



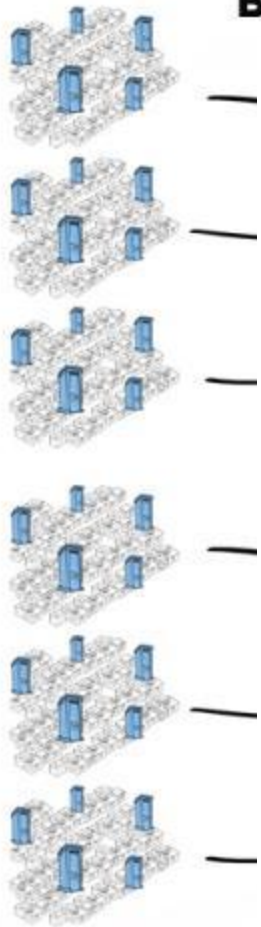
Sustainable Sanitation in Urban Slums

Introduction Workshop FSM - Maximizing Resources Recovery

Jan. 22, 2015
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BUILDING AN INTEGRATED SANITATION VALUE CHAIN



SANITATION FACILITIES

WASTE TRANSPORT & REMOVAL

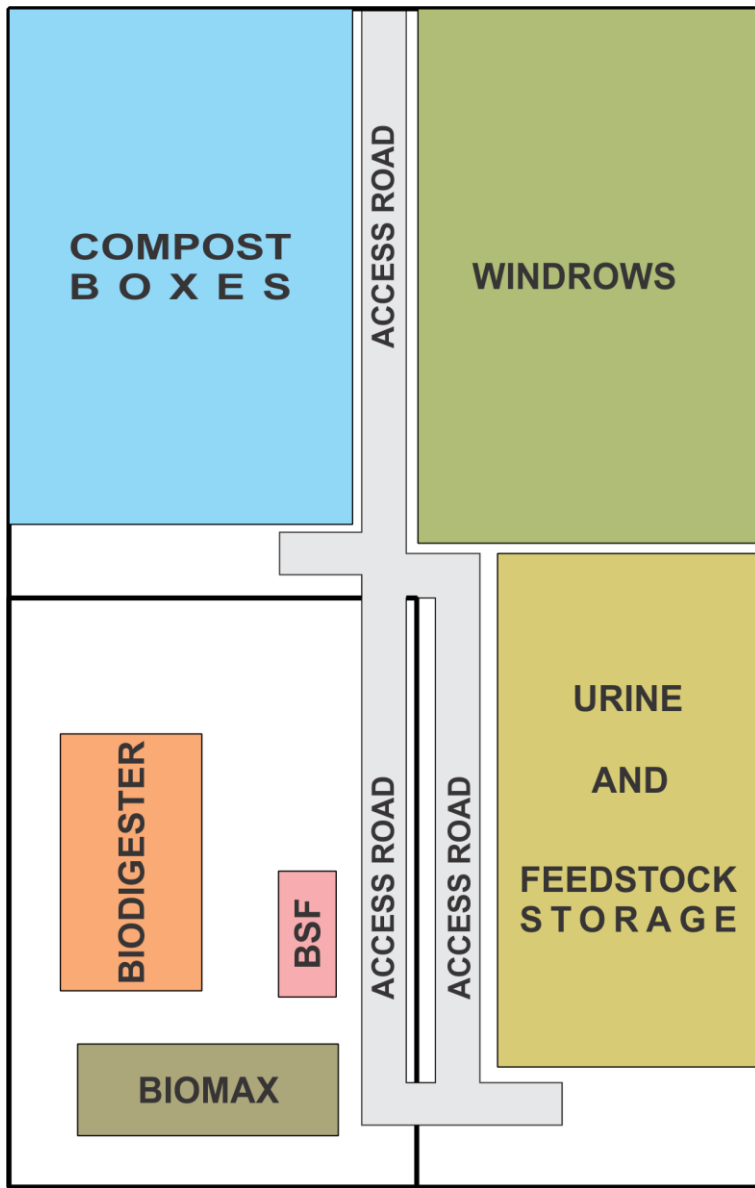
WASTE TREATMENT & REUSE

At each step, we create jobs and opportunity, while simultaneously addressing serious social, environmental and economic needs.

Composting Site Overview

structure & layout





Kinani Site layout features

Total Area: 200m x 100m

- Compost Boxes
- Windrows
- Biodigester
- Black Soldier Flies (BSF)
- Biomax
- Urine and Feedstock Storage

Container Management

receiving, emptying and cleaning



Thermophilic co-composting



**Product
quality & safety**



EVERGROW

Organic Fertilizer

[N] Nitrogen	>1.0%	pH	6.5 - 8.5
[P] Phosphorus	>0.4%	Moisture	>25%
[K] Potassium	>0.5%	C/N Ratio	<20:1
[Ca] Calcium	>1.3%	Organic Matter	>20%
[C] Carbon	>15%	Inert Materials	<3%

Ingredients: Minerals, plant material, animal byproducts and high-quality treated biosolids.

Contains trace elements.

Instructions: Recommended for basal application at planting.

Store in a cool, dry place.

Manufactured by:
Farm Star
0731 245 695
0718 800 330
info@farmstar.co.ke

Serial No:
MFG Date:
Expiry Date:
50kg Net Weight



In-vessel composting



Black Soldier Flies animal feed & compost production



Thank you!
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