

# PLANNING OF COMMUNAL WASTE COLLECTION PROCESS

**PhD Boban Cvetanović<sup>1</sup>;**

<sup>1</sup>College of applied technical sciences Nis, Nis, Republic of Serbia, boban.cvetanovic@vtsnis.edu.rs

**Abstract:** *Collecting and removing waste is a difficult and complex task. These activities are particularly demanding in the collection of municipal waste in urban areas. Given that the waste generation scheme is becoming more and more complex, and the total quantity increases, the logistics of collecting and transporting waste is becoming more complicated. Waste collection and disposal processes represent the most expensive operation in the entire waste management system and must therefore be well analyzed and planned. By optimizing these activities, the total costs of waste disposal can be reduced several times. This paper highlights the importance of good planning of the municipal waste collection process through the analysis of the most important planning elements, such as the location, method and frequency of collection.*

**Key words:** *municipal waste, planning, collecting*