



FSM4 SPEAKER BIOS

DAY 2: TUESDAY, 21 FEBRUARY 2017

DAY 2, TRACK 3: INDUSTRY

INDUSTRY 2.1: TOOLS & PLANNING

1. SONKO, E. M., STRANDE, L. "Tools for FSM planning in small towns: case study of Bignona, Senegal", Senegal



Dr Elhadji Mamadou Sonko, Lecturer

Institute of Environmental Sciences, University Cheikh Anta Diop of Dakar, Department of Sciences and Technologies, Dakar, Senegal

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Having completed a MSc and a PhD on Environmental Sciences particularly on faecal sludge management and faecal sludge treatment by unplanted and planted sludge drying beds. Dr Sonko has seven (08) years of experience in sanitation issues. He is a freelance consultant in sanitation issues since 2011.

He is also a Lecturer on Sanitation, at the Institute of Environmental Sciences and the National School of Health and Social Development since 2011.

2. BLACKETT, I. et al., “Tools for the assessment and development of sustainable city-wide FSM services”, UK

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3. BRUECKNER-SUPRIYONO, M. et al., “Cooperation AIT and BORDA – on the application of FSM Toolbox in project cities”, Indonesia



Marina Brueckner-Supriyono, Project Coordinator, Deputy Coordinator

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Mrs. Brueckner-Supriyono, a jurist specialized in environmental policies, has been working with BORDA in Southeast Asia for 5 years and is currently supporting Local Governments in Indonesia to conduct sustainable FSM assessment, planning and implementation as contribution to the New Urban Agenda. During FSM4, in Track 3 - Industry & Exhibition, she will present on the Cooperation AIT – BORDA On The Application Of FSM Toolbox In Project Cities (Baseline Assessment) alongside with Isha Basyal (AIT).

INDUSTRY 2.2: TECHNOLOGY INNOVATIONS – FROM THE FIELD SESSION I

1. SOLANKI, R. et al., “SimpliSafi: an off-site sanitation system that vertically integrates waste collection and sludge processing for informal settlements”, UK



Ravi Solanki, Head of Strategic Partnerships

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In collaboration with partners, SOWTech C.I.C. has piloted an off-site sanitation system in Dar es Salaam, Tanzania that vertically integrates waste collection and sludge processing. By connecting simplified sewerage networks with versatile anaerobic digesters, we hope to develop an affordable, effective, and aspirational sanitation solution for the urban poor.

2. SOHIER, L., “Bio-solar purification – a new process to treat domestic wastewater and to turn water and wastes in a safe reusable form”, France



Dr. Laurent Sohier, CEO

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Dr. Laurent Sohier is a biotechnologist former researcher in microbial ecology of eutrophied wastewaters from domestic and fish farming activities. Since 1986 he works for industrial private companies. He is the founder of HELIO PUR TECHNOLOGIES a company dealing with wastewater treatment for reuse and recycling of living matter components (water, C, O, N, P).

3. FRANCIS, G. et al., "Biomass Steam Processing (BSP) – Conversion of Biomass to Coal by Steam Conditioning", Germany

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INDUSTRY 2.3: FSM AS BUSINESS

1. SINGH, S., SINGH, A., "Business Model development for FSM insights from Bihar, India", 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.

2. SAUER, J., et al., "Improving Practitioners Knowledge of Market Development Approaches for Use in FSM Programmes", UK

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**3. RATH, M., TCHELET, S., "The Blue Water Company: Operating and Maintaining City-scale FSM systems",
India**



Manas Rath, Senior Advisor at BORDA

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At BORDA, Manas focuses primarily on developing business models, overseeing projects, scaling up, creating partnerships, and having conversations to understand mega-trends and opportunities within the decentralized sanitation and water sector. He is also starting a venture, Blue Water Company, to deliver world-class FSM services in India through Public-Private-Partnerships. Earlier, he was a Director at Dasra, and at Avendus Capital, he helped growth companies to raise equity from global private equity investors. He was also COO of a high-end electronics manufacturing firm. Manas is a graduate of MIT and has attended programs at the University of Chicago-Booth School of Business. He serves on the Indian Governments' Swachh Bharat Task Force.

INDUSTRY 2.4: TECHNOLOGY INNOVATIONS – FROM THE FIELD SESSION II

1. RAMAMOORTHY, R., “Onsite Domestic Wastewater Treatment using a modified septic tank-effect of hydraulic mixing on pollutant removal”, India

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2. SALIAN, P., “Low-cost pre-cast toilet designs”, Uganda



Prit Salian, Associate

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A WASH expert with a multi-disciplinary background spanning over nine year of experience in the water and sanitation sector and ten years of experiences in the infrastructure construction. Mainly worked in India, Philippines, Tanzania, Uganda, Zambia and Germany. Specialised in city-wide sanitation planning and faecal sludge management in developing countries with a special focus on localised technology innovation.

3. FORBIS-STOKES, A. et al., “Three years of field experience piloting the anaerobic digestion pasteurization latrine”, USA



Aaron Forbis-Stokes, PhD Candidate

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Aaron Forbis-Stokes is a PhD candidate in Environmental Engineering and member of the Duke University sanitation group lead by Professor Marc Deshusses. He has been involved in activities with the Anaerobic Digestion Pasteurization Latrine system since 2012 and led the implementation efforts for the project in Kenya, India, and the Philippines.

4. OSBERT, A. et al., "DEFAST: From research to market", Uganda

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