World Academy of Science, Engineering and Technology International Journal of Chemical and Materials Engineering Vol:17, No:07, 2023

## Food Service Waste Management In Nigeria: Emerging Opportunities And Policy Initiatives For Mitigation

Authors: Victor Oyewumi Ogunbiyi

**Abstract :** Food waste is recognised as one of the major global challenges in achieving a sustainable future. Currently, very little is known about the multi-stakeholder approach to food waste management downstream of the supply chain, particularly in the foodservice sector. In order to better understand and explain the complex issues of food waste, a qualitative study was conducted on the generation of food waste in food services (restaurants, catering, canteens, and local food vendors) and policy initiatives to mitigate it from the perspective of the stakeholders. A semi-structured interview approach and observation were used to collect data from some 32 selected stakeholders in Garki, Abuja, Nigeria. Thematic analysis was employed to analyse the data from the qualitative instrument adopted in this study. Results revealed that the attitude of stakeholders, poor environmental hygiene, poor food cooking skills and handling, and lack of communication are the major causes of food waste. This study identified seven policy initiatives: regulations, information and education campaigns, economic instruments, mobile applications, stakeholders' collaboration, firm internal action, and training. Finally, we link policy initiatives to food waste mitigation to provide a response to the damaging shock of food waste.

**Keywords:** food waste, foodservices, emerging opportunities, policy initiatives, food waste prevention, multistakeholder. garki district-abuja

Conference Title: ICFWRTCE 2023: International Conference on Food Waste Recovery Technologies and Conventional

Extraction

Conference Location: Helsinki, Finland Conference Dates: July 06-07, 2023