

## **The role of the city prosperity index in sustainable development case study: Infrastructure in the Holy City of Makkah**

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### **Abstract:**

The world is witnessing a large and continuous process of rural-urban population transformation. This poses a major challenge to the urban planning and sustainable development processes. Accordingly, these processes must keep pace with the future and are based on scientific foundations to achieve the desired and achieve prosperity.

Data and indicators that include all dimensions of sustainable development are considered one of the important tools for achieving effective and efficient development policies. The Habitat City Prosperity An initiative is a tool for measuring sustainable urban development that enables city management authorities and various stakeholders to identify different opportunities and areas for development to make cities more prosperous.

The research sought to describe and analyze the city prosperity initiative and study the relationship between it and the goals of sustainable development in general, and a detailed study of one of its main axes (infrastructure development), then study its results in the city of Makkah and study how the indicators of infrastructure development were reflected in development policies.

The research took a methodology to achieve the goals through the descriptive, analytical approach and case study to devise how to use the indicators of city prosperity to set development policies.

The research concluded the importance of the Cities Prosperity initiative as a tool for monitoring and analyzing the current situation and as a monitoring and evaluation tool to achieve the goals as well as a tool for how to achieve the goals. The research also showed how to use the indicators of prosperity and quadrennial analysis thereof in setting development policies and achieving sustainable urban development. The research recommends the necessity of publishing and teaching the indicators of prosperity to architects. Also, planners at the university level as well as in the professional field, as well as training workers in the relevant authorities, as well as setting up a system of qualitative indicators for comprehensive information on development issues.

### **Keywords:**

prosperity ،Sustainable Development ،Infrastructure ،Makkah