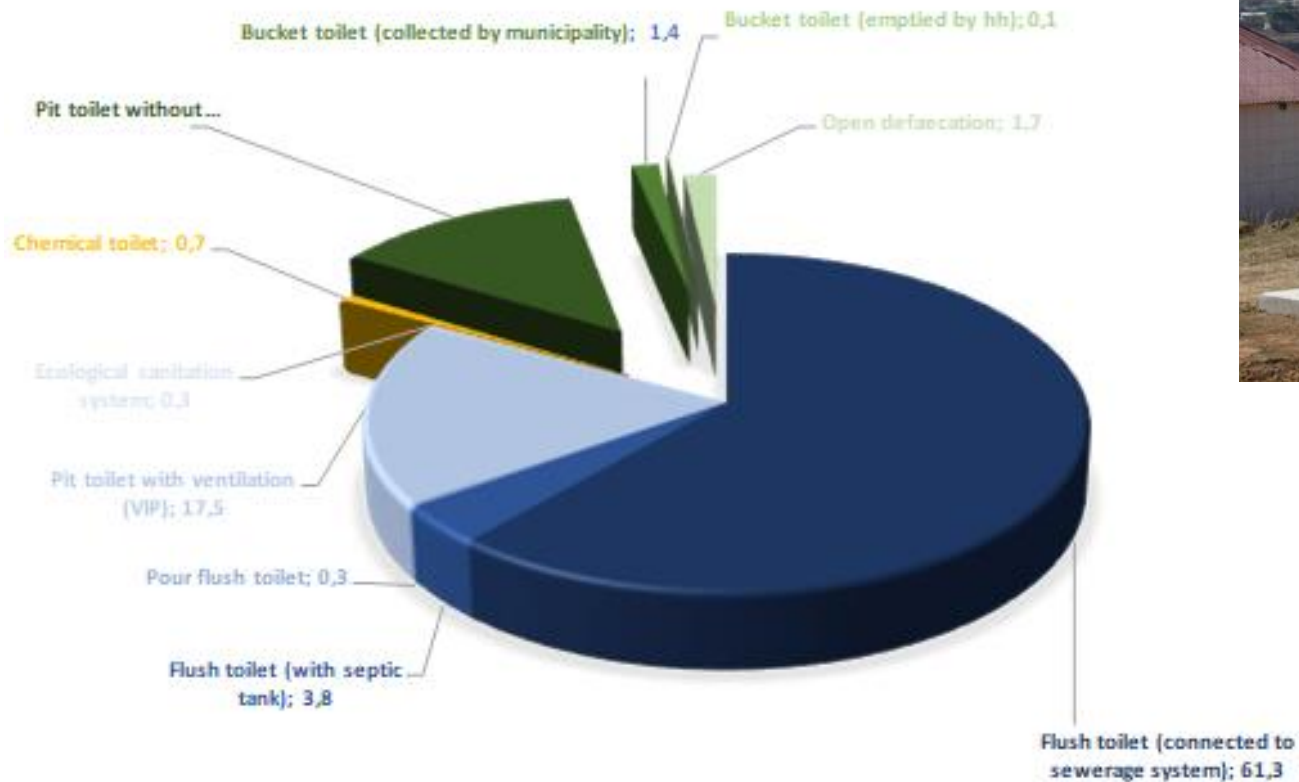
What is the benefit to sector?

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Municipalities can have different types of toilets

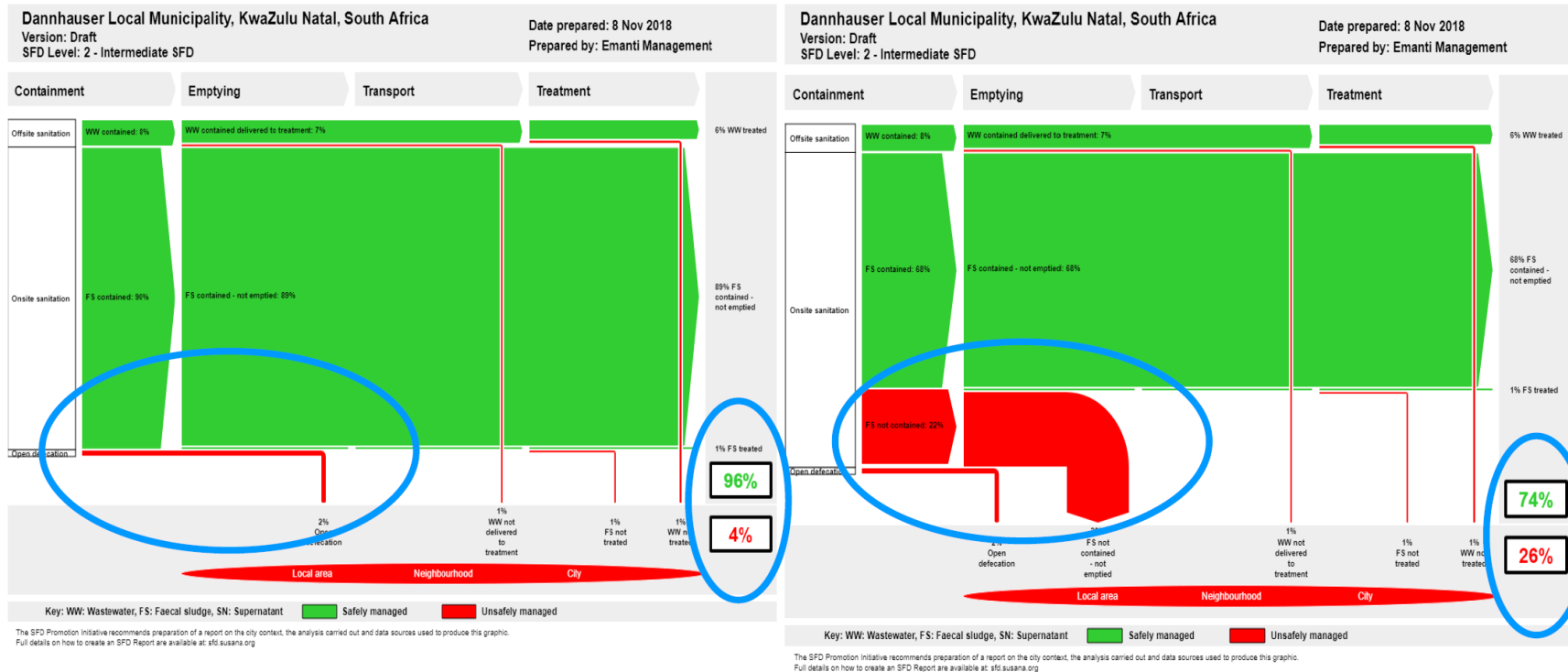


How do we manage different technologies?

- Incentive-based regulation approach
- Green Drop: awarded to wastewater systems that obtain scores of 90% against criteria set for wastewater management
- Non-sewered sanitation not on radar but can make significant percentage of the budget (primary and secondary backlogs)
- Shit Flow Diagrams – easy visualization of where priority is required



We have done this exercise before in SA



- Eight SFD reports developed
- No municipality is 100% sewered
- Interactions have confirmed that >50 % of pits and/or tanks are not emptied
- SFDs highlighted gaps and areas of concern related to the sanitation chain
- Innovation: Forecast modelling (see figure)
- Need for Remedial Action Plans – SFDs only point problem – need for solutions / action plans around SFDs

Benefit to me (and sector)?

- Good data = good planning
- Understanding & communicating where budget needs to be prioritized for sanitation services
- KPI monitoring for intervention
- Capacity for data capture and analysis by universities
- Functional management tool for the future