

# MASTER PROGRAM



**MONDAY - 31 MAY, 2021**

## OPENING CEREMONY (PRE-RECORDED)\*

\*Available from:

Seattle 04:00	New York 07:00	UTC 11:00	Rotterdam / Johannesburg 13:00	New Delhi 16:30	Jakarta 18:00	Sydney 21:00
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This year, the theme of FSM6 is: Celebrating 10 Years of FSM Heroes – Past, Present, and Future. In our opening ceremony and throughout the conference, we will spend time looking at our origins, the present state FSM, and how to evolve in the final 9 years before 2030. Executive Director, Jennifer Williams, will share the FSM Alliance's perspective on how to move forward after the unprecedented change in our world that we have all experienced in the last 18 months. Earlier this year, we asked you and our FSMA community to nominate the individuals who have impacted you and your work. During the opening, we will get to see who you have chosen as your heroes, introduced by FSM6 Conference Chair, Dr. Konstantina Velkushanova. We will honour and celebrate the FSM Heroes who continue to inspire and catalyse change in the sector in their own way.

## DAY 1 TUESDAY - 01 JUNE, 2021

### ONGOING ACTIVITIES

Exhibition

Poster Track

World  
Emptying  
Challenge

Mastermind

## PROGRAMMATIC PLENARY (PRE-RECORDED)\*

### PAST - OUR ORIGINS: CELEBRATING WITH HEROES FROM FSM1

\*Available from:

Seattle 18:00 (31st May)	New York 21:00 (31st May)	UTC 01:00	Rotterdam / Johannesburg 03:00	New Delhi 06:30	Jakarta 08:00	Sydney 11:00
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This plenary session reflects on the origins of FSM, by speaking to key actors, who played a pivotal role in the creation and growth of FSM. We discuss with each of them how they contributed to the FSM conferences, which eventually led to the creation of the FSM Alliance. From the first FSM Conference in 2011 (Durban, South Africa) to 10 years later, we ask each panelist to reflect back on creating this sub-sector and the momentum that's been built around FSM in the last 10 years.

## DAY 1

# TRACK SESSIONS (PRE-RECORDED)\*

\*Available from:

Seattle 19:30	New York 22:30	UTC 02:30	Rotterdam / Johannesburg 04:30	New Delhi 08:00	Jakarta 09:30	Sydney 12:30
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### Track 1

**Gender, Equality and Inclusive Sanitation Service Level**

**1.A: Designing and planning framework and policy for sanitation**

### Track 2

**Service Delivery for Low-Income Communities**

**2.A: Data for decisions on serving Low-Income Communities**

### Track 3

**The Role of Sanitation and FSM Actors**

**3.A: Best Practices for Delivering Effective Partnerships (PPP) for viable FSM Business models that increase service delivery levels for different consumer segments**

### Indonesia Track 1

**National Policies**

**National Policies / Framework on Waste Water and Sanitation (Achievement, Development and Target)**

**Speaker**

**Ir. Tri Dewi Virgyanti**

**Direktur Perkotaan Perumahan & Permukiman Ministry of Planning (BAPPENAS)**

**National FSM Roadmap and implementation and acceleration on FSM**

**Speaker**

**Ir. Prasetyo, M.Eng**

**Direktur Sanitasi Ditjen Cipta Karya**

**Role of AKOPSI to support FSM Policies for safely managed sanitation**

**Speaker**

**Head AKOPSI**

**Head of AKOPSI (Mayors Association)**

### Indonesia Track 2

**FSM Enforcement and Regulation**

**Regulation of FSM enforcement in DKI**

**Jakarta**

**Speaker**

**Ir. Yusmada Faisal**

**DINAS LH / DSDA**

**Regulation on domestic Waste Water Kota Medan**

**Speaker**

**Kabir Bedi, S.T., MBA**

**Direktur PDAM Tirtanadi Medan**

**FORKALIM introduction + experience in FSM twinning**

**Speaker**

**Haidir Effendi, SH**

**Ketua FORKALIM**

## DAY 1

### DISCUSSION FORUM / EARLY (LIVE)

Seattle 23:00	New York 02:00	UTC 06:00	Rotterdam / Johannesburg 08:00	New Delhi 11:30	Jakarta 13:00	Sydney 16:00
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**Track 1**  
Gender, Equality and  
Inclusive Sanitation  
Service Level

