

## **ABSTRACT**

Planning for sustainable cities is and should be the new view of an urbanist towards development when it comes to city and town planning. Sustainable urbanism is both the study of cities and the practices to build them, that focuses on promoting their long-term viability by reducing consumption, waste and harmful impacts on people and place while enhancing the overall well-being of both people and place. Well-being includes the physical, ecological, economic, social, health and equity factors, among others, that comprise cities and their populations.

This development project attempts to provide optimal solutions to the challenges of the study area. The project investigates on the planning concepts of sustainable urbanism and thus focuses on the theme of walkability and its urban design dimensions to formulate or to come up with possible plans and alternative solutions to the underlying challenges.

Challenges such as poor transportation network that is characterised by bad roads and inadequate pedestrian amenities were evident in the study area. Pollution in terms of both noise and air, we also felt needs presented by the area residents in which they argued that this was mainly as a result of automobiles in the study area. The environmental condition around the site was seen not be pleasant at all since there was no form street scaping. Lack of a communal park and open space was also a challenge presented by the study area among other discussed in the document.

Data collection was mainly through primary and secondary data. The use of questionnaires as well as interview guides were useful in primary data collection process. Data obtained from secondary sources such as online publications, books and previous reports were used in literature review.

With the ongoing increase in population pressure and unsustainable developments, there arose need to plan for sustainable urbanism in Westlands as it poses a great avenue in terms of

location and economic potential thus attract investors. The preferred plan integrates the sustainable urbanism pillars of social, economic, physical and environmental to come up with the best alternative that thus provides solution to the planning challenges.