**Kano State Emergency Waste Management Plan for Markets**

**Proposed**

**By**

**Galaxy Waste Management Plc**

**1. Executive Summary**

In light of the emergency declaration by the Governor of Kano State, this proposal outlines an urgent and comprehensive Waste Management Plan for the markets in Kano. The plan aims to immediately address the current waste management crisis, focusing on improved waste collection, segregation, cleanliness, and sustainable practices. This plan seeks to restore cleanliness, promote public health, and ensure the sustainability of the environment.

**2. Introduction and Context**

Kano State has been grappling with a critical waste management problem. Market areas, especially in **Sabon Gari**, **Kanti Kwari**, and **Dawanau Markets**, are overwhelmed by uncollected waste, improper waste disposal practices, and a lack of segregation systems. The state government’s recent emergency declaration calls for immediate intervention. The proposal seeks to establish a **systematic and structured approach** to waste management in Kano's markets, emphasizing waste segregation, collection, education, and policy enforcement to restore order and cleanliness in the markets.

**3. Key Challenges in Kano's Markets**

* **Uncollected Waste**: Waste piles up in markets due to inadequate collection services.
* **Lack of Waste Segregation**: No formal system for separating organic, recyclable, and general waste.
* **Unsanitary Conditions**: The presence of waste in markets is a breeding ground for disease and creates an unsightly environment.
* **Absence of Waste Management Policies**: No formal rules, guidelines, or enforcement mechanisms for waste disposal.

**4. Objectives of the Proposal**

* Create long-term sustainability through partnerships with private waste management companies and community engagement.
* Establish Waste Collection Services: Ensure immediate removal of waste from markets.
* Implement Waste Segregation: Introduce waste separation methods to enhance recycling and reduce landfill waste.
* **Create a Formal Waste Management Policy**: Draft a waste management policy that regulates waste collection, segregation, and enforcement.
* Generate Revenue: Establish waste recycling and waste-to-energy programs to generate revenue for the state.
* Promote Public Education: Launch awareness campaigns about waste segregation and environmental cleanliness.
* Improve Public Health: Minimize health risks by improving hygiene and waste management in markets.

**5. Proposed Waste Management Plan for Kano**

This plan involves the immediate rollout of waste management initiatives in high-traffic markets, using a phased approach.

**Phase 1:** Emergency Response (1-2 months)

* **Waste Collection**: Implement **daily waste collection** services in **Sabon Gari**, **Kanti Kwari**, and **Dawanau Markets**. Temporary waste disposal stations will be set up to handle the immediate backlog.
* **Provision of Waste Bins**: Distribute **segregated waste bins** (organic, recyclable, and non-recyclable) across these markets to encourage proper disposal at the point of origin.
* **Cleanliness Campaign**: Launch a public awareness campaign to educate traders and market-goers on the importance of proper waste disposal and segregation.

**Phase 2**: Full Implementation (3-6 months)

* **Market Segregation System**: Enforce a formal waste segregation system in all markets. Traders will be trained on separating recyclables, organic waste, and general waste.
* **Waste Collection Routes**: Organize waste collection in all major markets by setting up **designated waste collection routes** and implementing regular schedules.
* **Sanitation Standards**: Introduce regulations requiring market traders to maintain cleanliness at their stalls and in common areas.
* **Policy Drafting**: Begin drafting the **Kano State Waste Management Policy**.

**Phase 3:** Long-Term Sustainability (6-12 months)

* **Policy Enforcement**: Establish a **Waste Management Enforcement Unit** to monitor compliance with the new policies.
* **Sustainability Measures**: Work with private waste management companies to ensure ongoing waste collection and recycling efforts.
* **Continuous Education**: Ongoing public education campaigns to reinforce the importance of waste segregation and cleanliness.

