

## cewas South Asia: Technical Module

Day 1	Day 2	Day 3	Day 4
Introduction to water and sanitation	Understanding your system	Wastewater Treatment Systems	Introduction to faecal sludge management
How water has been playing important part in our lives? How water and sanitation is linked? Current situation at global level.	Overview of local water and nutrient cycle. Root cause of problems, how problems are linked. Deeper understanding of the interrelationships between water, sanitation and agriculture.	What is wastewater? Collection and Treatment processes. Introduction to decentralised approach towards wastewater management.	What is faecal sludge/septage? Why it needs to be managed? What is happening currently and the future business potential.
Water and sanitation in India	Sanitation systems	Natural wastewater treatment systems	Treatment of faecal sludge
Where does India stand in regards of water and sanitation? What is happening around us? Swachh Bharat Mission & Swachh Maharashtra Mission Sanitation as business	History of sanitation systems. How it changed over the period of time? Introduction to different toilet systems, their applicability. Choosing site appropriate toilet system. Toilets included in SBM list.	Multi barrier approach, design criteria, design principles. Steps to design a natural wastewater treatment system.	Design and selection of treatment technologies, treatment technologies for faecal sludge. Integrated approach for faecal sludge management.
Sustainable Sanitation and Water Management	Sustainable Sanitation	Toilet +	Innovations in faecal sludge management
Concept introduction. The water and nutrient cycle, Sustainable Sanitation. Linking up sustainable sanitation, water management and agriculture.	Improved and different components of toilets. Dimensioning of containment (septic tank, soak pit and other components of a toilet.	Applicability of the natural wastewater treatment systems in different scenarios & their business potential	Innovations in collection, transport, treatment and resource recovery.