



## FSM4 SPEAKER BIOS

### DAY 3: WEDNESDAY, 22 FEBRUARY 2017

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#### DAY 3, TRACK 2: CASE STUDIES

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#### CASE STUDIES 3.1: FAECAL SLUDGE TREATMENT

##### 1. MUNANKAMI, R. et al., "Lesson Learned on Faecal Sludge Treatment Plant over Passive Landfill Site", Bangladesh



#### **Rajeev Munankami, Team Leader FSM Programme**

SNV Netherlands Development Organisation Bangladesh

EMAIL: [rmunankami@snvworld.org](mailto:rmunankami@snvworld.org)

WEBSITE: <http://www.snv.org/project/FSM>

Rajeev is leading a project "Demonstration of pro-poor market-based solutions for Faecal Sludge Management in urban centers of Southern Bangladesh" being implemented under the leadership of local government institutions.

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**2. RAJBHANDARI, R. et al., “ Faecal Sludge Treatment and Reuse in Emergencies: A Case Study from Mahalaxmi Municipality, Nepal”, Nepal**



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**Reetu Rajbhandari , Sanitation Engineer**

Environment and Public Health Organization (ENPHO), Thapagaun, New Baneshwor

EMAIL: [reetu.rajbhandari@enpho.org](mailto:reetu.rajbhandari@enpho.org)

WEBSITE: [www.enpho.org](http://www.enpho.org)

I am working at ENPHO since April 2014 as a Sanitation Engineer specifically on Faecal Sludge Management and Decentralized Wastewater Treatment System in urban contexts. I have been involved in technical research and monitoring in faecal sludge and wastewater treatment systems and have also assisted in City Sanitation Planning Projects.

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**3. ROBBINS, D. et al., “Co-treatment of Septage with Municipal Wastewater in Medium Sized Cities in Vietnam”, Vietnam**



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**David Robbins, President**

Global Development Services, LLC, Colorado, USA

EMAIL: [dmrobbins10@gmail.com](mailto:dmrobbins10@gmail.com)

WEBSITE: [dmrobbins10 \(Youtube\)](#)

Dave Robbins is a specialist in on-site wastewater treatment and fecal sludge management. He has 27 years of practical experience, much of that working to build engineering, operational and managerial capacity at the local government level in Asia, Latin America and Africa in support of city-wide sanitation services.

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## CASE STUDIES 3.2: SMALL FSM BUSINESSES IN THE MARKET

### 1. LEONIDAS, D., MILINGA, M.. “Management of Faecal Sludge (FS) by Private Entrepreneurs for a Sustainable Business Model”, Tanzania and USA



#### **Leonidas Deogratus, M&E and R&D Coordinator**

BORDA – Africa, Tanzania, Mikocheni

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Title of my paper is ‘Management of Faecal Sludge by Private Entrepreneur for Sustainable Business model’. The aim of this paper is to share practical experience gain by private entrepreneur ‘UMAWA’ in FSM business. To identify the key success, lessons learnt and challenges in running FSM business as an entrepreneur.

### 2. MUXIMPUA, O. et al., “Emerging Lessons on FSM from Maputo, Mozambique”, Mozambique



#### **Odete Muximpua, Water and Sanitation Specialist**

World Bank

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Odete Muximpua is a civil engineer; with 10 years’ experience in the water sector, namely water resources management sub-sector, irrigation, water supply, sanitation and hygiene sub-sectors, in the areas of research, capacity building and strategy development, infrastructure investment planning and supervision. She holds a master’s degree in Water Resources and Hydraulic Engineering from Eduardo Mondlane University.

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### 3. BUSINGYE, J., “It’s not only the technology: Running a successful pit emptying business in Kampala, Uganda”, Uganda



#### **John Busingye, CEO plus founder Forever Sanitation Ltd.**

Kampala, Uganda

EMAIL: [eforeversani@gmail.com](mailto:eforeversani@gmail.com)

This paper describes my work as a pit-emptying entrepreneur in Kampala, the capital city of Uganda. I established my business, Forever Sanitation Limited, in 2013, with the help of the NGO Water for People. Since starting operations in March 2013, we have emptied the pits of over 1 250 customers, removing 2 500 000 liters of sludge in 12,500 barrels, and enabled more than 30 000 people to continue using their pit latrines.

## CASE STUDIES 3.3: COORDINATING FSM SERVICE PROVIDERS

### 1. POTTER, A. et al., “Successful Sludge Enterprises in Small Urban Centres in Zimbabwe”

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### 2. DRABBLE, S. et al., “Citywide coordination of the septage management market in Vizag, India”

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*Presented by Georges Mikhael*

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## **Georges Mikhael, Head of Sanitation**

WSUP

EMAIL: [gmikhael@wsup.com](mailto:gmikhael@wsup.com)

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Georges Mikhael, the Head of Sanitation at WSUP, is responsible for supporting WSUP's seven (7) country teams in innovating and scaling sanitation and FSM services to low-income customers in urban areas.

**3. SHARMA, D. ,“Desludging-Operators’ Association – Cesspool operator as key stakeholder in FSM policy”,  
India**



**No Photo**

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## **Debisha Sharma, M.A. in Social Work in Public Health**

TISS Mumbai

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With an interest in the inclusive development of society, I am fascinated by the diverse human interactions. I have a strong belief that development of society and its people, including the most marginalized and vulnerable individual, go hand in hand. As a trained social worker, I can contribute by making sustainable social interventions which would enable the communities, groups or individuals that I work with become self-reliant and capable in dealing with the social issues.

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