

CATALYTIC QUALIFICATIONS FOR URBAN REDEVELOPMENT- MOBILITY HUBS AS URBAN REGENERATION ANCHORS

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ABSTRACT

The continuous growth of motorized vehicles and air pollution caused by them, are among the major reasons in which strategies related to transportation and land uses are being implemented enhancing the built environment. This paper introduces approach leading catalytic effects for urban redevelopment through introducing Mobility hubs. According to academic arguments regarding the relation between urban form, built environment and travel patterns, the more urban development around transit stations referred to as transit oriented development (TOD) is compact, the more it contributes to sustainable metropolitan system. Mobility hubs are types of TOD projects, which strive to create opportunities for development. The current research examines the possible role of mobility hubs as anchors in urban regeneration strategies aiming to formulate a model that evaluates hubs' effects on surrounding contexts' regeneration. This research is divided into two parts; the first examines the concept of mobility hubs as catalysts to existing urban areas' regeneration, the dimensions and elements responsible for the hubs' success as catalytic projects, the second investigates case study for transit station and its context, in Alexandria city, Egypt. The analysis of this case will be through designed model assessing the catalytic effect of the hub on its immediate contexts of value.

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KEYWORDS: Mobility hubs, urban catalyst, transit oriented development.

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