

**The impact of the efficiency of training programs on sustainable innovation - the culture of quality as a modified variable: an applied study in king Abdullah II son Al-Hussein Industrial City**

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**Abstract**

This study aimed to identify the impact of the efficiency of training programs in its dimensions (identifying training needs, designing training programs, implementing training programs, evaluating training programs) on sustainable innovation in its dimensions (economic, environmental, social) and knowing the role of the modified variable, culture of quality, in the relationship between training programs. and sustainable innovation in king Abdullah II son Al Hussein Industrial City, and to achieve the purpose of the study, the descriptive analytical approach was followed, and the study sample consisted of (366) employees working in Abdullah II Bin Al Hussein Industrial City, and the study tool was distributed, which consisted of three parts, the independent variable The efficiency of training programs, the dependent variable, sustainable innovation, and the culture of quality as a modified variable, both on paper and electronically, with reliance on the paper side of data collection. After analysis, the researcher reached a set of results, most notably:

1. There is a statistically significant effect of the efficiency of the training programs in their combined dimensions on sustainable innovation in its dimensions in Abdullah II Bin Al Hussein Industrial City.
2. There is an effect of the culture of quality in improving the relationship between the efficiency of training programs and sustainable innovation in Abdullah II Bin Al Hussein Industrial City.

Among the most important recommendations that came out of the study is the importance of raising its efforts to achieve better levels with regard to the efficiency of training programs and working to achieve more progress in this field. the organization.

**Keywords:** efficiency of training programs, sustainable innovation, culture of quality, king Abdullah II Bin Al Hussein Industrial City.