

CASE STUDY DESCRIPTION



Institute name: Centre for Science and Environment

Unit of relevance: Sub-course 3 (Unit 3)

Link to video: <https://youtu.be/pV53BN0HF9g>

TITLE: Faecal Sludge Management (FSM) in Delhi (India)
DURATION: 15:13 minutes
PROBLEM STATEMENT: In most low and middle income countries, the sanitation needs of the majority of people are served by onsite sanitation technologies. The problem with the on-site sanitation technologies however, is that they need to be desludged at some point but more often than not, there are no management systems in place to deal with this.
DESCRIPTION: A large portion of Delhi is unsewered. Almost half of the households either use septic tanks or openly defecate. This case study looks at the environmental and technological issues of Faecal Sludge Management in Delhi. It also focuses on the issues surrounding collection and transportation of faecal sludge and some possible solutions.
PRESENTATION STYLE: The case study is presented as follows: <ol style="list-style-type: none">1. Views on FSM from experts, government officials, service providers and users2. Animation of onsite sanitation technologies with narration3. Concludes with solutions
TAKE HOME MESSAGE: <ol style="list-style-type: none">1. Acknowledgement that onsite sanitation systems are part of the sanitation story of India and other countries and should therefore be planned for.2. Better designed sanitation systems are not enough if not operated and maintained properly.3. Better regulations and enforcement.4. Government authorities need to partner with the private providers in order to ensure sustainable faecal sludge management.