

Issues and Challenges to Sanitation Chains in Informal Settlements of Kigali- Rwanda

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Presentation outline

- ☐ Context and Background
- **□** Methodology
- ☐ Results
- **☐** Recommendations
- **☐** What we need to know more

Context and background

- □ Rapid **urbanisation**;
- ☐ Growth of informal settlements;
- □ Overcrowding and poor sanitation (empting?);
- ☐ Health risks, diseases and **deaths**?

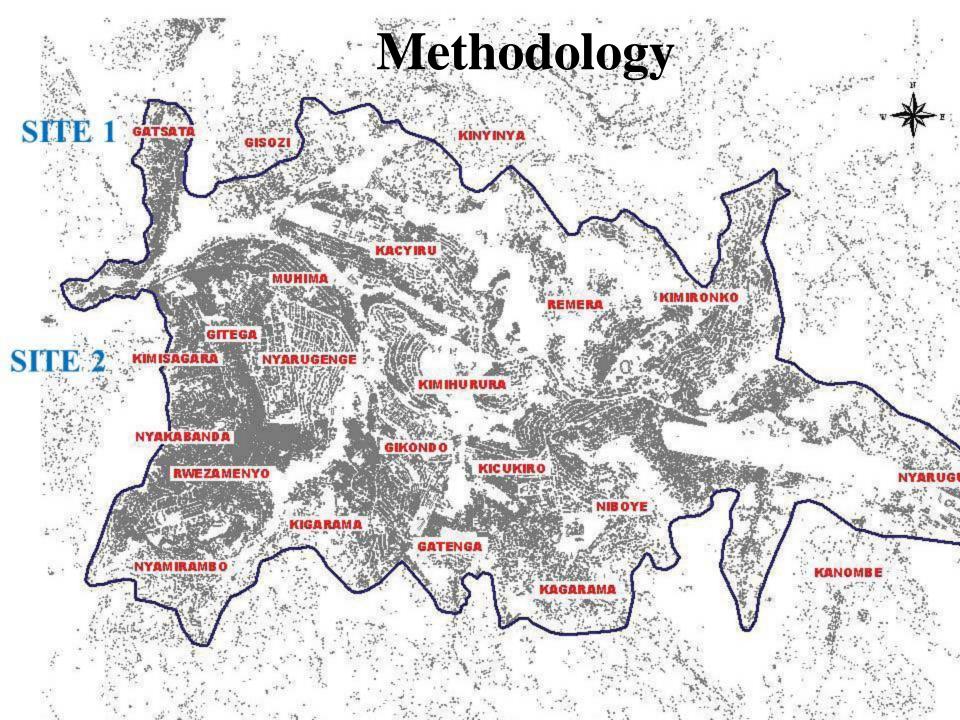








Objective: Analyse issues and challenges to sanitation SAN/SPLASH chains in informal settlements of Kigali



Methodology









Results

Facilities which are not improved remain dominant in the two areas and the differences are not statistically significant(p=.519, p>0.05)					
Improved/Not improved	Types of sanitation system	Gatsata (%)	Kimisagar		
Improved	Flush toilet connected to sewerage system	2.0	2.1		
	Pour flush connected to septic tank	.8	.4		
	Ventilated Improved Pit Latrine(VIP)	.1	.6		
	Pit latrine with a slab	52.9	52.6		
	Compositing toilet	.4	.4		
	Urine Dry Diverting Toilet (UDDT)	0	.1		
	Sub-Total	56.2	56.2		

