Title	ConvoWaste: An Automatic Waste Segregation Machine Using Deep Learning
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Abstract

Urban Waste management refers to the processes and actions, which are required to manage the waste from its inception to its final disposal in order to ensure a clean environment and proper resource utilization. In every single day, waste is being generated in many ways such as industrial activities, household activities,

medical activities and so on. Managing these huge amounts of generated waste by manual operation is very difficult, time consuming and costly. That is why this is the peak time to consider an automatic waste management system in order to recycle and reuse the waste as well as to reduce its production. According to [1], in the European region, 56% or 423 million tons of the generated waste was recycled domestically in 2016 and 24% or 179 million tons of generated waste was gathered in the landfill at the same time. This paper shows that the proper waste management system of the country is one of the most important steps for the waste recycling process. That is why the use of modern technology combined with a proper waste management system can be beneficial and the results of this system would be innumerable if it is implemented properly.