

**Influence of Budget Planning on Implementation of Water Construction  
Projects in Bomet County, Kenya**

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**Abstract**

Water projects all over the world have been initiated for the purpose of solving water problems. For many years in Kenya, various Government Agencies, Non-Governmental Organisations (NGOs) and donors have been investing large sum of money in water projects like building dams, boreholes, and wells. However, fewer projects are being completed within the budget or meeting original goals, owing to the fact that project stalled and collapsed. Therefore, there is still under provision

of water for domestic use particularly in the rural and slum areas of Kenya. Budget planning is necessary for project success. Many studies have been carried out on the influence of budget planning on projects implementation, but the main focus has been on project management practices and project performance. The study sought to fill this knowledge gap. The main objective of this study was to analyze the influence of budget planning on implementation of

water construction projects. Cash management theory guided this study. The study used descriptive survey design and therefore, water projects in the county of Bomet were the unit of analysis. Data was collected by use of self-administered Questionnaires. The study targeted 440 respondents and the sample size were 131 respondents drawn from all targeted unit of analysis. This study carried out a census on 88 initiated water projects in the county of Bomet. Pre-test study was administered to 18 respondents of Kajiado County to test the reliability and viability of the instruments. Data was collected through administration of a questionnaire. Regression results showed that all budget planning, was significant on implementation of water project with the F statistics value of 49.64, and P-value of 0.000. The coefficient determination of explanatory variable explains 52.7% of the variations. Technology integration (moderating variable) was found to have an influence on the relationship between planning and implementation of water projects. In conclusion, therefore budget planning influenced implementation of water projects. The study recommends that water trust funds and other institutions funding water projects can replicate the findings of this study to improve on accessibility to safe and clean drinking water to the citizens.

**Key words:** Budget planning, Implementation, water projects