



Menu on Un-Networked Technologies

For sewage and septage management



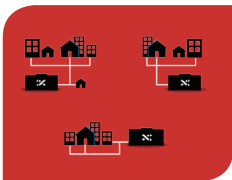
What is MOUNT?

MOUNT is an aggregator platform for various sustainable technologies, encouraging and disseminating knowledge and good practices for wastewater management. The preference for sustainable technologies is mainly due to CSE's continuous motivation towards usage of sustainable and environmentally harmonious technologies.

How can I use MOUNT?

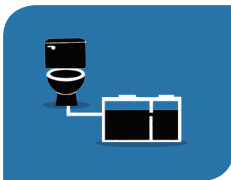
As MOUNT is a technology aggregator platform which can be used by engineers, planners, environmentalist and all related practitioners. The technologies have been categorized into 4 technological heads on the basis of parameters as listed on the last page. Under the 4 technological heads there are 19 sub technologies which can be searched in three different ways :

1. Search by technology



Decentralised treatment

A facility where domestic wastewater (both black and grey water) is treated close to the source at community or institutional scale to allow for safe local reuse or disposal of generated effluent.



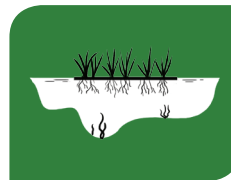
Onsite treatment

A facility (it may include user interface as well) that, in absence of sewerage network, collects and fully/partially treats the black water to allow for safe reuse or disposal of generated effluent



Faecal sludge treatment

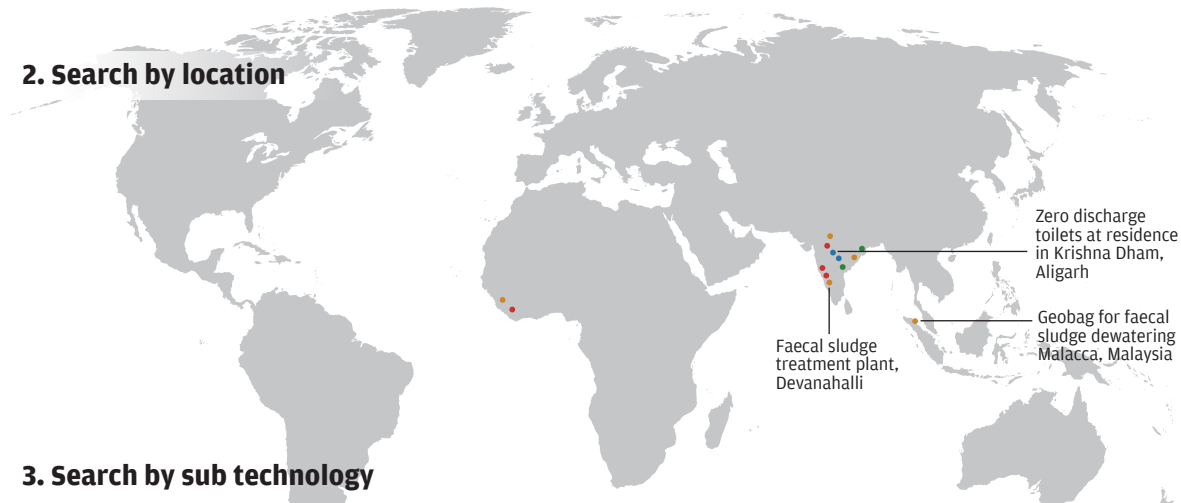
A facility where the septage and/or faecal sludge is received (by vacuum trucks or otherwise) as an input and gets fully treated to allow for safe reuse or disposal of generated output (both solid and liquid).



In-situ treatment

A facility where interventions are done at the receiving waterbody (like lakes, ponds and rivers) and/or open drains/ nullahs itself for rejuvenation of the receiving water bodies

2. Search by location



3. Search by sub technology



Nualgi technology



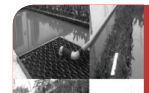
Green bridge technology



Bio sanitiser or echo chip technology



Decentralised waste water system



Soil bio technology (SBT)



Phytorid wastewater treatment system



Faecal sludge treatment plant



Co-treatment with solid waste



Co-treatment with sewage



Bio-toilet



Bio-digester



Septic tank

visit : www.cseindia.org/mount/home

Parameters for categorisation

| | On-site treatment | Decentralised treatment | Faecal sludge treatment | In-situ treatment |
|--------------------------------|-------------------|-------------------------|-------------------------|-------------------|
| Sub-type of technology | ✓ | ✓ | ✓ | ✓ |
| Area of each unit | ✓ | | | |
| Capital cost (unit or per KLD) | ✓ | ✓ | ✓ | |
| Operation and maintenance cost | | ✓ | ✓ | |
| Capacity | ✓ | | | |

4

Categories of technologies

19

Technologies

47

National case studies

8

International case studies

Contribute your knowledge by sharing new technologies for treating wastewater and faecal sludge OR an implemented case study. Send in your details on **water@cseindia.org**

This initiative is supported by Bill and Melinda Gates Foundation



Centre for Science and Environment

41 Tughlakabad Institutional Area, New Delhi 110 062

Ph: (11) 40616000 Fax: (11) 2995 5879

www.cseindia.org



QR code

For details contact:

Dr. Suresh K. Rohilla

srohilla@cseindia.org

Bhitush Luthra

bhitush@cseindia.org

Amrita Bhatnagar

amrita@cseindia.org