

# LOW COST SANITATION SOLUTIONS IN INFORMAL SETTLEMENTS OF KISUMU.

BY:



# Profile

- Vuka Sasa is a youth founded village group
- Registered in 2012
- Membership drawn from Nyalenda community
- Maintain high sanitation standard within Nyalenda informal settlement

## Activities

- ▶ **Pit cleaning**
- ▶ **Manual Pit emptying**



# CASE STUDIES

## CASE STUDY 1: PIT EMPTYING

AREA OF STUDY: NYALENDA INFORMAL SETTLEMENT

CONCEPT: ON-PLOT SANITATION

TECHNOLOGY USED: GULPER II

CLIENTS: LANDLORDS AND INSTITUTIONS

NO OF CLIENTS: 60

HOUSEHOLDS: 580

DURATION: 2YEAR

WORKERS MOTIVATION: AFTER WORK

TOTAL NO OF PIT EMPTIERS: 15



## PIT CLEANING



### **CASE STUDY 2: PIT CLEANING**

**AREA OF STUDY: NYALENDA INFORMAL SETTLEMENT**

**CONCEPT: ON-PLOT SANITATION**

**TECHNOLOGY USED: MANUAL PIT CLEANING**

**CLIENTS: LANDLORDS & INSTITUTIONS**

**NO OF PLOTS: 56**

**HOUSEHOLDS: 560**

**DURATION: 3 YEAR**

**MANPOWER: ONE WORKER PER 10 LATRINES**

**PAYMENT : WEEKLY**

**NUMBER OF WORKERS INVOLVED: 10**

# Achievements

- **Community Ablution block**
- **Close working relationship with county Government**
- **Recognition by the community  
e.g. client forums**
- **Job creation to the youths**

# CHALLENGES AND OPPORTUNITIES

## CHALLENGES

- ▶ SOLID WASTES
- ▶ HIGH COST OF HIRED TRANSPORT MEANS
- ▶ HIGH COST OF VACCINATION
- ▶ INADEQUATE TOOLS AND EQUIPMENT

## OPPORTUNITIES

- ▶ COMPOSTING & URBAN FARMING
- ▶ GARBAGE COLLECTION
- ▶ SOLID WASTE COLLECTION & RECYCLING
- ▶ BRIQUETE MAKING



## WORK PROCEDURE

- ▶ Identification of client
- ▶ Assessment of work
  - ▶ Agreement on cost
  - ▶ Signing of contract
- ▶ Payment of deposit 50%
  - ▶ Assigning workers
- ▶ Work done (Disinfecting and Emptying) and supervision
  - ▶ Cleaning
  - ▶ Final payments

## GULPER II IN USE





# WHAT WE ARE LOOKING FOR?

- ❖ **Funding**
- ❖ **Partners – Pit emptying Technologies**
  - Means of Transport**
- ❖ **Partnerships**



**WSUP**  
Water & Sanitation  
for the Urban Poor

## CONTACT

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**“IF YOU WANT TO EXPERIENCE COMMUNITY-LED SANITATION  
JOIN VUKA SASA YOUTH INITIATIVE NOW!”**

# THANK YOU!