



# Tackling the post-ODF challenge in Bangladesh through public-private partnerships

Preliminary results of Faridpur FSM business model

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Practical Action

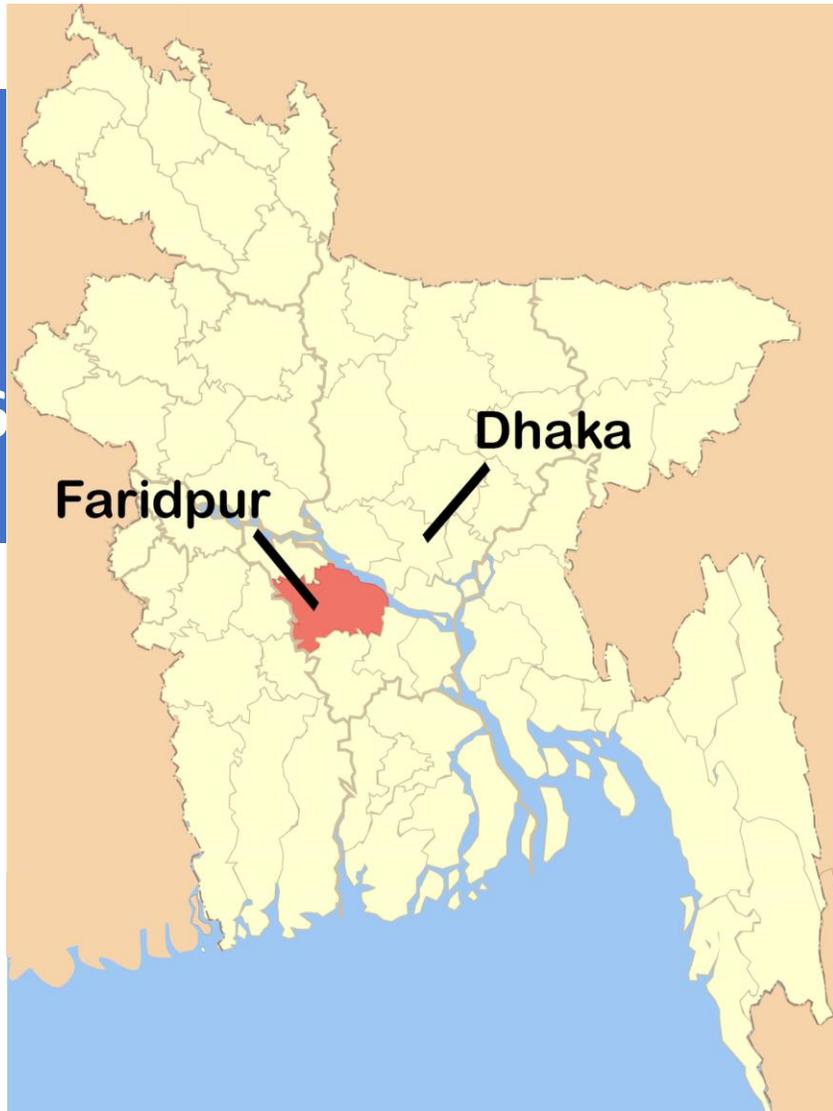


BILL & MELINDA  
GATES foundation



# 1. A “second generation” sanitation challenge

Context in Bangladesh and Faridpur



Bangladesh Open Defecation  
34% (1990)  
>1% (2015)

