

Chapter Eight - Concluding Remarks

Suani TeixeiraCoelho

Research Group on Bioenergy, Institute of Energy and Environment, University of São Paulo, São Paulo, Brazil

ABSTRACT

The adequate collection and disposal of municipal solid waste (MSW) remain a challenge in developing countries as a direct consequence of inadequate practices, which in turn produce negative environmental and social impacts. In industrialized countries most MSW are collected, reused, recycled, and, before being disposed in landfills, are recovered through waste-to-energy (WtE) systems. However, in developing countries, WtE technologies still face several barriers, in all aspects, and the synergies of WtE and basic sanitation are not yet well seen.

Keywords

MSW disposal;WtE processes;Implementation;Social impacts;Awareness;Information

<https://doi.org/10.1016/B978-0-12-813419-1.00008-5>