



### Call for papers and workshops

JANUARY 18 – 22, 2015, HANOI, VIETNAM

#### From solutions to actions

- Innovations in Faecal Sludge Management
- Making access to sanitation a reality
- Identifying replicable solutions working at scale
- Bridging innovations with policy and practice
- Scaling up of innovative solutions
- Horizontal learning and lessons from the field



### Call for abstracts of papers, workshops and case studies

FSM3 will build upon the success of FSM2 which was held in Durban, South Africa from 29-31 October 2012, attended by 320 delegates from more than 30 countries and five continents. The 3-day conference comprised 16 presentations from invited keynote speakers and more than 90 presentations and workshop discussions on FSM developments, experiences and challenges.

The third conference aims to share and build on practical FSM developments, research and experience since the Durban meeting. Abstracts submitted for oral and poster presentation are expected to fit within at least one of the conference themes shown below. Preference will be given to abstracts that demonstrate approaches which have been successfully implemented and sustained at scale with learning points that can be applied to similar situations elsewhere.

### Conference Outline

FSM3, Hanoi, January 18 – 22, 2015

Effective city-wide Faecal Sludge Management (FSM) services are essential for a healthy and sustainable future for all cities and towns in low- and middle-income countries, where much of the population uses on-site sanitation.

Building on the success of the two previous International FSM Conferences in Durban (2011 and 2012), FSM3 will bring together applied researchers and scientists with representatives of national and city governments, utilities, service providers, development partners and industry, with the aim of fostering a productive dialogue on emerging solutions for the collection, disposal and treatment of human waste from on-site sanitation systems.

The conference in Hanoi will provide an important opportunity for practitioners to discuss the latest developments in research, policy and practice on FSM with a view to improving and expanding the range and scale of FSM initiatives.

The goal of FSM3 is to build bridges between applied research and people working in different organisations, countries, cities, and urban areas to promote more effective approaches to the scaling up of practical FSM solutions.



### The Conference themes - combining world-class applied research and practical application

Given the conference scope, submissions on any of the following themes and sub-themes are being considered for participation:

#### The enabling environment for FSM

Institutional framework, regulation and political advocacy, public private partnerships

#### Ensuring city-wide FSM service delivery

FSM as part of integrated city sanitation planning, decision-support systems

#### FSM as an enterprise

Commercial viability, financing arrangements and cost recovery

#### FS desludging and transportation

FS characterization, technologies and O&M of pit emptying, collection and FS transportation

#### Sustaining FSM services

Logistics, management arrangements, performance-based contracting,

#### Innovation in FS treatment

Developments in treatment technologies, co-treatment with organic solid waste; operational performance and O&M

#### Maximizing resource recovery

How to maximize beneficial use of FS treatment end-products (energy, nutrients and water)

#### Health and environmental risks of FSM

Assessment and mitigation of health risks and environmental impacts

#### Socio-cultural aspects of on-site sanitation

Societal factors, social marketing and advocacy for FSM

## Conference format

The conference will include keynotes, plenary sessions, interactive and participatory workshops and poster presentations. FSM3 will examine, discuss and distil learning points from successful examples of FSM being implemented at scale in urban areas across the world, which are applicable in low- and middle-income countries, and from innovations with a clear and realistic potential for implementation at scale. The focus will be on practical solutions and learning from real-life examples including the community, institutional, financial and technical aspects.

- For donor agencies, development partners, investors, utilities, consultants and city managers, thematic workshops will be convened to share tools that will help taking action to improve FSM.
- Oral presentations for both the plenary and technical workshop sessions will be drawn from the best submissions to the call for abstracts, and also by invited speakers who are leaders in the field of FSM.
- Poster presentations will additionally stimulate learning and discussions.
- Manuscripts submitted for presentations in the technical sessions will be considered by the Program Committee for recommendation for publishing in the IWAP's journals Water Science and Technology, Water Practice and Technology and Water, Sanitation and Hygiene for Development.

### Programme Committee

- Dr. Linda Strande	Eawag–Sandec
- Assoc. Prof. Dr. Nguyen Viet Anh	Institute of Environmental Science and Engineering (IESE)
- Dr. Martin Mulenga	UNESCO-IHE
- Mr. Jay Bhagwan	Water Research Commission (WRC), South Africa
- Dr. Jonathan Parkinson	Integrated Sanitation Solutions (i-San) Consulting

### Strategic Partner Advisory Board

- Ms. Isabel Blackett	Water and Sanitation Program - World Bank
- Dr. Doulaye Kone	Bill & Melinda Gates Foundation
- Mr. Peter Hawkins	Water and Sanitation Program - World Bank
- Dr. Pay Drechsel	International Water Management Institute (IWMI)

