

## SUSTAINABLE SOLID WASTE MANAGEMENT

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### Abstract

Sustainable solid waste management is a struggle for urban officials in developing nations, primarily owing to the growing waste generation, the pressure on the municipal budget as a consequence of the elevated expenses connected with its management, the absence of knowledge of a variety of variables affecting the distinct phases of waste management and the linkages needed to allow the complete management of waste. In this research, a mixture of techniques was used to evaluate stakeholders and variables affecting waste management performance in towns. When planning, altering or applying waste management systems in towns, the data supplied is very helpful.

**Key words:** Solid waste management, techniques, evaluate, data.

### Introduction

A reasonable number of studies have been conducted over the past few years to determine important variables that affect waste management systems[1]–[3] in developing towns. The purpose of this research is to identify the stakeholders interested in the waste management[4]–[6] scheme of the towns under study and the variables influencing system efficiency in the countries that are still developing. Integrated Sustainable Waste Management (ISWM) Model[7], [8] is a model that enables comprehensive study of complex and multi-dimensional systems. The model stresses the importance of three dimensions when evaluating, developing or altering a waste management system.

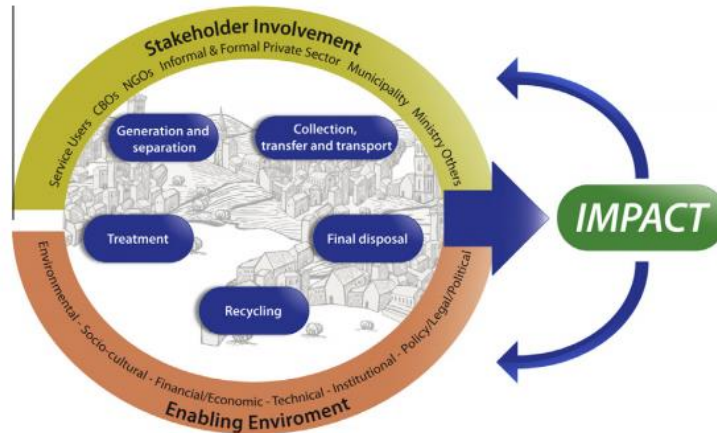


Fig.1: Integrated waste management model

Methodology

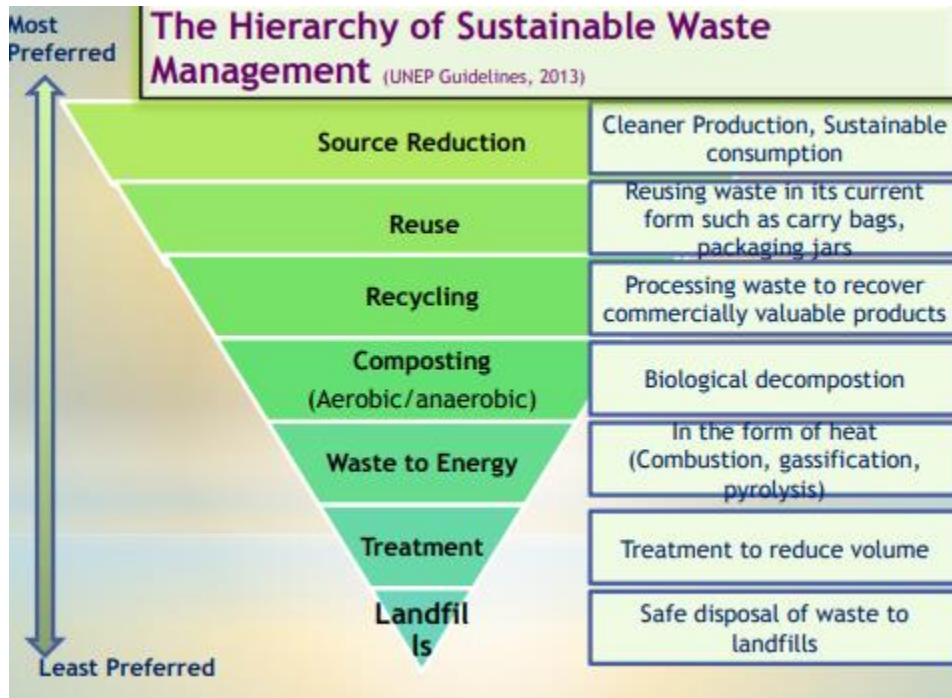
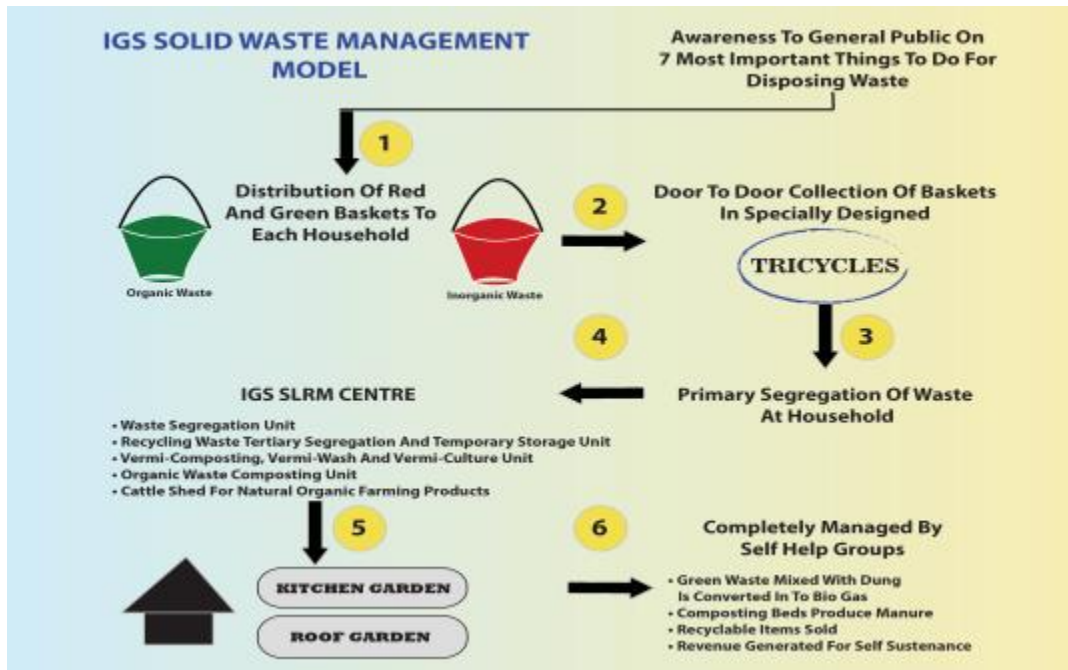


Fig:2 The hierarchy of Sustainable Waste Management



**Fig:3 The Solid Resource Management Model**

## Conclusion

Management of waste includes a big number of distinct stakeholders with distinct areas of concern. They all play a part in shaping a city's system, but it is often viewed only as a local authority accountability. The people are regarded to be co-responsible with the municipality in the best of instances. For any person or organization interested in planning, altering or applying a waste management scheme in a town, the data given about the variables affecting strong waste management systems is very helpful.

## References

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