

Preface

Many countries, beyond those considered to be ‘developing’, have waste management systems with significant improvement margins to reach worldwide state-of-the-art engineering, health and safety standards. These are still characterized by a heavy dependence on landfilling (both engineered and non-engineered) and diverging, but generally low, levels of recycling and composting, as well as a general absence of waste-to-energy schemes and plants.

Waste-to-Energy (WtE) is understood in this edited volume to encompass a broad range of energy-from-waste approaches and techniques including incineration, pyrolysis, gasification, anaerobic digestion and co-combustion in existing industrial plants. This volume comprises of 15 chapters addressing different WtE aspects related to developing countries and transient waste management systems.

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