

# Smart Waste Pickup & Recycling Platform

- Digitizing Waste Management for a Cleaner Rwanda

# Problem

- Poor waste management in urban areas
- Lack of real-time pickup coordination system
- Limited recycling and reuse of waste

# Our Solution

- Mobile App & WhatsApp/SMS-based pickup scheduling
- Admin dashboard for waste monitoring
- Waste sorting and recycling at collection

# How It Works

- 1. Citizens request pickup via App/SMS/WhatsApp
- 2. Admins assign collection team (ticket system)
- 3. Waste is sorted: compost, recyclables, landfill
- 4. Reports generated weekly to authorities

# Revenue Model

- • Monthly user fee: Rwf 500–1,000 per household
- • Business subscriptions: Rwf 5,000–20,000/month
- • Sale of recyclables: plastic, iron, paper
- • Paid dashboard access for institutions
- • Partnerships with MINALOC, REMA

# Target Beneficiaries

- Urban residents in Rwanda
- Local government authorities
- Markets, small and large businesses

# Competitive Advantage

- Unified SMS, WhatsApp & App solution
- Real-time tracking dashboard for leaders
- Data collection and analytics
- Youth employment via collection/recycling

# Resources Needed

- 3 tech staff (devs, data)
- 2 waste collection trucks
- 50 waste containers
- 2 partner recyclers
- Initial capital: Rwf 8,000,000



# Expected Impact

- Cleaner cities and neighborhoods
- Improved governance of waste services
- Revenue generation from recyclables
- Job creation for youth in waste sector

# Our Ask

- Requesting Rwf 8,000,000 startup grant
- To develop MVP, train team, and launch pilot phase