

# FSM Implementation in Indonesia

## National and Local Governments initiatives in FSM towards SDGs 2030

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# Why FSM?



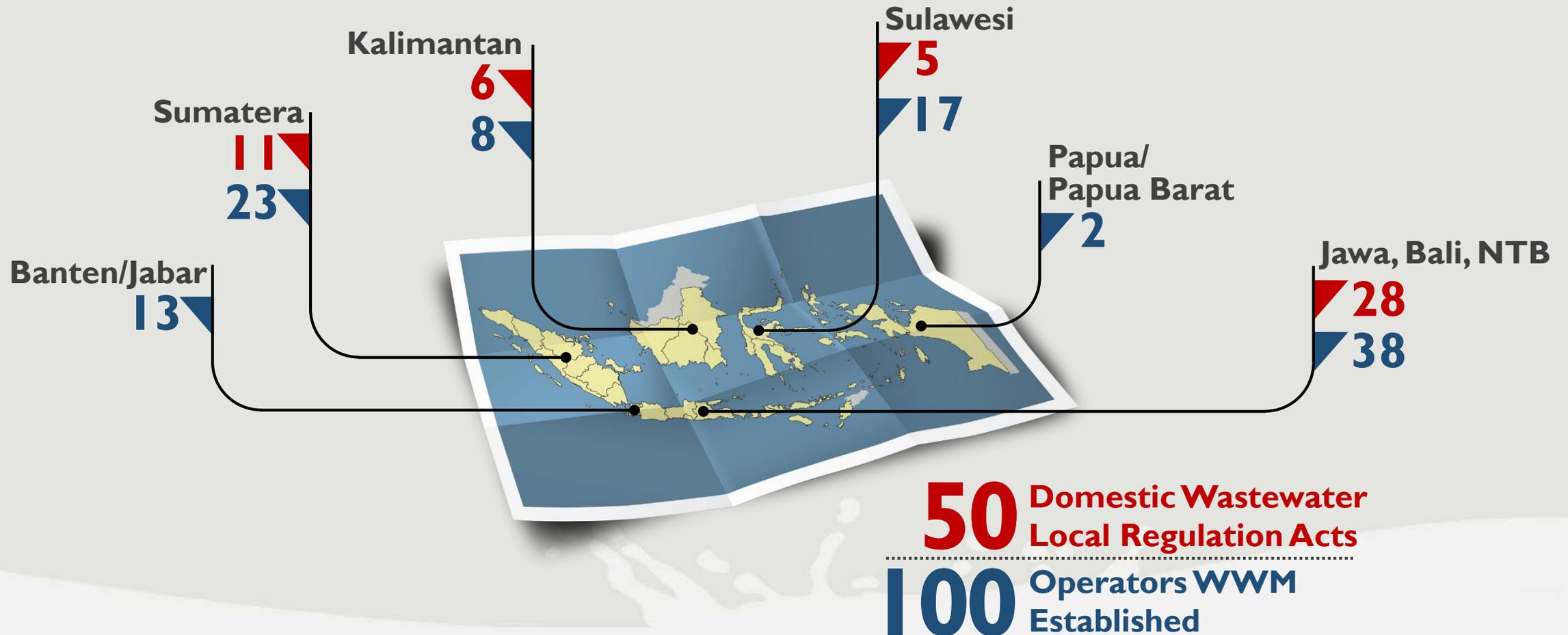
## Background

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- Indonesia commitment towards SDGs 2030: **safely-managed water and sanitation**
- Predominant on-site sanitation systems with low/questionable **quality of septic tanks**
- More than **60% will live in urban areas**

# FSM in Indonesia, so far..

Indonesia is a decentralized country, initiatives and innovations in cities do matter!



## Private Engagement

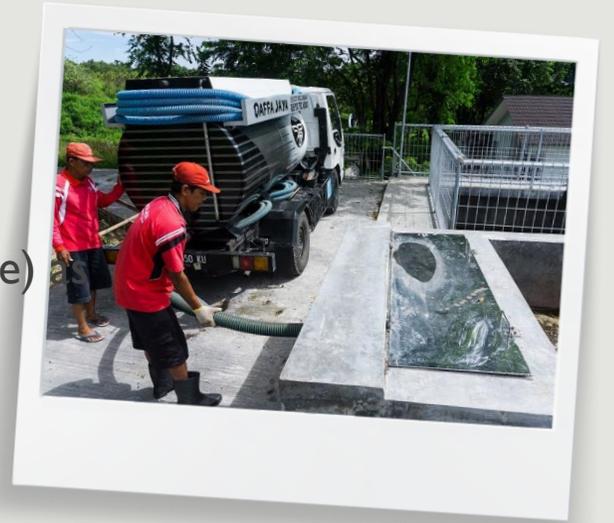


### **Bandung & Solo City,**

Engage private sector for desludging

Organized by PDAMs (Water Supply Enterprise)