**6. Budget Breakdown**

The following is a proposed budget for the Kano State Emergency Waste Management Plan.

| **Item** | **Cost (NGN)** | **Description** |
| --- | --- | --- |
| **Provision of Waste Bins** |  | Purchase of 2,000 waste bins (segregated for organic, recyclable, and general) |
| **Waste Collection Trucks** |  | Purchase or lease of 5 waste collection trucks for market areas |
| **Public Awareness Campaign** |  | Materials, radio ads, workshops, and posters for educating the public |
| **Staff Salaries (Workers)** |  | Hiring of 100 workers for waste collection and monitoring during the emergency phase |
| **Training Programs for Traders** |  | Educational workshops for traders on waste segregation and hygiene standards |
| **Policy Drafting and Consultancy Fees** |  | Engaging experts to draft Kano State Waste Management Policy |
| **Emergency Waste Disposal Stations** |  | Setting up temporary waste disposal stations at key market locations |
| **Monitoring and Enforcement** |  | Setting up a monitoring team to ensure compliance with new waste management rules |
| **Miscellaneous/Contingency** |  | Additional funds for unexpected expenses |

**Total Estimated Cost**:  **NGN**

* 1. **Revenue Generation**

**Selling Recyclable Materials and Waste-to-Energy Programs**

**1. Waste Segregation and Recycling for Revenue**

* **Collection of Recyclables**: Kano State should introduce an efficient waste segregation
* system where recyclable materials (plastics, paper, glass, metals) are collected separately.
  + **Partnerships with Recycling Companies**: Kano could partner with private recycling companies to sell collected recyclables.
* **Revenue from Recyclables**:
  + **Estimated Revenue from Recyclables**: Based on estimates from Lagos, selling collected recyclables (plastics, paper, glass, etc.) could generate between NGN annually.
* **Recycling Centers**: Establish local recycling centers where waste can be sorted, cleaned, and processed for resale to factories or recycling companies. Kano waste management authorities should partners with **R.A.N. (Recycling Association of Nigeria)** to collect and sell recyclables, ensuring a steady revenue stream.

**2. Waste-to-Energy Program: Converting Waste into Electricity**

* **Develop a Waste-to-Energy Plant**: Kano State can build or partner with private companies to establish a **waste-to-energy** facility that converts waste into usable energy. This **waste-to-energy plants is** where organic waste is converted into biogas, which is then sold to power the electricity grid.
  + **Estimated Revenue from Waste-to-Energy**: A well-functioning waste-to-energy plant in Kano could generate up to NGN annually in energy sales.

**3. Waste Collection Fees**

* In addition to recycling and waste-to-energy initiatives, Kano State will introduce nominal fees for waste collection services. Market traders and businesses will pay a small, periodic fee for waste collection to ensure that the waste management system remains sustainable.

**4. Revenue Potential**

* **Total Estimated Annual Revenue from Recycling and Waste-to-Energy**:
  + **Recyclables**: NGN annually.
  + **Waste-to-Energy**: NGN annually.
  + **Waste Collection Fees**: NGN annually

**Total Revenue**: NGN annually.

**Kano State Waste Management Policy Document**

**Kano State Waste Management Policy**

The purpose of this policy is to create a comprehensive, sustainable, and efficient waste management system in Kano State’s markets. This policy aims to regulate waste disposal, encourage waste segregation, enforce sanitation standards for traders, public-private partnerships, and generating revenue through recycling and waste-to-energy initiatives, the policy aims to create a sustainable and efficient waste management system. This policy can ensure cleaner markets, healthier communities, and a more sustainable environment. The implementation of this policy will not only improve waste management practices but also create economic opportunities and contribute to the state’s revenue

**Key Provisions of the Policy**

**Policy Name: Kano State Waste Management Policy (KSWMP)**

1. **Waste Segregation**:
   * Traders must separate organic, recyclable, and non-recyclable waste at designated collection points.
2. **Waste Collection Schedule**:
   * Collection will occur daily, with designated routes for waste collection trucks operating in key market areas.
3. **Enforcement**:
   * A **Waste Management Enforcement Unit** will be established to monitor compliance. Fines will be imposed for non-compliance.
   * Use of GPS-enabled trucks to monitor collection schedules and ensure efficient service delivery.
4. **Public-Private Partnerships (PPP)**:
   * The government will collaborate with private waste management companies to manage waste collection and processing.
5. **Recycling and Waste-to-Energy**:
   * Establish a partnership with private recyclers to manage and sell recyclables.
   * Develop waste-to-energy plants for generating electricity, with profits shared between the government and private partners.
6. **Revenue Generation**:
   * Fees for waste collection services will be introduced, with traders in markets required to pay a monthly fee for regular waste removal.
   * Revenue from recyclables and energy sales will be reinvested into waste management programs.

