

## Modeling a Sustainable City in the Twenty-First Century: A Case Study of Ibadan Oyo State Nigeria

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**Abstract :** The challenges facing government at all levels in the area of urban development are two folds, first is how to provide basic services for urban dwellers especially the urban poor and second, how to make cities and towns as model of good places for economic development. The key ingredients and catalysts for achieving these goals are strong and virile institutional capacity, urban infrastructure and a supportive urban policy framework. The government at all levels have been upgrading and expanding city infrastructure and services in Ibadan, the state capital to support sustainable economic development of the city, particularly in the areas of electricity, neighbourhood, solid waste management, transport, water supply, education, health facilities and markets developments to discourage street trading. This paper attempts to present Ibadan in the millennium as 'a model of a sustainable city'. A planned development strategy that had sustained the growth of the city from a war camp in the 19th century to a cosmopolitan city in the 21st century with the potential to become a megacity. The presentation examines, among others, the physical structure and population density of Ibadan city, the challenges of economic development, the development of urban infrastructure and services in Ibadan metropolitan area. The paper submitted by mapping out a strategy to achieve sustainable development of Ibadan city.

**Keywords :** megacity, physical structure, sustainable city, urban infrastructure

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