

# Mason's Training Programme on Onsite Treatment Systems

Session: 4 Sanitation and role of mason in Sanitation

November 18, 2016

TECHNICAL  
SUPPORT UNIT:

**iihs**<sup>TM</sup>  
INDIAN INSTITUTE FOR  
HUMAN SETTLEMENTS

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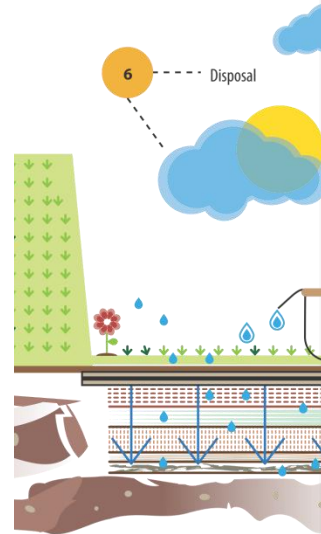
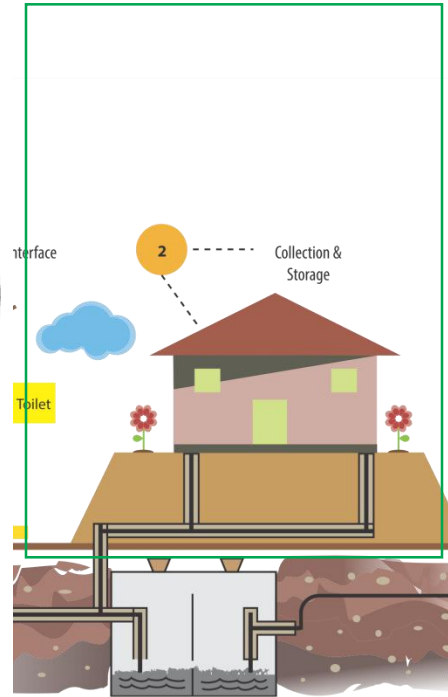
# User Interface: Reality Check

User Interface



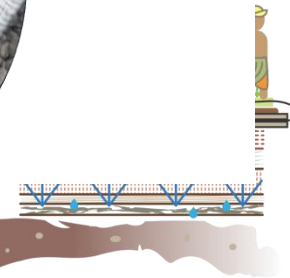
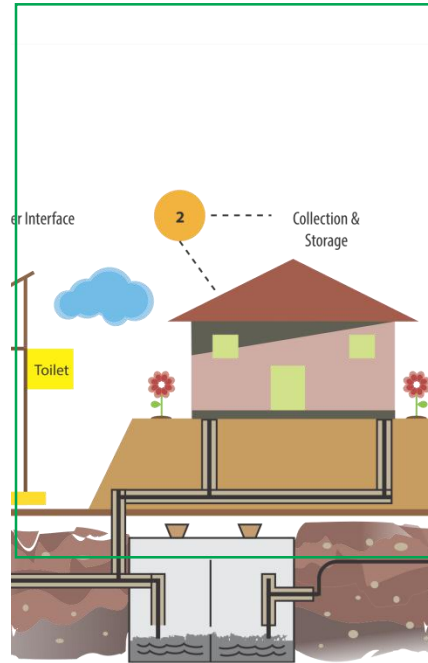
# Containment : Reality check

