Online Training on Designing of Faecal Sludge Treatment Plants

About the Training
Across the globe, faecal sludge management (FSM) has become a key component of safe sanitation to large populations living in non-sewered areas. One of its critical aspects is the treatment of faecal sludge through appropriate treatment plants - the need for which will increase as FSM scales up across the world. However, given the nascent stage of the sector, there are not enough professionals who can design faecal sludge treatment plants (FSTPs) for different contexts. This online course aims to bridge the shortfall of skilled professionals in designing FSTPs. It aims to equip participants with an understanding of various approaches and technologies for faecal sludge treatment, key considerations for layouts, sizing and design of FSTPs. Participants will also learn how to design key components of treatment.

Target Audience
Engineering professionals who wish to get involved in designing faecal sludge treatment plants.

Course Outcome
At the end of the training, participants will be able to design faecal sludge treatment plants based on drying bed technologies; and will be familiar with thermal, electro-mechanical and co-treatment approaches for treating faecal sludge.

Agenda: Session Themes

Day 1: 14th February, 2022: Introduction to the training and setting the context for Faecal Sludge Management
Day 2: 15th February, 2022: Quantification and Characterisation
Day 3: 16th February, 2022: Introduction to Treatment Technologies
Day 4: 17th February, 2022: Reuse, Screening and Thickening
Day 5: 18th February, 2022: Trenching and Pre-treatment
Day 6: 21st February, 2022: Stabilisation Reactor
Day 7: 22nd February, 2022: Unplanted Drying Bed - design process
Day 8: 23rd February, 2022: Planted Drying Bed - design process
Day 9: 24th February, 2022: Electro mechanical and Thermal Treatment
Day 10: 25th February, 2022: Liquid treatment & FSTP site layout
Day 11: 28th February, 2022: Hydraulic Profile
Day 12: 2nd March, 2022: Economics of Faecal Sludge Management & Wrapup

Online Registration
Organizations intending to nominate 3 or more people can write to us for better coordination.

Check out what participants of our other courses have to say:
https://www.youtube.com/watch?v=ACtg2HmbGvA
https://www.youtube.com/watch?v=o8Eu5rWaEwW&t=67s

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