

Analysis of the Impacts and Challenges of Conventional Solid Waste Management in Urban Centers of Developing Countries

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Abstract : Solid waste management continued to be the biggest threat to the sustainability of urban centers of developing countries. Most streets corners of these urban centers are characterized by heaps of uncollected wastes at drains, public spaces and road sides destroying the aesthetic qualities and environmental ecosystems of these cities. Also, harboring disease vectors and rodents putting the health of the populace at risk, thus posing a serious challenge to the municipalities who are in most cases responsible for the solid waste management in these cities. The typical or commonest method adapted by these agencies in dealing with the solid waste management is the conventional approach; focusing mainly on waste collection ,treatment(composting and incineration)and disposal giving little consideration to the 3RS, of waste reduce, re-used and recycled. The resultant consequence being huge budget spending in solid waste management as high as 80% but little collection rate as low as 50%. This paper attempt to analyze the impacts and effects of the conventional solid waste management practices on the stakeholders in solid waste management; the municipal authorities, the communities, formal and informal waste managers, the NGOs and CBOs and suggests appropriate measures that would lessen the effects.

Keywords : conventional waste management, solid waste, waste stakeholders, developing countries

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