

**O 90. THE FEASIBILITY OF “ZERO WASTE PROJECT” IN THE FIVE-STAR HOTELS
OPERATING IN ANTALYA**

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ABSTRACT: According to the Zero Waste Regulation Exposure Draft prepared by the Republic of Turkey Environment and Urban Ministry in 2018, 4 & 5 star hotel establishments have to pass to Zero Waste Management System by providing the prerequisites in Annex 7/A of the regulation in 2019. Based on this statutory obligation, feasibility of zero waste project in the five-star hotels operating in the province of Antalya, seen as the tourism centre of Turkey, is investigated. In this study, 23 five-star hotels in Antalya were subjected to a survey study so as to evaluate their proximity to Zero Waste Management System. In the first part of the survey, questions were asked about the general information of hotel managements. In the second part of the survey, questions were asked about whether they meet eight criteria given as the preconditions in Annex 7/A of the Zero Waste Regulation Draft for the establishment of Zero Waste Management System in hotels. In the third part of the survey, questions were asked to determine whether the hotels applied six options in the US EPA Food Recovery Hierarchy so as to evaluate the activities of hotel businesses within the scope of zero food waste. According to the results of the study, the five-star hotels operating in Antalya are determined to be able to meet the conditions for establishing a Zero Waste Management System due to their existing waste management systems and to provide food recovery by establishing a procedure within their own facilities.

Keywords: Antalya, Five Star Hotel Businesses, Zero Waste Project, Zero Waste Management System