



## FSM4 SPEAKER BIOS

### DAY 1: MONDAY, 20 FEBRUARY 2017

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#### DAY 1, TRACK 3: INDUSTRY

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#### INDUSTRY 1.1: CITY SCALE FSM

1. SAHA, U. K. et al. "City scale sludge treatment plant in Faridpur, Bangladesh: Plan to Action", Bangladesh

*NO BIO AVAILABLE*

2. BHAVSAR, D. et al., "A systematic Approach Adopted by government of Maharashtra scale up FSM services", India

*NO BIO AVAILABLE*

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### 3. INMAN, JR., “Operation of FSM utility at scale in the US: the case of FloHawks”, USA



#### **J.R. Inman, Vice President Northwest Cascade/ FloHawks Plumbing & Spetic**

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With 40 years of experience, J.R. is a licensed Pumper, Operation and Maintenance Specialist, and Septic Installer in Washington State, USA. He started as a labourer and worked his way up to managing the entire division with 75 technicians and 38 trucks. He has served on both the National On-Site Wastewater Recycling Association & Northwest Bio-Solids Management Association boards. He is the past president and certified instructor of the Washington On-Site Sewage Association.

#### **INDUSTRY 1.2: FSM LOGISTICS**

### 1. GARDINER, V. et al., “Collection Logistics and Waste Pre-processing: Cross learning” UK



#### **Virginia Gardiner, CEO**

Loowatt Ltd.: United Kingdom, Madagascar

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Virginia Gardiner is the founder and CEO of Loowatt Ltd., a company which has developed a waterless and value-generating toilet system that is expanding commercially in global markets.

## 2. VILLARRAGA, H. P. et al., “Logistic Tool to improve FSM business model”, Thailand



### **Huayna Paola Villarraga, Research Associate**

NATS Asian Institute of Technology, Thailand

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Paola is a resources manager, working on the development of business models and application of innovative technologies in water and sanitation; from interactive tools in management to FSM e-learning platforms.

## 3. TA, H. A., et al., “Applicability of Innovative possibilities for FS Collection and Transportation services in perception of service operators and experts”, Thailand



### **Ta Hung Anh, MBA, PhD Candidate**

Lecturer of business management, School of Industrial Management, Bach Khoa University, Ho Chi Minh city, Vietnam

School of Environment, Resources and Development, Asian Institute of Technology, Thailand

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Present the paper: “Applicability of Innovative Possibilities for Faecal Sludge Collect and Transport Services in Perception of Service Operators & Experts” in track 3 Industry”.

Working on dissertation about Business Model Innovation for Faecal Sludge Management: Collect and transport services. Developing Application and Business model for matching customers and Faecal Sludge collect and transport services.

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## INDUSTRY 1.3: FSM EDUCATION & BUILDING CAPACITY

### 1. MANANDHAR SHERPA, A. et al., “FSM Human Resource Training through online education”, India



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### **Anjali Manandhar Sherpa, Consultant on Urban Sanitation**

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Anjali Manandhar holds a Masters’ Degree in Environmental Science from UNESCO-IHE Institute for Water Education, The Netherlands. She has more than 15 years of experience in the environmental sanitation sector. She worked with UN-Habitat, ENPHO and in recent years with different international agencies as a consultant. She has a broad range of experience in programme development, implementation, management and monitoring and evaluation. Her current area of work includes city sanitation planning, faecal sludge management, applied research and capacity building among others.

### 2. MILLS, F. et al., “Equipping local governments with the skills to implement scheduled desludging”, Australia



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### **Freya Mills, Senior Research Consultant**

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Freya is an urban sanitation specialist, with a career that spans multilateral development banks, non-government organisations (NGOs), research institutes and private consulting firms. Freya has a Masters in Water Resource Engineering and has worked for extended periods in Indonesia, Nepal, Samoa, Vietnam and Australia

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### 3. KOHLER, L. et al., “Assessing city level FSM needs to build capacity”, USA

*Presented by Digbijoy Dey*



#### **Digbijoy Dey, Senior Sector Specialist**

BRAC WASH Programme, Dhaka, Bangladesh

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Digbijoy Dey is the coordinator for the faecal sludge management in the Knowledge Management Unit at BRAC WASH Programme. His working areas are pathogen removal from faecal sludge, wastewater treatment and reuse of faecal sludge based organic fertilizer. He is going to present programme's research on urban FSM and implementation plan.

## INDUSTRY 1.4: FSM KNOWLEDGE MANAGEMENT

### 1. ROSEMARIN, A. et al., “Improving SuSanA’s KM and collaboration platform to benefit FSM practitioners”, Sweden



#### **Dr. Arno Rosemarin, Senior Research Fellow**

Stockholm Environment Institute, Stockholm, Sweden

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Arno is currently engaged with the Sustainable Sanitation Alliance and will be presenting at FSM4 more details about the SuSanA platform, what it has to offer for FSM specialists, and where SuSanA is headed in terms of knowledge management and networking services. At present Stockholm Environment Institute is leading a team composed of GIZ, Oxfam, WaterAid, Ostella, Kellogg Consultants, BORDA and Dotwerkstatt carrying out this work and sponsored by the Gates Foundation.

## 2. SINGH, A. et al., “Creating demand for sanitation and FSM through exposure- Evidence from Bihar”, India



### **Sanjay Singh, Programme Director**

Population Services International, Bihar India

Sanjay Singh is a Civil Engineering Graduate with Post Graduate Diploma in Environmental Education and Diploma in Business Management. working in Water and Sanitation sector since last 18 years and worked with state governments and the International Organizations. Currently he is Chief of Party of the Fecal Sludge Management Project for Population Services International (PSI) and mainly intervening in organizing the scattered market players in transportation and safe disposal of faecal sludge.

## 3. ROHILLA, S. et al., “Institutional Capacity Building of Ganga Basin Cities for their journey beyond ODF”, India



### **Suresh Kumar Rohilla, Programme Director**

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Over 22 years of experience in policy advocacy, research and capacity building in water and wastewater (including septage management) in India, Africa and South Asian countries. Head of the Centre of Excellence supported by the Ministry of Urban Development as well as key national resource (KRC) sponsored by Ministry of Rural Drinking Water and Sanitation, Government of India in sustainable water management area - coordinating, managing and inspiring a cross-cutting team working with the private sector, centre/ state governments and urban local bodies.