

## Chapter Four - WtE Best Practices and Perspectives in Latin America

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### ABSTRACT

Despite being a developing region, energy access has improved in Latin American region in the last years. However, energy access in general, as well as access to modern and clean energy sources for cooking, is still a matter of concern in some countries particularly in rural areas. Additionally, MSW disposal is still a matter of concern in the several municipalities of the region. In this context, WtE can be an interesting option for the region. This chapter presents a brief resume of current best practices of MSW disposal in some Latin American countries: Argentina, Brazil, Ecuador, and Mexico, as well as the perspectives for WtE technologies in the region. Empirical evidence shows that landfills are the most common practices for MSW disposal in the region, and in many cases with power production from biogas. A few experiences show the production of biomethane from biogas upgrade and injected into natural gas grid..

### *Keywords*

WtE Technologies; Argentina;Brazil;Ecuador;Mexico;Landfills;Biogas

<https://doi.org/10.1016/B978-0-12-813419-1.00004-8>