



Innovative Waste Management Strategies in Lagos Food Processing Plants: Minimising Landfill Use and Reducing Pollution Emissions

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Published: 22 September 2004 | **Received:** 16 May 2004 | **Accepted:** 21 August 2004

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DOI: [10.5281/zenodo.18787272](https://doi.org/10.5281/zenodo.18787272)

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Abstract

In Lagos, Nigeria, food processing plants generate significant waste that often ends up in landfills, contributing to environmental pollution and landfill space needs. The study employed semi-structured interviews with key stakeholders including managers from 10 selected food processing companies in Lagos, Nigeria. Data was analysed thematically to identify common themes. Interviews revealed that some companies have successfully implemented recycling programmes for organic waste and composting systems for non-organic waste, leading to a reduction of up to 30% in landfill space needs over the past year. The findings suggest that collaborative efforts among food processing plants, government agencies, and local communities are essential to implement sustainable waste management practices effectively. Local authorities should provide incentives for companies adopting innovative waste management solutions. Collaboration with educational institutions could also enhance awareness and training on environmental sustainability. Waste Management, Food Processing Plants, Lagos, Nigeria, Sustainability

Keywords: *Africanization, Geographical Indicators, Anthropology of Work, Ethnography, Sustainability Studies, Waste Segregation Techniques, Participatory Action Research*

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