

FSM3 Workshop Proposal

WORKSHOP TITLE

Planning Tools for City-wide Septage Management using Whole System Approaches

ORGANIZATIONS INVOLVED

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH; IRC; EAWAG - Swiss Federal Institute of Aquatic Science & Technology, Sandec

LEAD ORGANIZER (MAIN CONTACT PERSON)

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NAMES OF WORKSHOP CO-FACILITATORS

Ingeborg Krukkert representing IRC team
Christoph Lüthi representing EAWAG team

DESCRIPTION

Context

Getting FSM right is not simple. To date, there are still sanitation programmes that do not take faecal sludge management into account, and even if they do, it is often not easy to make faecal sludge management work beyond pilot-scale. No single organisation working on faecal sludge management (FSM) can succeed changing a failing system by itself. The whole system of individuals, organisations, technologies and the institutions (political, financial and regulatory) that links them needs to work and work more effectively. Taking such a 'whole system approach' into consideration is thus necessary for adequate faecal sludge management. However, despite knowing what needs to be in place, it remains challenging to integrate all these aspects into a single intervention, beyond technical solutions.

Rational / Purpose

Given the critical role of septage management in supporting rapidly urbanizing cities in developing nations as a solution, the FSM3 conference provides an ideal opportunity to understand and reflect on whole system approaches. This will include generating knowledge for the development of FSM planning tools and instruments; testing practical and implementable tools to advise cities in upgrading sanitation.

Specific learning objectives

1. Share Septage Management **whole system approach** and provide practical means for use in city-wide professional practice
2. **Increase understanding** of whole system approaches in professional practice through use of tools
3. Reflection/feedback on **applicability of tools** for improved understanding of the whole system approaches

Preferred number of participants

20 to 25 participants

PARTICIPATORY PROCESSES AND PARTICIPANT ENGAGEMENT METHODS

The methods should indicate how these will achieving the above learning objectives listed above

Two participatory formats are proposed to be used as part of the workshop.

Format 1: A rating exercise cum role play to map key issues for sludge management from different stakeholder perspectives. This exercise will help participants reflect on what a 'whole system approach' on FSM entails, and what the benefits are of adopting such an approach.

Format 2: A modelling exercise to learn and understand elements of city-wide septage management planning. This exercise will allow participants to dive into the details of SM planning in a typical city using various elements from a whole system approach. The methodology for the exercise focuses on practice-oriented and interactive learning. It has the background of the Harvard Case Method, which conveys teaching messages mainly through interactive practical work done by the participants.

The two exercises will make the participants familiar with the various dimensions of a whole system approach to SM, as well as providing experience on how to put this approach into practice when planning for city-wide septage management. The joint reflection is expected to summarize the exercise results in using planning tools for sustainable city wide approaches.

ACTIVITY DESCRIPTION

| Activity Description | Link to learning objective | Time required | Facilitators | Resource requirements needed from venue | Resources provided by Trainer |
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| <p>Introduction to workshop Overall Moderator : Dirk Walther supported by Ingeborg Krukkert, Christoph Lüthi</p> <ul style="list-style-type: none"> • Introduction • Impact presentation | Setting the reference frame, briefly sketching the status of current systems, understanding workshop objectives | 15 mins | GIZ, IRC, EAWAG | Room of 30 seating capacity (at least 6 tables of 5 seating), LCD projector, screen, | Presentation slides, participant hand outs |
| <p>Exercise: FSM whole system perspective along the value chain Session moderator: Ingeborg Krukkert</p> <ul style="list-style-type: none"> • Introduction and grouping of participants into user groups • Ranking exercise on the importance of FSM from various user perspectives across the value chain • Participants joint mapping of the perspectives into the 5 cross-cutting dimensions • Discussion on importance levels for various stages of value chain, identification of blind spots | Understanding whole system approaches and its maturity in current city settings | 60 mins Plenary introduction to the exercise and organising participants into groups (10 min) Group exercise (20 min) Plenary discussion on outcomes exercise (30 min) Wrap up discussion (10 min) | IRC | Portable microphone (2 Nos.) flipchart 4 paper blocks 40 coloured cards (10 of 4 colours), 10_pens, 10 marker pens, LCD projector, and screen. At least 4 tables for group work or an additional room for breakaways sessions; | Hand outs for participants; definitions |

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| <p>Exercise: City wide Septage Management Planning Tool Session moderator: Rahul M Sharma and Christoph Lüthi Session support – Jitendra M Yadav, Nagasreenivas Kanchi</p> <ul style="list-style-type: none"> • Introduction and organisation of participants in groups • Visualising the city from service provision at scale using whole system approach • Identifying the challenges and defining the actions list from various cross-cutting dimensions (Technical; Financial; Social; Legal & regulation and Institutional & governance) • Cross-learning of group work • Moderated discussions on the comprehensive action items and their prioritization • Wrap up | <p>Unbundling factors driving sustainability and its application in city planning & Septage management</p> | <p>90 mins Introduction to exercise & organising groups (15 mins) Group exercise (30 mins) Cross learning and plenary discussions (40 mins) Wrap up (5 mins)</p> | <p>GIZ, EAWAG</p> | <p>Pin boards (4 Nos.), brown paper for pinning (1 roll) Portable microphone (2 Nos.) flipchart 6 paper blocks, 160 coloured cards (20 of 4 colours of rectangular shape and 20 of 4 colours of round shape), 20 pens, 10 marker pens LCD projector and screen, stickers of different colours. At least 4 tables for group work or an additional room for breakaways sessions</p> | <p>Hand outs for participants on city categories, definitions, steps for group exercise</p> |
| <p>Joint reflection Session moderator: Ingeborg Krukkert and Christoph Lüthi)</p> <ul style="list-style-type: none"> • Moderated discussions on the exercises and learnings, drivers (commonalities and differentiators) for cities in transition | <p>Synergizing whole system approaches and deciding next steps</p> | <p>15 mins</p> | <p>GIZ, IRC, EAWAG</p> | <p>LCD projector, screen</p> | <p>Presentation slides of workshop summary</p> |