**Track 2**  
Service Delivery for  
Low-Income  
Communities

**Track 3**  
The Role of Sanitation  
and FSM Actors

### SPOTLIGHT & SECTOR HOSTED SESSIONS (LIVE)

Seattle 00:00	New York 03:00	UTC 07:00	Rotterdam / Johannesburg 09:00	New Delhi 12:30	Jakarta 14:00	Sydney 17:00
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**FSMA Spotlight Series #1**  
Co treatment of FS / septage in  
Sewage Treatment Facilities

Facilitated by  
Dorai Narayana Consultancy and CDD  
Society, India

**Sector Hosted Session #1**  
Inclusive, Sustainable FSM –  
Towards a Transformative Future

Facilitated by  
Australian Government Water for Women  
Fund // Centre for Advocacy and Research  
// International Development Enterprise  
(iDE) // University of Technology Sydney  
(UTS) // International Rescue Committee  
(IRC) // Research Triangle Institute (RTI)  
Global India // SNV Netherlands  
Development Organisation // Thrive  
Networks – East Meets West

### SPOTLIGHT & SECTOR HOSTED SESSIONS (LIVE)

Seattle 02:00	New York 05:00	UTC 09:00	Rotterdam / Johannesburg 11:00	New Delhi 14:30	Jakarta 16:00	Sydney 19:00
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**FSMA Spotlight Series #2**  
Spotlight on Citywide Inclusive  
Sanitation –  
Including case studies from Africa  
and Asia

Facilitated by  
Eawag-Sandec and the University of  
Technology Sydney (UTS)

**Sector Hosted Session #2**  
Methods for Faecal Sludge Analysis

Facilitated by  
IHE-Delft // UKZN // EAWAG // AIT

## DAY 1

### DISCUSSION FORUM / LATE (LIVE)

Seattle 08:00	New York 11:00	UTC 15:00	Rotterdam / Johannesburg 17:00	New Delhi 20:30	Jakarta 22:00	Sydney 00:00
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**Track 1**  
Gender, Equality and  
Inclusive Sanitation  
Service Level

**Track 2**  
Service Delivery for  
Low-Income  
Communities

**Track 3**  
The Role of Sanitation  
and FSM Actors

### SPOTLIGHT & SECTOR HOSTED SESSIONS (LIVE)

Seattle 09:00	New York 12:00	UTC 16:00	Rotterdam / Johannesburg 18:00	New Delhi 21:30	Jakarta 23:00	Sydney 02:00
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#### FSMA Spotlight Series #3

Connecting FSM general practices with FSM in emergencies –  
Discussing the gap in standards as a shared challenge

Facilitated by

Netherlands Red Cross and the FSM Technical Working Group (under the global WASH cluster; FSM TWiG)

### SPOTLIGHT & SECTOR HOSTED SESSIONS (LIVE)

Seattle 11:00	New York 14:00	UTC 18:00	Rotterdam / Johannesburg 20:00	New Delhi 23:30	Jakarta 01:00	Sydney 03:00
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#### FSMA Spotlight Series #4

Costing strategies for affordable faecal sludge management

Facilitated by

University of Illinois at Urbana-Champaign (UIUC), Department of Civil  
and Environmental Engineering

# DAY 2 WEDNESDAY - 02 JUNE, 2021

## ONGOING ACTIVITIES

Exhibition

Poster Track

World  
Emptying  
Challenge

Mastermind

## PROGRAMMATIC PLENARY (PRE-RECORDED)\*

### PRESENT - SHIFTING PARADIGMS AND APPROACHES: ADAPTING TO A CHANGING WORLD

\*Available from:

Seattle 18:00	New York 21:00	UTC 01:00	Rotterdam / Johannesburg 03:00	New Delhi 06:30	Jakarta 08:00	Sydney 11:00
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This plenary session will highlight some of the current approaches and paradigms of international development that fundamentally impact how we think about inclusive and sustainable service delivery. A shift from some of the more technically focused plenaries at past FSM conferences, this discussion gives special focus on key societal and cultural paradigms that have undermined our progress towards SDG 6.2 and will provide a new perspective on how to better adapt in our ever-changing world.

