

SRS for Socio-Economic Plastic Recycling Startup

Objective:

This SRS document outlines the requirements and specifications for the Plastic Recycling Startup, aiming to generate significant revenue while promoting socio-economic impact through sustainable waste management. The startup focuses on collecting, recycling, and processing plastic waste to create eco-friendly products and generate energy.

Stage 1: Waste Collection

1. Collaboration with Municipal Corporations: Collect waste at minimal costs.
2. Industrial Tie-Ups: Collect bulk waste from industries.
3. Community Engagement: Form local communities for waste collection, creating job opportunities.

Stage 2: Waste Processing & Revenue Generation

1. Recyclable Waste:

- 1.1 B2C Model: Easily recyclable plastics (e.g., bottles) are processed and sold directly to customers, promoting brand sponsorship.
- 1.2 B2B Model: High-quality recycled materials are sold to industries for further processing.

2. Non-Recyclable Waste (B2B Model):

- 2.1 Waste-to-Energy: Convert plastic to fuel for energy companies or municipalities.
- 2.2 Industrial Applications: Supply non-recyclable plastic for road construction and cement manufacturing.

Socio-Economic Impact:

1. Job Creation: Engage communities and create employment opportunities.
2. Brand Promotion: Awareness campaigns and community involvement for branding and advertising.
3. Sustainable Revenue: Balance B2C and B2B models to maximize profit.

TARGET USERS:

Our target users include municipal corporations, industries, energy companies, construction firms, and eco-conscious consumers. We also engage community groups, NGOs, and government bodies to promote sustainable waste management practices.

Challenges:

High initial investment, managed by starting small and scaling up gradually.