4.4

38.9

0

.1

.4

43.8

100

4.0

.2

38.1

1.3

.2

43.8

100

Pour flush to elsewhere

Shared/public toilet

Opened defecation

Sub-Total

TOTAL

Open pit latrine without a slab

Bucket

Not improved

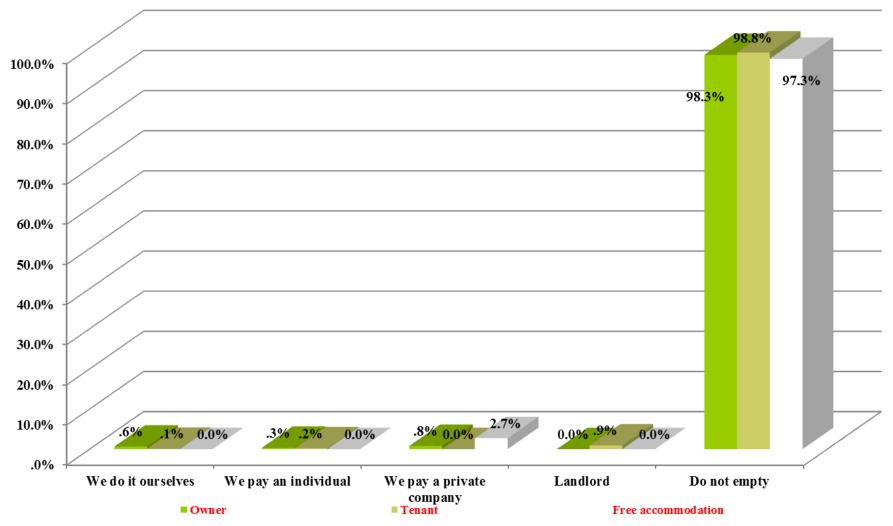
Results

House owners seem not to invest in sanitation more than tenants!

Improved/N ot improved	Types of sanitation system	Owners	Tenants	Free Accommodation
Improved	Flush toilet connected to sewerage system	22 (3.5%)	14(1.2%)	1 (2.7%)
	Pour flush connected to septic tank	6 (0.9%)	5 (0.4%)	0
	Ventilated Improved Pit Latrine (VIP)	4 (0.6%)	3 (0.3%)	0
	Pit latrine with a slab	317 (50.1%)	609 (54.2%)	20 (54.1%)
	Compositing toilet	2 (0.3%)	3 (0.3%)	2 (5.4%)
	Urine Dry Diverting Toilet (UDDT)	0	1(0.1%)	0
	Sub-Total	351 (55.4%)	635 (56.5%)	23 (62.2%)
Not improved	Pour flush to elsewhere	27 (4.3%)	43 (3.8%)	5 (13.5%)
	Bucket	2 (0.3%)	0	0
	Open pit latrine without a slab	248 (39.2%)	433 (38.5%)	9 (24.3%)
	Shared/public toilet	3 (0.5%)	10 (0.9%)	0
	Opened defecation	2 (0.3%)	3 (0.3%)	0
	Sub-Total	282 (44.6%)	489 (43.5%)	14 (37.8%)
	TOTAL	633(100%)	1124 (100%)	37 (100%)

Results

In general, empting services do not exist,

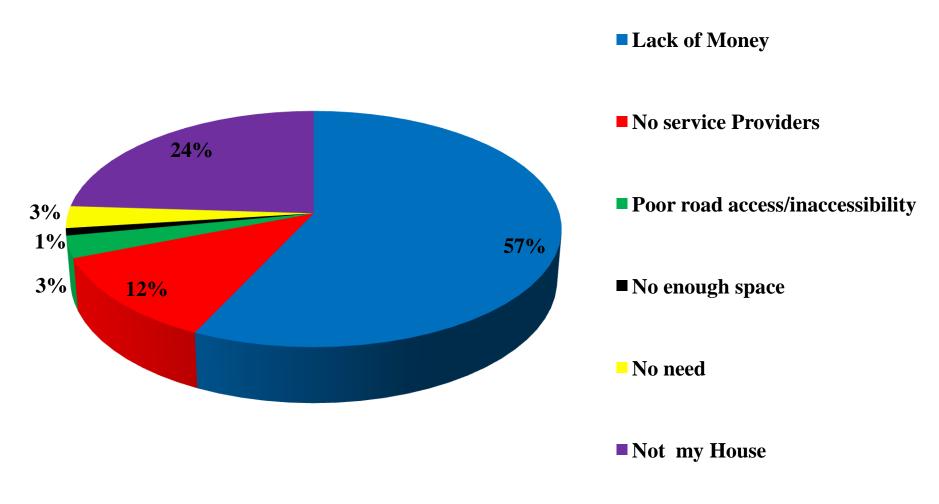


Challenge to sanitation chains! why empting services do not exist?

Results

Lack of money is a major reason.....

Reasons



Recommendations

- ☐ The Government of Rwanda and the City of Kigali should continue **empowering economically the poor**....
- ☐ Continue upgrading slums.....

☐ Investing in empting services.....

What we need to know more

☐ What should be done to provide **affordable empting services for the poor in informal settlements**?

- ☐ Are there any **pro-poor alternatives** to empting services?
- ☐ What should be the role of KCC in sanitation service markets?



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