## Containment



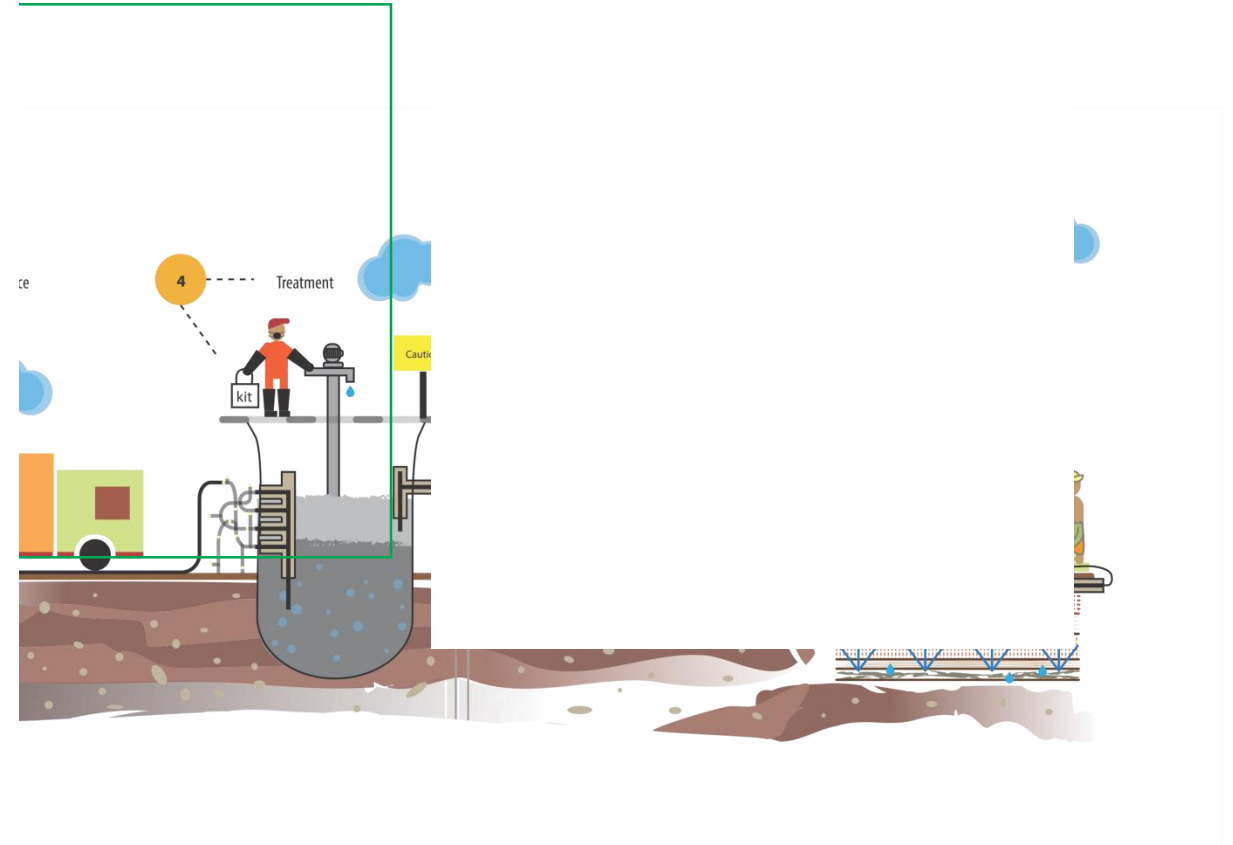
# Transportation: Reality Check

Transportation



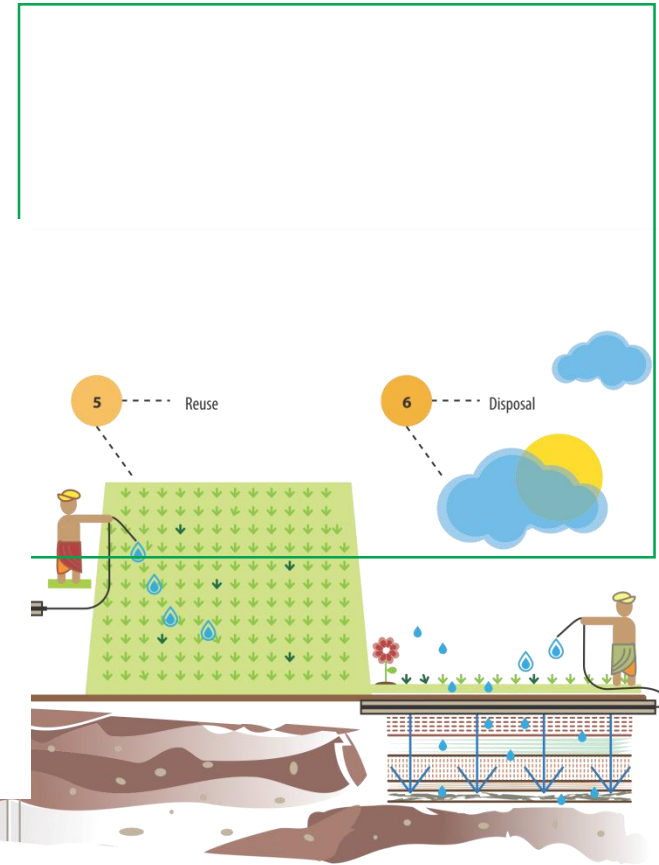
# Treatment : Reality check

Treatment



# Disposal & Reuse: Reality Check

Disposal & Re-use



# Health and Environmental Hazards



# Impact - Health, Environment & Resources



Diarrhea & Death



# Impact - Health, Environment & Resources

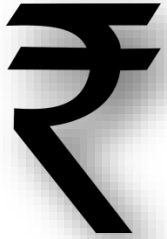


Mosquito breeding



Bad odor & stinking

# Impact - Health, Environment & Resources



Economic loss



Dwindling natural resources



Water pollution

# Role of masons in Sanitation: Containment (OSS)



Soak pit



Septic tank



Masons play a key role in constructing containments a place to Store and treat the excreta at the point of generation



Twin pit



Urine diversion dry toilet



# Role of mason in sanitation

- ✓ Of over 50 categories of construction workers – Masons are the most important category of skilled construction workers
- ✓ Masons role is key in ensuring a modern open defecation free India
- ✓ One of the greatest service to the community by reducing preventable communicable diseases
- ✓ Directly affects the well-being and economy of our country.

# Potential for onsite sanitation systems

- ✓ Onsite treatment system is a 3.2 Lakh Crore market in India
- ✓ enormous opportunity for building quality Toilets and On-site sanitation systems – SWACHH BHARATH MISSION





# Prime Ministers appeal to Masons

**“Pehle shauchalaya, phir devalaya”, the clarion call of the Prime Minister of our country can be realized only through the hands of Masons.**



# Masons Pledge

**Every brick you lay will be the foundation of a healthy and wealthy India. Every mixture you create with cement and sand today, will bond our nation with the best countries in the world tomorrow**



**Any further questions?**

**... Thank You!**