

Applying sustainability standards in the interior design of a center for developing the skills of gifted children in Aswan

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Abstract:

Due to modern cities' challenges, reusing buildings has become an effective method of achieving sustainable urban development. This research focuses on reusing administrative buildings with historical value as an essential part of urban and cultural development

As part of Egypt's 2030 Sustainable Development Plan, the government established the New Administrative Capital to alleviate congestion in Cairo. Government ministries, agencies, foreign embassies, and consulates, are scheduled to relocate there. This is expected to leave many administrative buildings vacant, necessitating the development of an innovative methodology and mechanism for exploiting them in a way that preserves their historical value while ensuring economic returns that contribute to their maintenance and sustainability. The research explores the importance of reusing these buildings from an environmental, economic, and cultural perspective, and its role in enhancing urban identity and revitalizing city centers by repurposing old buildings for new functions such as cultural centers, hotels, and mixed-use administrative spaces. The research also discusses the challenges facing reuse processes, including regulatory constraints, technical barriers, and financing, and proposes innovative policies and strategies to address them.

By analyzing local and international experiences in the reuse of administrative buildings, the research offers recommendations for promoting sustainable urban policies that balance preservation with the revitalization of buildings in ways that meet modern needs. It aims to provide a practical framework that can be applied to future reuse projects, focusing on design, economic, and social aspects to ensure the success of these projects and maximize their benefits.

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