## TRACK SESSIONS (PRE-RECORDED)\*

\*Available from:

Seattle 19:30	New York 22:30	UTC 02:30	Rotterdam / Johannesburg 04:30	New Delhi 08:00	Jakarta 09:30	Sydney 12:30
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**Track 1**  
Gender, Equality and  
Inclusive Sanitation  
Service Level

**1.B: Gender dynamics  
in service provision  
and value chain**

**Track 2**  
Service Delivery for  
Low-Income  
Communities

**2.B: Costs and  
financing sanitation  
in Low-Income  
Communities**

**Track 3**  
The Role of Sanitation  
and FSM Actors

**3.B: Practical  
experiences  
formalizing the  
informal in FSM and  
creating opportunities  
for improved service  
delivery**

## DAY 2

### Indonesia Track 1

#### Indonesia FSM Financial Aspects

FSM Financial aspects: GoI Guidelines, Opportunities and Commitments

Speaker

tbd

Direktorat Sanitasi Kemen PUPR

Management of FSM and Sewerage, Tariff Management and cross subsidies

Speaker

Ir. Aris Supriyanto, M.Eng

Director PD PAL JAYA

Initiatives on private sector collaboration for sludge collection

Speaker

Pak Agung

Kota Solo

Initiatives on private sector collaboration for sludge collection

Speaker

Indrawan Prabaharyaka, M. Phil

Doctoral Candidate Institute of European Ethnology Humboldt University of Berlin

### Indonesia Track 2

#### FSM Operation

FSM Operation by water company

Speaker

Agustan, SE

Perumda AM Kota Surakarta

FSM Operation by UPTD (Local Government)

Speaker

UPTD Sidoarjo

Director UPTD Sidoarjo

Experience from 2 field locations

Speaker

Nyoman Suartana

Senior Urban Sanitation Specialist, SNV Indonesia

## DISCUSSION FORUM / EARLY (LIVE)

Seattle 23:00	New York 02:00	UTC 06:00	Rotterdam / Johannesburg 08:00	New Delhi 11:30	Jakarta 13:00	Sydney 16:00
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### Track 1

Gender, Equality and Inclusive Sanitation Service Level

### Track 2

Service Delivery for Low-Income Communities

### Track 3

The Role of Sanitation and FSM Actors

## SPOTLIGHT & SECTOR HOSTED SESSIONS (LIVE)

Seattle 00:00	New York 03:00	UTC 07:00	Rotterdam / Johannesburg 09:00	New Delhi 12:30	Jakarta 14:00	Sydney 17:00
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### FSMA Spotlight Series #5 Climate Resilient Sanitation in LICs

Facilitated by  
University of Technology Sydney (UTS)

### Sector Hosted Session #5

Linking MHM and FSM: Report from the Menstrual Hygiene Day 2021 and Beyond

Facilitated by: GIZ // WASH United // MHM PA Nepal // SuSanA

## DAY 2

### SPOTLIGHT & SECTOR HOSTED SESSIONS (LIVE)

Seattle 02:00	New York 05:00	UTC 09:00	Rotterdam / Johannesburg 11:00	New Delhi 14:30	Jakarta 16:00	Sydney 19:00
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#### FSMA Spotlight Series #6

Formalizing India's FSSM Sector:  
Policy, Implementation and Impact

Facilitated by  
National Faecal Sludge & Septage  
Management Alliance India (NFSSM Alliance)

*This session is cancelled due to the COVID-19 outbreak in India.*

#### Sector Hosted Session #6

How to ensure that the sludge reaches the  
treatment plant? An analytical workshop  
on challenges & solutions in planning  
emptying & transportation of faecal sludge

Facilitated by  
URBANWaters Consulting GmbH // HafenCity  
University (HCU) Hamburg // Pan-African Association  
of Sanitation Actors (PASA)