Fast growth of On-Site  
Sanitation facilities

Absence of  
National FSM  
Framework

## FARIDPUR

Secondary town

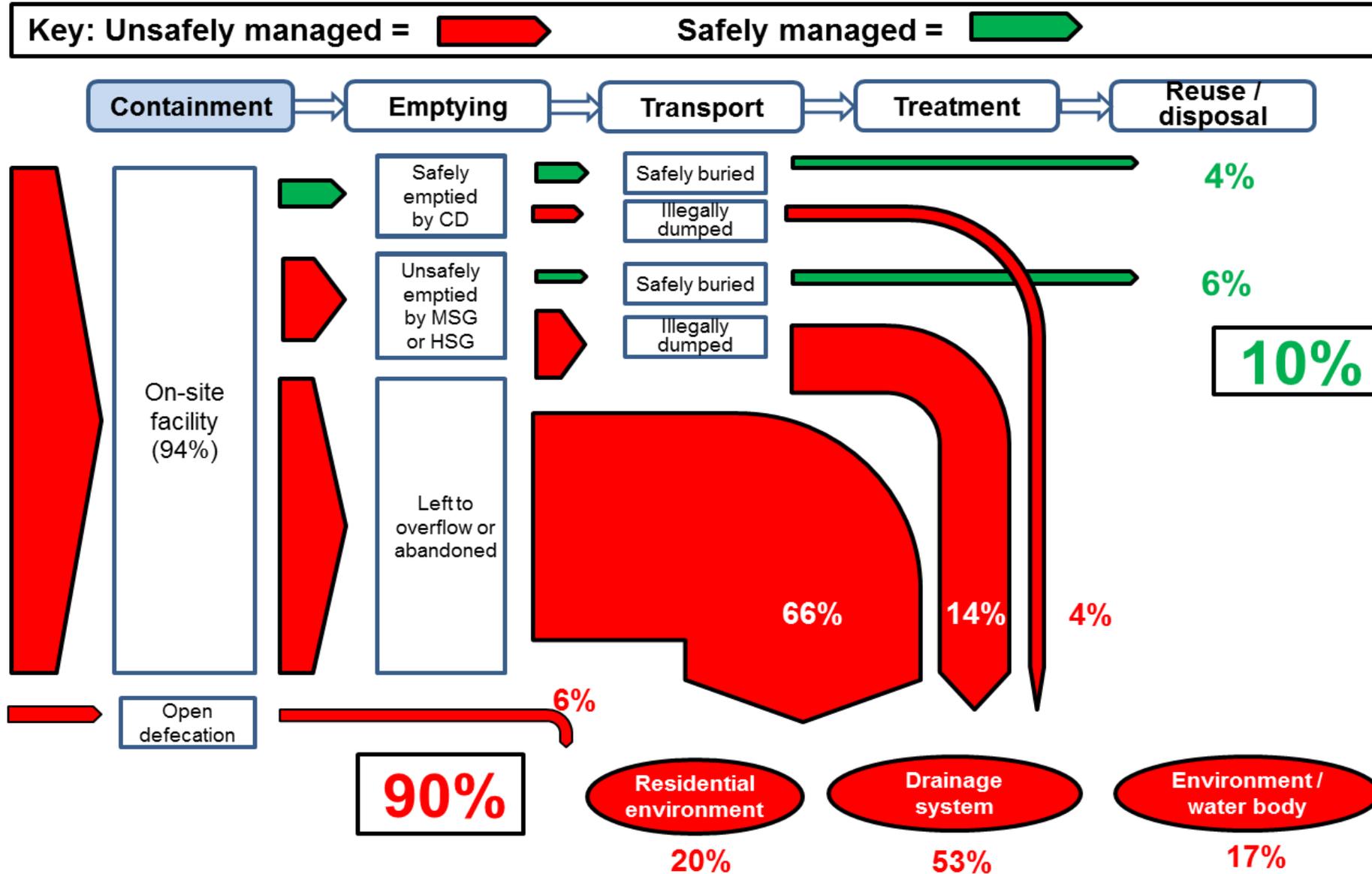
130,000

No sewers

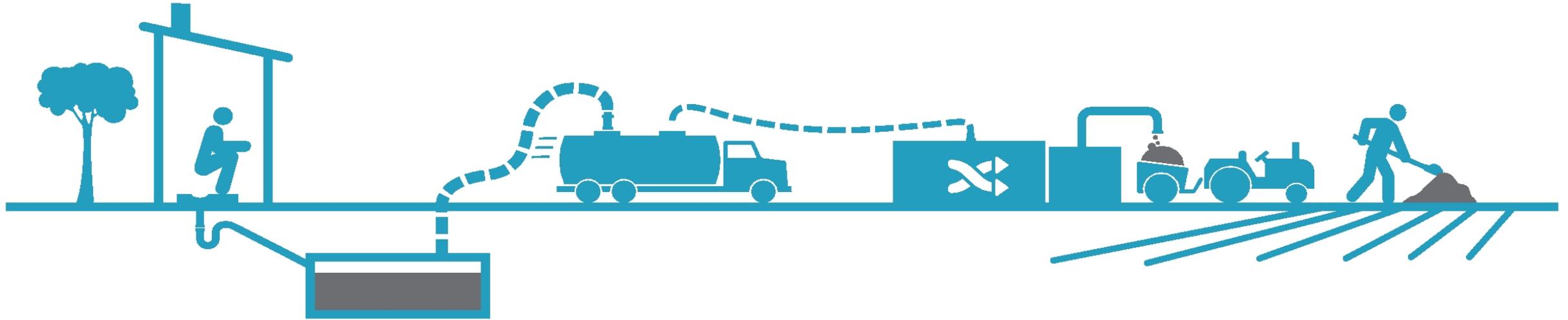
Strong role of informal sector

## 2. Existing FSM services in Faridpur

### Shit-Flow Diagram, 2014



# The project's objectives and characteristics



**CONTAINMENT**



**EMPTYING**



**TRANSPORT**



**TREATMENT**



**REUSE/DISPOSAL**

Improving  
containment  
standards in  
the city

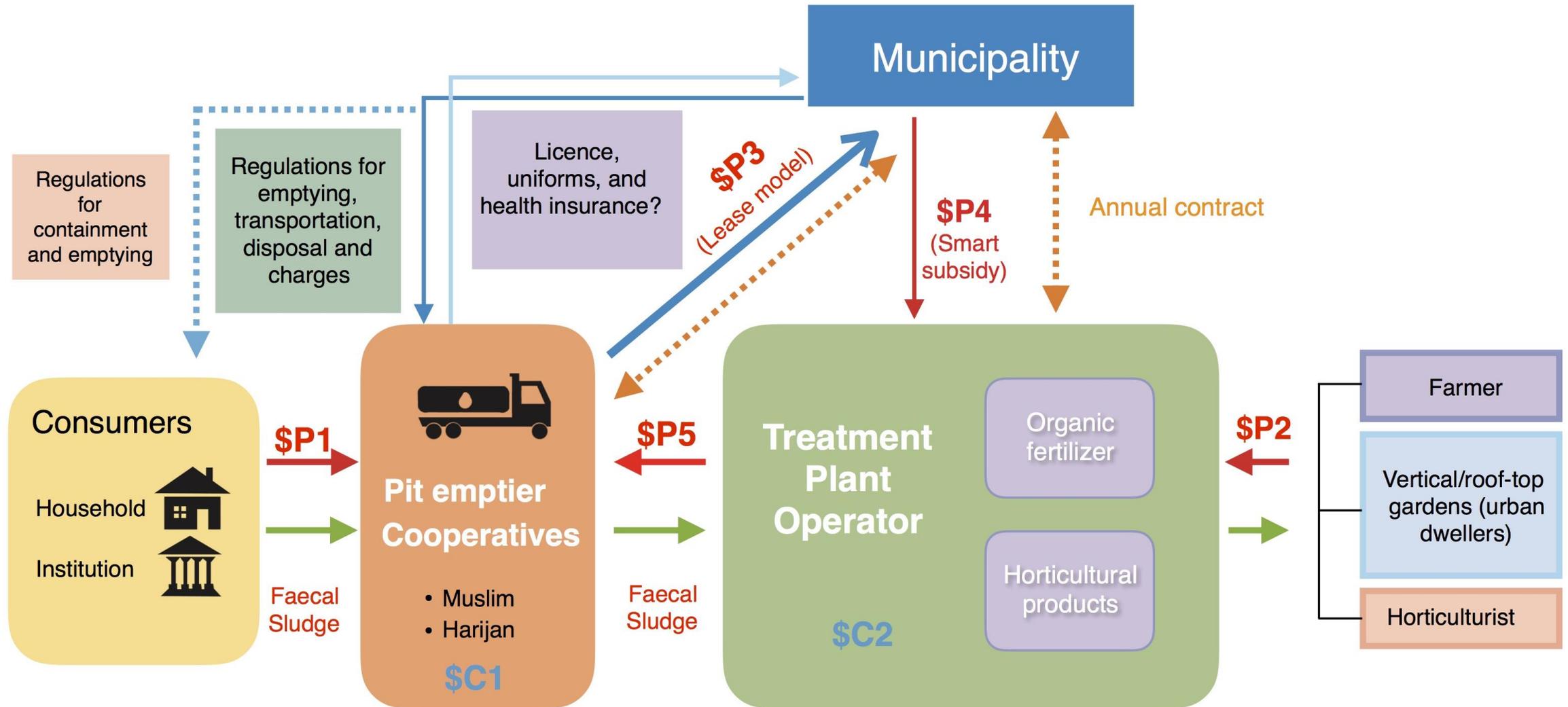
PPP for collection and  
transportation

Sludge Treatment Plant  
and PPP

Facilitating enabling environment for private businesses to supply FSM services