**Operator** to manage regular desludging  
(every 3 years)



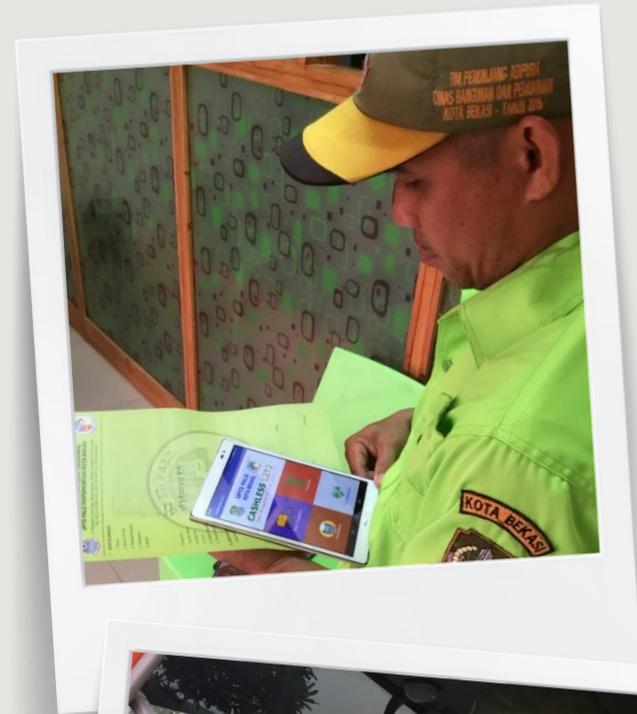
### **Muara Enim,**

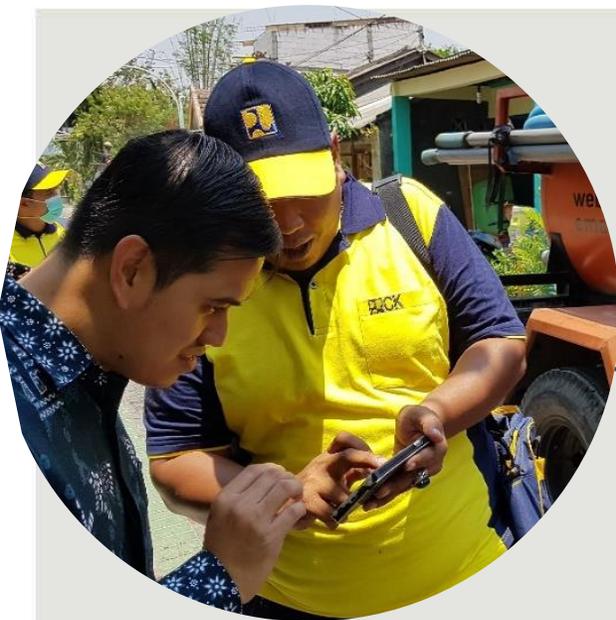
CSR for septic tanks  
improvement and desludging

# Cashless Payment



**Bekasi City**, already using cashless payment, customer only pay with Electronic Data Capture (EDC)

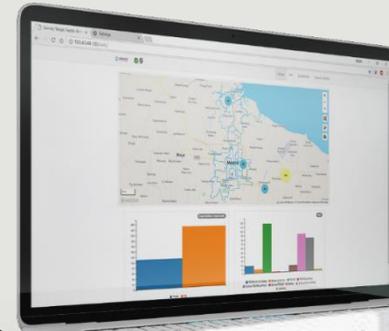




# Septic Tank Census ANDROID Apps-based



Sensus  
Tangki Septik  
(Android) App



Web-based  
Portal

Sistem Informasi Manajemen Pengelolaan LLTT (SIMPEL) UPTD PAL Makassar

Welcome, ADMIN

DATA PELANGGAN.