Seattle 06:00	New York 09:00	UTC 13:00	Rotterdam / Johannesburg 15:00	New Delhi 18:30	Jakarta 20:00	Sydney 23:00
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#### FSMA Spotlight Series #7

Scaling Inclusive Public and Private  
Enterprises in Fecal Sludge  
Management: A Global Perspective

Facilitated by  
Tetra Tech

#### Sector Hosted Session #7

Capture and Behavior: SATO's  
consumer insights from peri-urban  
Accra with global examples and  
perspectives

Facilitated by  
LIXIL-SATO and Archipel&Co

### DISCUSSION FORUM / LATE (LIVE)

Seattle 08:00	New York 11:00	UTC 15:00	Rotterdam / Johannesburg 17:00	New Delhi 20:30	Jakarta 22:00	Sydney 00:00
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#### Track 1

Gender, Equality and  
Inclusive Sanitation  
Service Level

#### Track 2

Service Delivery for  
Low-Income  
Communities

#### Track 3

The Role of Sanitation  
and FSM Actors

### SPOTLIGHT & SECTOR HOSTED SESSIONS (LIVE)

Seattle 11:00	New York 14:00	UTC 18:00	Rotterdam / Johannesburg 20:00	New Delhi 23:30	Jakarta 01:00	Sydney 03:00
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#### FSMA Spotlight Series #8 Faecal Sludge Management Experiences in Latin America

Facilitated by  
SuSanA Latinoamérica and Aguatuya

# DAY 3 THURSDAY - 03 JUNE, 2021

## ONGOING ACTIVITIES

Exhibition

Poster Track

World  
Emptying  
Challenge

Mastermind

## PROGRAMMATIC PLENARY (PRE-RECORDED)\*

### FUTURE - EVOLVING TO ACHIEVE A MORE INCLUSIVE FUTURE IN SANITATION

\*Available from:

Seattle 18:00	New York 21:00	UTC 01:00	Rotterdam / Johannesburg 03:00	New Delhi 06:30	Jakarta 08:00	Sydney 11:00
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Presented in a documentary film, we interviewed 7 dynamic individuals working in FSM to share with us their vision for the sanitation sector and how we can evolve FSM to achieve inclusive service delivery. They range from PhD students to a manual emptier, two faecal sludge treatment plant employees, and a reuse expert providing technical assistance to utilities. The interviewees come from all around the globe – from Indonesia to the Indian subcontinent, East and West Africa, Europe, and North America.

## TRACK SESSIONS (PRE-RECORDED)\*

\*Available from:

Seattle 19:30	New York 22:30	UTC 02:30	Rotterdam / Johannesburg 04:30	New Delhi 08:00	Jakarta 09:30	Sydney 12:30
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### Track 1

Gender, Equality and  
Inclusive Sanitation  
Service Level

1.C: Gender-based  
violence and  
sanitation

### Track 2

Service Delivery for  
Low-Income  
Communities

2.C: Service delivery  
in Low-Income  
Communities:  
Opportunities and  
Experiences

### Track 3

The Role of Sanitation  
and FSM Actors

3.C: High Impact Case  
Studies and  
Promising  
Approaches from  
Africa and Asia



## DAY 3

### Indonesia Track 1

#### Sludge Treatment and Reuse

Technical guidelines on Sludge Treatment  
Plant design

Speaker

Ir. Endro Adinugroho  
IUWASH PLUS / PUPR

Operational (Semi-) Mechanical Sludge  
Treatment Plant

Speaker

Andrea Sucipto, SE  
Director UPTD Bekasi

Optimization of Faecal Sludge  
Management as intermediate solution for  
wastewater handling in Jakarta

Speaker

Ir. Erwin Marphy Alio  
Direktur Teknik & Usaha PD PAL JAYA

Session Conclusions

Speaker

Dr. Mortaza A. Syafinuddin Hamma'da  
Ketua Bidang Organisasi dan Tata  
Laksana IESA (Indonesian Environmental  
Scientist Association) dan Dosen Teknik  
Lingkungan Universitas Cokroaminoto  
Makassar