**1. Waste Segregation**

A core component of the Kano State Waste Management Policy is the mandatory segregation of waste. This segregation will help improve the efficiency of waste processing and reduce the amount of waste that ends up in landfills. The policy will require all market traders, residents, and businesses to separate their waste into these categories, with designated bins provided by the local authorities. This will involve separating waste into the following categories:

* **Organic Waste**: Food scraps, yard waste, and other biodegradable materials.
* **Recyclable Waste**: Materials such as plastics, metals, paper, and glass that can be processed and reused.
* **Non-Recyclable Waste**: Items that cannot be recycled and must be disposed of in landfills.

**2. Penalty for Non-Compliance**

To ensure adherence to the waste segregation policy, penalties for non-compliance will be enforced. The policy will introduce fines for individuals or businesses that fail to segregate their waste properly. This will create a sense of responsibility and ensure the smooth operation of waste management practices. These penalties aim to promote compliance and ensure that markets and communities contribute to keeping the environment clean and sustainable.

* **First Offense**: A verbal warning and an educational session on proper waste segregation.
* **Second Offense**: A fine of NGN for market traders who fail to comply.
* **Third Offense**: A fine of NGN and the temporary closure of the business or stall until proper waste segregation is achieved.

**3. Regular Collection Services**

To maintain a high level of cleanliness and sanitation in markets and other critical areas, Kano State will establish routine waste collection services. These services will be carried out by both the government and private contractors working under Public-Private Partnership (PPP) agreements.

* **Scheduled Collection**: Waste collection will take place on a regular, scheduled basis in all market areas, with services offered at least three times a week.
* **Waste Collection Trucks**: Dedicated waste collection trucks, equipped with separate compartments for each type of waste (organic, recyclable, and non-recyclable), will be deployed in the markets and residential areas.
* **Timely Collection**: Waste will be collected promptly to ensure there are no waste pileups that could lead to unsanitary conditions.

**4. Public-Private Partnerships**

The government will collaborate with established private waste management companies to enhance the efficiency of waste collection, processing, and recycling activities.

* **Leveraging Private Sector Expertise**: Collaborate with established private waste management companies to improve waste collection, recycling, and waste-to-energy initiatives.
  + **Private Company Role**: Private companies can manage waste collection, processing, and recycling, while the government oversees policy enforcement and public health.
* **Private Sector Responsibilities**:
  + **Collection & Transportation**: Private companies would handle regular collection and transportation of waste from markets and other key areas.
  + **Recycling & Waste-to-Energy Projects**: These companies could also manage the establishment of recycling centers and waste-to-energy facilities, ensuring long-term sustainability.

**2. Contractual Agreements:**

* Drafting a clear **Public-Private Partnership contracts** specifying the roles and responsibilities of both the government and private companies.
  + **Revenue Sharing**: Setting a model where the private companies share a portion of the revenue from recycling and waste-to-energy programs with the government.
  + **Accountability**: Ensuring the private companies meet the waste processing goals and environmental standards.

**Jibril Adullahi**

**Mujittapha Saeed**

Galaxy Waste Management Plc  
26/02/2025

**The Honorable Abba Kabir Yusuf**  
Governor of Kano State  
Kano State Government  
Kano, Nigeria

Dear Honorable **Abba Kabir Yusuf**

I trust this letter finds you well. Following your recent emergency declaration regarding waste management in Kano State, I am pleased to present a comprehensive proposal for addressing the growing waste management crisis in Kano’s markets. This proposal outlines an emergency response plan, including waste segregation, collection, cleanliness initiatives, and the development of a robust waste management policy.

I respectfully submit this proposal for your consideration and look forward to a meeting where we can discuss how to implement this initiative successfully. The plan is designed to restore order and cleanliness in Kano’s markets, benefiting public health, the environment, and the economy.

Thank you for your time and consideration. I look forward to your positive response.

Sincerely,  
Jibril Adullahi

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