Nama  Cari

(1 - 20) dari 389 Hal. 1 2 3 4 5 6 7 8 9 10 ... 20

ID	ALAMA	ALAMAT	TELEPON	TGL	PENYEDOTAN
1	PCC-03-01-0105	IBU HASNA	JL. MUH. YAMIN LR. 3 NO. 3 RT.002 RW.005, Bara Baraya Utara, Makassar, Kota Makassar	085398577622	20-04-2018
2	0305-01-0004	JUSUF ZUHAR	JL. MENJAWE RT.0 RW.0, Antang, Manggala, Kota Makassar	0811421605	26-07-2018
3	00-06-00-0008	NARNY	BTN MINASA UPA BLOK F 16/12 RT.0 RW.0, Rappocini, Kota Makassar	085255995659	26-07-2018
4	00-09-14-0003	ERWAN	JL. SULTAN HASANUDDIN 1 RT.0 RW.0, Ujung Pandang Baru, Tallo, Kota Makassar	08225933355	26-07-2018
5	00-06-06-0004	DG RATE	JL. RAJAWALI 1 LR. 13 A NO.7 RT.0 RW.0, Panambungan, Mariso, Kota Makassar	082193615718	26-07-2018

**Makassar and Gresik,**  
using ICT for customer data and service management

Database/MIS  
Regular Desludging



**Muara Enim, Bitung, Pringsewu, Soppeng,** massive movement through public engagement



## Social Norms For Behaviour Change

- Engagement of civil society religious leaders, youth/womens group
- Engagement of religious communities – Zakat organizations
- Behavior change campaigns and branding: i.e. Tinju Tinja, Sanitation Jihad, Septic Tanks Amnesty (Muara Enim and Bitung), SoBAT (Soppeng Bebas Ancaman Tinja/Free Soppeng from Threats of Fecal Matter)





**Other activities**  
*to support the FSM*

- Financial models & tools
- SOPs on admin & technical
- Exposure workshops and trainings
- Promotional materials
- Manuals and training programs

# The National Government Initiatives on FSM

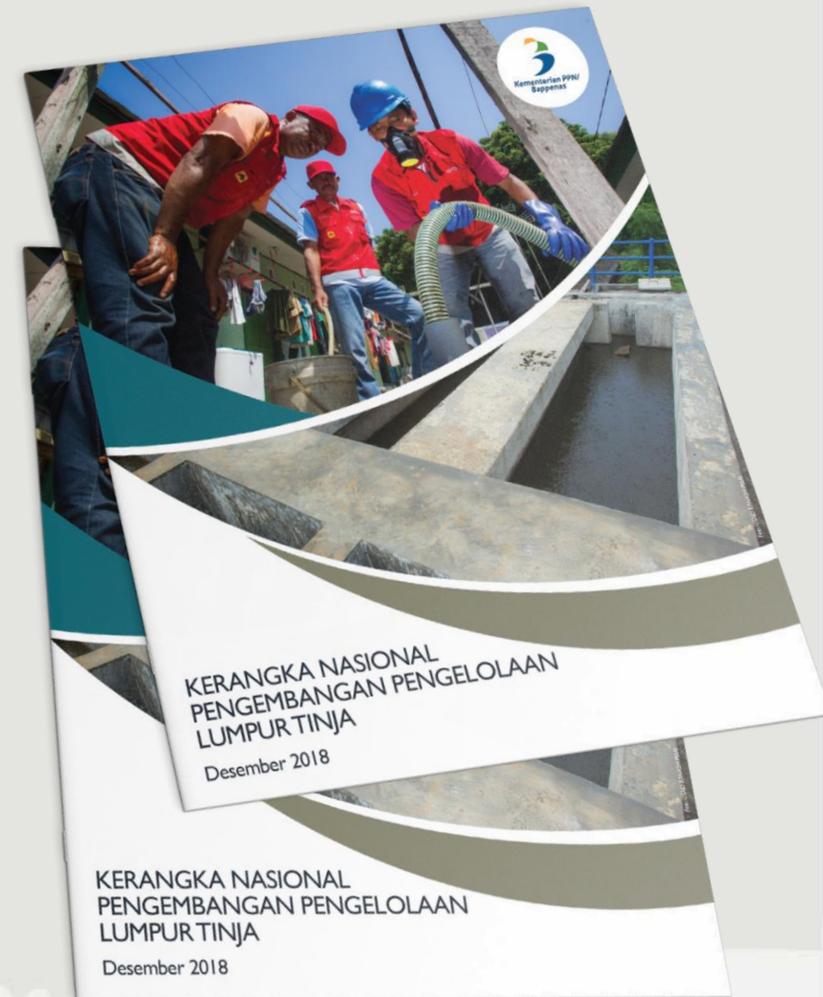
- The framework
- Capacity building
- Assistance to Cities/Districts