### Indonesia Track 2

#### FSM Operational Support

Implementation of application Go-Ploong  
for UPTD Gresik

Speaker

Muhammad Arief Setiawan, ST, MMT  
UPTD Gresik

Android Application for Septic Tank survey

Speaker

Sabdo Sumartono  
IUWASH PLUS

Manual for septage handling in pandemic  
area

Speaker

Maraita Listyasari  
WASH Specialist - UNICEF

## DISCUSSION FORUM / EARLY (LIVE)

Seattle 23:00	New York 02:00	UTC 06:00	Rotterdam / Johannesburg 08:00	New Delhi 11:30	Jakarta 13:00	Sydney 16:00
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### Track 1

Gender, Equality and  
Inclusive Sanitation  
Service Level

### Track 2

Service Delivery for  
Low-Income  
Communities

### Track 3

The Role of Sanitation  
and FSM Actors

## SPOTLIGHT & SECTOR HOSTED SESSIONS (LIVE)

Seattle 00:00	New York 03:00	UTC 07:00	Rotterdam / Johannesburg 09:00	New Delhi 12:30	Jakarta 14:00	Sydney 17:00
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### FSMA Spotlight Series #9

#### Women in WASH

Facilitated by

Women in Water & Sanitation Network // Women for Water Partnership // African Women  
Sanitation Professionals Network // Australian Government Water for Women Fund

## DAY 3

### SPOTLIGHT & SECTOR HOSTED SESSIONS (LIVE)

Seattle 02:00	New York 05:00	UTC 09:00	Rotterdam / Johannesburg 11:00	New Delhi 14:30	Jakarta 16:00	Sydney 19:00
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#### FSMA Spotlight Series #10

Formalising FSM through regulations and standards: Containment standard examples from Senegal and Nepal

Facilitated by  
Global Green Growth Institute

#### FSMA Spotlight Series #11

Facets of Financing in Sanitation

Facilitated by  
Faecal Sludge Management Alliance (FSMA)

### DISCUSSION FORUM / LATE (LIVE)

Seattle 08:00	New York 11:00	UTC 15:00	Rotterdam / Johannesburg 17:00	New Delhi 20:30	Jakarta 22:00	Sydney 00:00
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#### Track 1

Gender, Equality and  
Inclusive Sanitation  
Service Level

#### Track 2

Service Delivery for  
Low-Income  
Communities

#### Track 3

The Role of Sanitation  
and FSM Actors

### SPOTLIGHT & SECTOR HOSTED SESSIONS (LIVE)

Seattle 09:00	New York 12:00	UTC 16:00	Rotterdam / Johannesburg 18:00	New Delhi 21:30	Jakarta 23:00	Sydney 02:00
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#### FSMA Spotlight Series #12

How to assess and plan my sanitation and FSM? - Implementing the FSM Toolbox in municipalities. Learning opportunities from South Africa.

Facilitated by:  
Emanti Management // South African Department of Water and Sanitation // uThukela District Municipality

# DAY 4 **FRIDAY - 04 JUNE, 2021**

## FSM COUNTRY HIGHLIGHTS

\*Available from:

Seattle 19:00	New York 22:00	UTC 02:00	Rotterdam / Johannesburg 04:00	New Delhi 07:30	Jakarta 09:00	Sydney 12:00
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During FSM6 this year, we wanted to highlight a few of the examples of FSM being implemented at the national level. We asked a few different countries to share brief updates through a collection of videos. Countries featured are: Senegal, India, Bangladesh, Zambia, and Nepal. Learn more about each country's different approaches and a little bit more about Malasur, the Poo Demon.

## CLOSING CEREMONY (PRE-RECORDED)\*

\*Available from:

Seattle 21:00	New York 00:00	UTC 04:00	Rotterdam / Johannesburg 06:00	New Delhi 09:30	Jakarta 11:00	Sydney 14:00
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FSM6 concludes with the announcement of the winners of both the World Emptying Challenge and the FSM Mastermind Challenge. The closing ceremony will also pay special tribute to two FSM Legends, Professor Yves Kengne and Professor Chris Buckley, who have both made significant lifetime contributions to the FSM sector. We finish with a farewell address and a look forward to FSM7!