ATHENA
INFONOMICS

Non-intrusive Monitoring Systems

ATHENA INFONOMICS
Data Science for Development

Challenges in Promoting Safe Desludging

- Low demand from households
- Lack of transparency in pricing and mismatch between demand and supply
- Failure to meet safety requirements while desludging
- Illegal disposal by some service providers
- Resistance of service providers to be monitored

Desirable Solution Features: Able to…

- Stimulate household demand
- Connect customers to the service providers that best match their specific demands
- Non-intrusive monitoring of desludging operations

FSM CONNECT

So how does it work?

The laser assessment brings two additional benefits:
- Assessing design compliance
- Allowing service prompts

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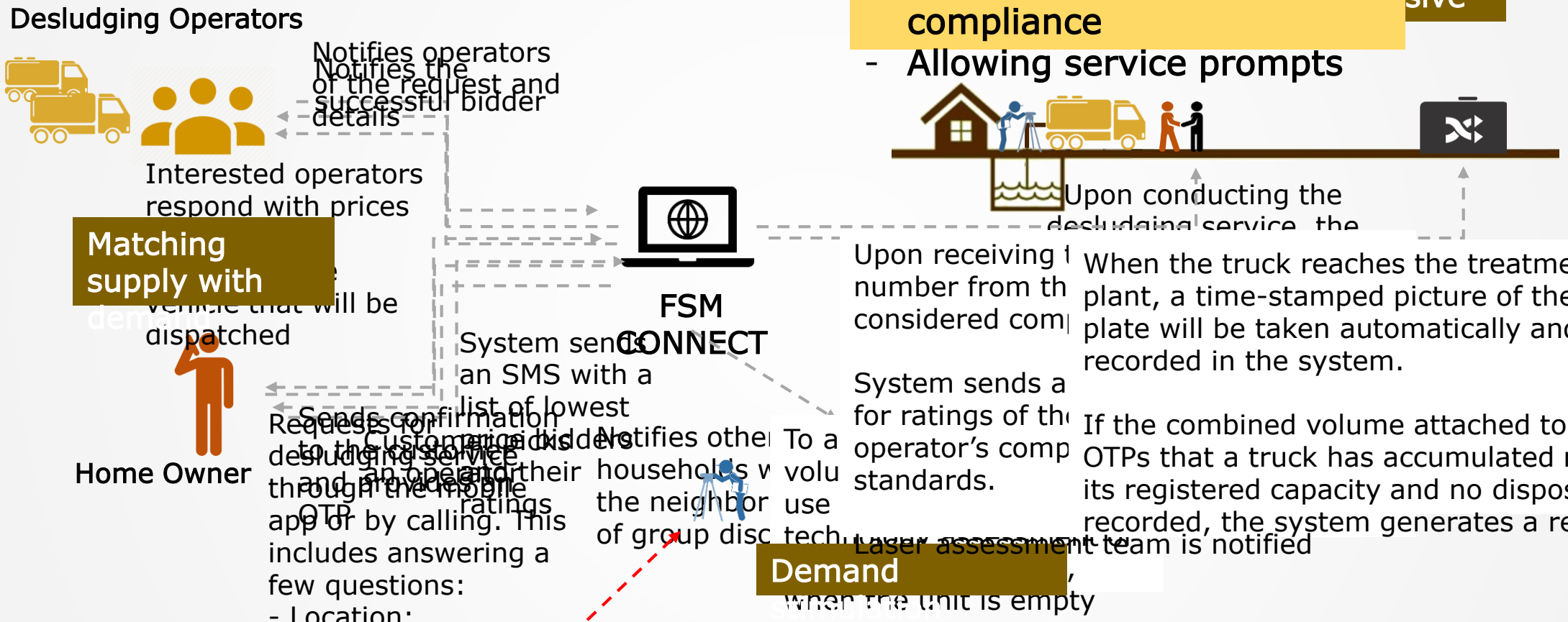

With high resistance to be regulated, monitoring the desludging operator behavior has been traditionally challenging. The USP of the proposed non-intrusive monitoring system ensures safe outcomes rather than

Assumptions /Precedent Conditions

Presence of FSM regulations and supporting policies covering registration of service providers, safe operational standards, safe disposal, etc.

Close to universal or high enough household subscription to ensure that operators rely on the system and abide by the rules