# The National FSM Framework

Not just the guide to FSM Implementation but also to national path towards SDGs 2030

- Vision → strategy
- Principles
- Role divisions
- FSM implementation ladder
- Introducing NEW IDEAS
  
- Included in **National Medium-term Development Plan (RPJMN) 2020-2024**



# Capacity building

- Regular Desludging guidelines and module
- National ToT
- Horizontal learning
- Twinning program, through FORKALIM (Association of Domestic Wastewater Operators)



ments  
marketing,  
ormation  
system)

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# Assistance to Cities/Districts

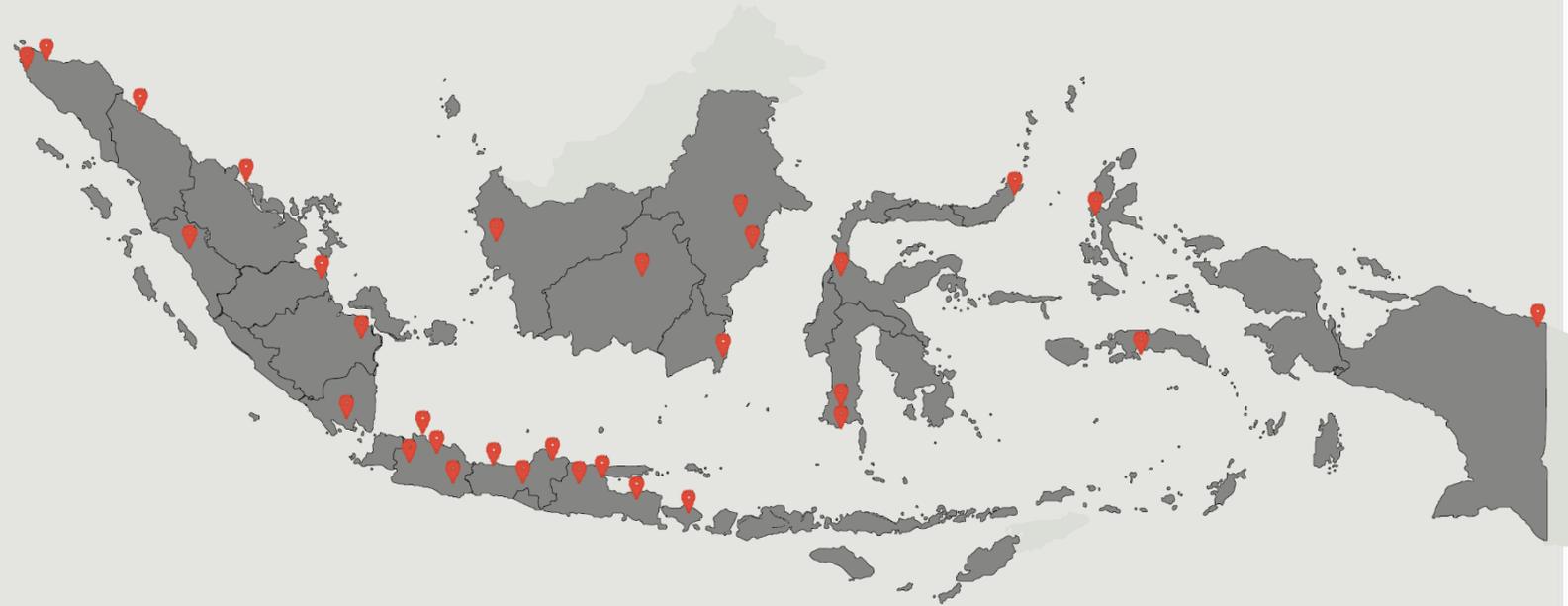
- Funding, through several mechanisms
- Facilitation, aiming at both local government commitment, institutional strengthening and technical capacities

## Implementing FSM

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88 Cities/Districts

..and will keep on increasing!



## What's next?

- National Medium-term Development Plan 2020-2024 → aiming at sustainable sanitation service and initiation for safely-managed sanitation
- Knowledge center and distant learning
- Innovations, innovations, and innovations

# Reflection

- Intensive facilitation is a must
- Need standardized template with flexible approach
- Technical solution is required (sludge treatment, containment, desludging truck) and need to be leverage with non technical aspect (institutional, regulation, promotion, campaign)
- Awareness raising is still needed and innovative and massive campaign requires leadership and commitment from mayors



“It’s challenging....  
but totally doable!”

“....Thank you.”