### IWA Strategic Group Advisory Board

- Dr. Mariska Ronteltap	UNESCO-IHE (representing the Resources Oriented Sanitation (EcoSan) SG)
- Assoc. Prof. Dr. Banu Örmeci	Carleton University (representing Sludge Management SG)
- Dr. Markus Starkl	BOKU/CEMDS (representing Sanitation and Water Management in Developing Countries SG)
- Dr. Günter Langergraber	BOKU (representing the Resources Oriented Sanitation (EcoSan) SG)

### Organising Committee

- Dr. Linda Strande	Eawag–Sandec
- Mr. Tran Quang Hung	Vietnam Association of Water Supply and Sewerage (VWSA)
- Assoc. Prof. Dr. Nguyen Hong Tien	Administration of Technical Infrastructure (ATI), Ministry of Construction (MOC), Vietnam
- Assoc. Prof. Dr. Nguyen Viet Anh	Institute of Environmental Science and Engineering (IESE)
- Dr. Martin Mulenga	UNESCO-IHE
- Mr. Jay Bhagwan	Water Research Commission (WRC), South Africa
- Mr. Tjibbe Veenstra	World Smart Capital Initiative
- Mr. Trevor SurrIDGE	Sustainable Sanitation Alliance (SuSana) secretariat held by GIZ sector program Sustainable Sanitation
- Dr. Jonathan Parkinson	Integrated Sanitation Solutions (i-San) Consulting

### Important dates are:

12 April, 2014	Opening date for call for abstracts of papers, workshops and case studies
31 May, 2014	Closing date for submission of abstracts
31 August, 2014	End of review and programming process
31 August, 2014	Notification of acceptance
31 October, 2014	Submission of full description incl. other materials for workshops
30 November, 2014	Deadline for receipt of full papers (if papers are considered for publication)
30 November, 2014	Deadline for submission of digital presentations for review and quality control

### Conference Highlights

18 January, 2015	Pre-conference workshops   Welcome dinner   Conference opening/keynote(s)
19 January, 2015	Keynote(s) – Plenary sessions   Conference technical sessions   Workshops
20 January, 2015	Keynote(s) – Plenary sessions   Conference technical sessions   Workshops
21 January, 2015	Conference technical sessions   Workshops   Plenary sessions   Conference closing
22 January, 2015	Technical tours

## Submission of abstracts for presentations and workshops

All abstracts and proposals shall be limited to a maximum of two A4 pages (including figures and tables), and should contain details of background, locations, scale of experiences/studies, time frames, and conclusions.

The Programme Committee welcomes submissions in the following categories:

### 1) Applied research and technological innovation:

Abstracts will be accepted for oral and poster presentations. The abstract should contain adequate information to allow review, including a demonstration of the system implementation, its effectiveness and sustainability, supporting statistical figures and learning points for future applications.

### 2) City experiences:

Proposals are invited from those involved the design and implementation of city level FSM programmes who would like to share their experiences as part of the conference.

### 3) Workshops:

Proposals are encouraged from organisations who propose to convene workshops focussing on key aspects related to policy and practice OR workshops that focus on training on specific elements of FSM (e.g. planning tools, sanitation market assessment or design of systems for treatment and re-use of human excreta). (Strategic partners will be requested to contribute towards the costs of the workshop programme).

Your proposal should be clearly linked to one or more of the conference themes. If relevant to more than one of the themes, you should indicate which you consider to be the primary theme.

Criteria that will be taken into consideration by the review panel in the section of abstracts / workshops are :

- Adequate field-based data, or clearly demonstrable applicability of non field-based work
- Preference for work delivering evidence that activities are scalable
- Relevance for practitioners and application of findings at scale
- Quality and completeness of abstract
- Clear support of conclusions by the data presented
- Adequacy and rigor of experimental techniques and/or analysis

Abstracts and workshop proposals should be submitted via [abstracts@fsm3.org](mailto:abstracts@fsm3.org) by sending an email with the abstract or workshop proposal attached. For guidelines on formatting of abstracts or proposals and to find out more information about the conference, visit the website at [www.fsm3.org](http://www.fsm3.org).

Submission of abstracts and proposals will be welcome until 31 May, 2014. On the basis of the abstracts and proposals received, a review by the Programme Committee will be undertaken to select abstracts and to decide the appropriate format - oral presentation or poster as part of the conference exhibition.

If selected, presenters will have the option of submitting a full manuscript for technical papers by 30 November for inclusion in the conference proceedings.

At least one author of each selected abstract, poster or workshop must register and attend the conference to present. Authors and presenters will meet their own expenses to attend the conference. This includes the conference registration fee, travel and accommodation.

## Contact Information

### Conference Organisation

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### Conference Programme

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FSM3 is organised by the World Smart Capital Initiative, a non-profit organisation that provides a platform for cities on social and sustainable urban innovation. Many organisations and institutions have already pledged their support for FSM3. The conference organizers welcome communication from potential sponsors and strategic partners who wish to contribute towards ensuring the success of the conference.

