Title of Article: Analysis of Municipal Solid Waste Management in Ota, Ogun State, Nigeria: Potential for Wealth Generation.

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Abstract: The quantity and generation rate of municipal solid wastes in Ota metropolis have increased at a disturbing rate over the years with lack of efficient and modern technology for the management of the wastes. This is because, governments, institutions, and private sectors have given solid waste management low priority and ignoring the implication it has on the general public. This is characterized by inefficient collection methods, insufficient coverage of the collection system and improper disposal. This paper presents the current solid waste management method adopted in Ado-Odo Ota local government and its associated challenges. Four locations (Iganmode area, Joju area, Ota market and toll gate area) were selected. These sites are points where the waste bins are located. A field work that involves the characterization and types of the waste generated, and frequency of collection from each site was carried out. A representative sample of 280 kg was used for the waste characterization and the result shows that about 64% of the wastes are recyclable with lots of organic waste that comprises of food and agricultural waste which can be used as compost. The only dump site in Ota was visited in order to obtain useful information concerning the present state of solid waste management. The study revealed that there is presently no investment made to the existing development plan to introduce a modern waste management system. The study suggests new approach that could be used by institutions and government agencies for municipal solid waste management to achieve sustainable and effective sanitation.