Training program on Implementing and Operationalizing Faecal Sludge Management

14 - 18 October 2019

About the Training

The awareness for Faecal Sludge Management (FSM) in India has been on the rise since the last few years, with India moving closer to achievement of the Open Defecation Free (ODF) status. With developments like the demonstration of pilot treatment facilities and the issuance of a National Policy on Faecal Sludge and Septage Management (FSSM), FSM has indeed arrived into the consciousness of many governments and private sector players. Currently, several states have taken up large scale initiatives in implementation of FSM projects and in the next five years, it is expected that more than 500 FSTPs will be designed, built and operated in India. However, the current market of service providers including contractors and operators of FSM systems is not in a position to meet this increase in demand, given the lack of understanding of FSM opportunities and operations. As a result many tenders go unattended or get a luke warm response.

This training aims to address such gaps by creating a pool of private sector enterprises, which can cater to the increasing demand for faecal sludge management services. The training will cover a wide range of topics covering opportunity landscape, technology options, contracting models, regulations around FSM as well as provide an interactive bidding simulation experience to participants. The training also includes experience sharing by private entrepreneurs on running FSM services in India and Malaysia.

Exposure visit: Participants shall visit a model FSM town – Devanahalli, where they shall interact with the key stake holders to understand the business of FSM better.

Who should attend?

The training is primarily targeted at:
- Persons/organisations interested in venturing into FSM as a business opportunity.
- Contractors and operators keen to offer FSM as a service or product.
- STP operators who wish to engage in FSM opportunities.

While the training is designed from the above participants' perspective, it shall also cater to needs of:
- Engineering and management consultants working in FSM planning.
- NFSSM Alliance members, partner organisations and other civil society organisations who wish to enhance their understanding of the implementation and operational details of FSM.

Organised by:

Supported by:
Key Topics

- Regulatory framework for FSM landscape & opportunities for private sector engagement
- Economics of the FSM service chain
- Technology options for collection, conveyance and treatment of faecal sludge
- Experience of running FSM services at a city/country scale
- Procurement methods in FSM

Training Outcomes

At the end of the training participants shall be able to judge and analyse the opportunities in the FSM service chain and meaningfully create business models that shall enable them to participate in the opportunity while simultaneously addressing the environmental issues arising from improper sanitation.

Key Trainers

**Dorai Narayana**  
Internationally renowned management expert on FSM. Has spent over three decades in various roles at Indah Water Konsortium, Malaysia. Has also advised the Indian govt. on FSM policies and regulations.

**Ganapathy P.G**  
Presently the Director of CDD Society, P G Ganapathy has 25 years of experience consulting in the areas of water & sanitation, housing, urban infrastructure and sustainability.

**Dorai Narayana**  
Internationally renowned management expert on FSM. Has spent over three decades in various roles at Indah Water Konsortium, Malaysia. Has also advised the Indian govt. on FSM policies and regulations.

**Sujaya Rathi**  
Urban specialist, certified planner and an active member of the NFSSM Alliance working on several FSM initiatives like the FSM Toolbox, decision support system for technology choice, and capacity building.

**Praveen Nagaraj**  
As technical lead at CDD Society, he has been instrumental in developing the organisation’s FSM programme. He has served as a trainer in various training programmes on design and management of FSM.

**Sandhya Haribal**  
She brings on board her experience in the sanitation sector, public procurement and PPP transaction advisory services. She has also supported Govt. entities in various capacity building & training initiatives.

**Santhosh Garakahalli S**  
Project Manager at CDD Society. Has over 5 years’ experience in design and implementation of wastewater and faecal sludge treatment plants as well as providing training and capacity building support.

Participation Details

The training is open for 20 participants only. Since this is a specialised course, we encourage participants with some basic understanding in FSM or STP operations to apply. Also, in order to keep the participant group size limited for effective delivery and interaction, there may be some screening of registered candidates.

*Fee includes Food & Accommodation wherever applicable

**Course Fee applicable**

- Indian participant : Rs. 40,000/- (single occupancy accommodation)
- Indian participant : Rs.30,000/- (double occupancy accommodation)
- Indian participant : Rs.15,000/- (non residential)
- International Participants : USD 650/ EURO 600 (single occupancy accommodation)

*Registration: Apply online at:  [https://www.fsmtrainings.com](https://www.fsmtrainings.com) | [https://www.cddindia.org](https://www.cddindia.org)  
Last date for registration: **5 October 2019**

Contact Details & Venue

**Centre for Advanced Sanitation Solutions**  
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