### 3. Inclusive business models & preliminary operation

FSM institutional arrangement and business model, Faridpur

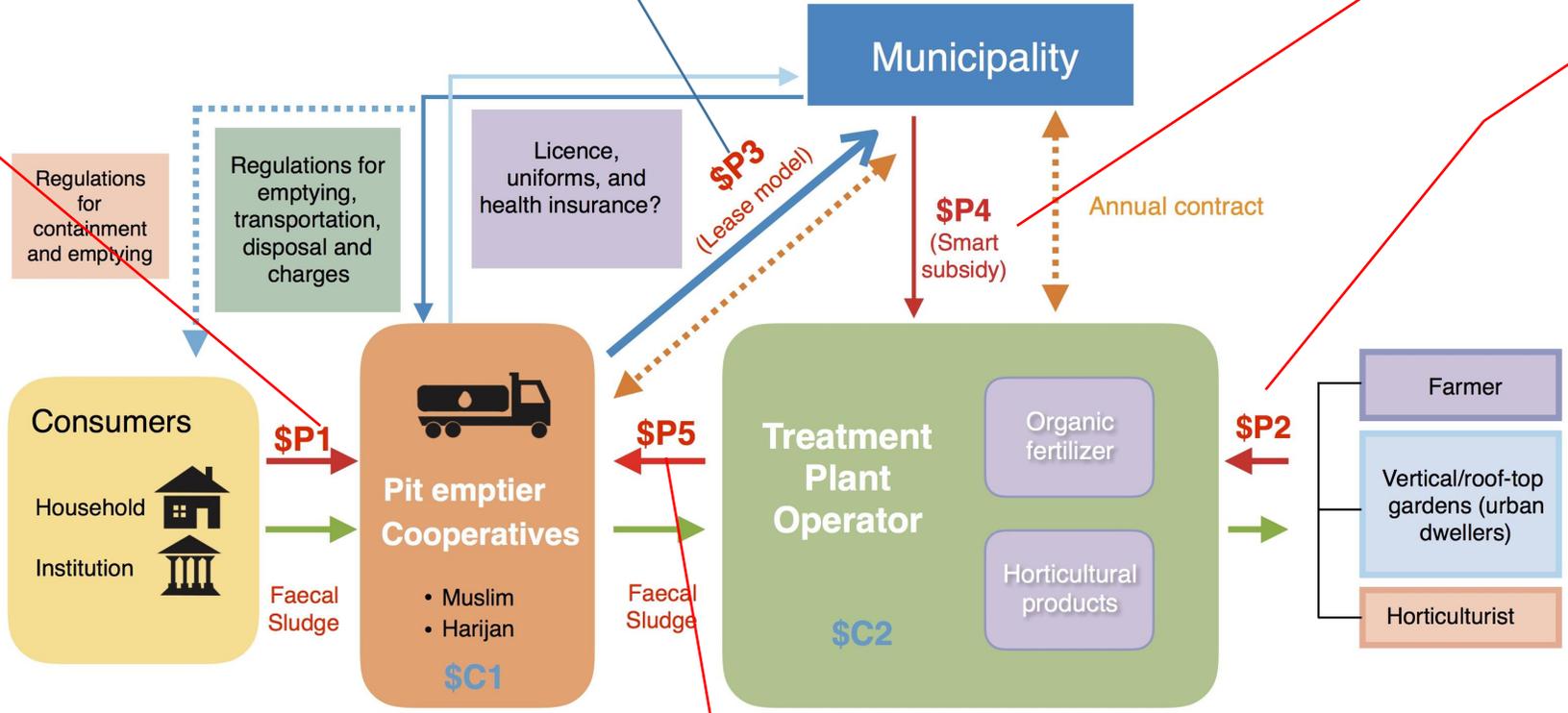


USD 210 /month from March 2017

To be fixed once operation of TPO starts

Up to USD 1,603 per year

Aug16-Feb17 = USD 4,445



USD 6 per trip for a few years



# 4. Key drivers for systemic change in Faridpur

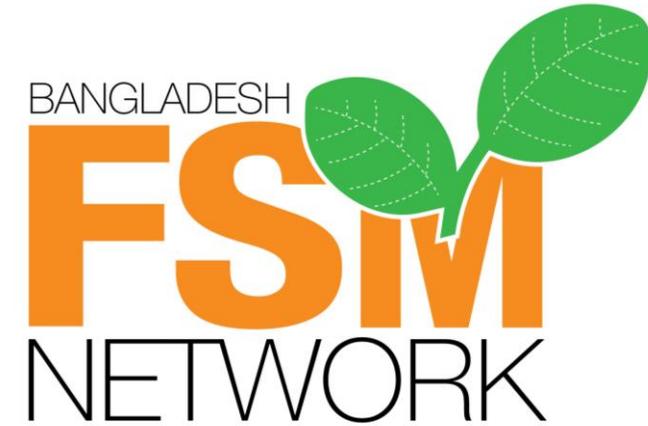
## Enabling environment and challenges



Draft

**Institutional and Regulatory Framework for  
Fecal Sludge Management (FSM):**

**Paurashavas**



Estimate the revenues of the existing service providers

**STP delays:**  
Political unrest and climate hazards

# 5. Lessons for sustainable public-private partnerships

Awareness raising and demand generation

Facilitating vs Doing

Cross-subsidized tariff structure

Engaging the PS in human waste treatment and compost marketing : new in Bangladesh



## 6. Take away food for thought

### Outstanding questions for scaling up

Adaptability and Flexibility of a PPP is essential to its uptake and scale-up

Optimal cross-subsidies : still in calculation

Deeper analysis of containment conditions required, using existing costing tools

Strategic role of National FSM network as a platform for innovation, knowledge and policy influencing

Ensure the service provided is pro-poor (not only promoting a sustainable business model city-wide)

*Rights-based approach* could help reinforce demand generation?



• Thanks !