Redesigning Smart Cities: Case Study of Milton Keynes

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Redesigning Smart Cities: Case Study of Milton Keynes

Authors: Faten Hatem

Abstract: The research explores the significance of more value-based rationality and more reflexive practice for the construction of smart cities, rethinking how human experiences are approached to improve it to be more balanced and engaging rather than merely focused on the pleasure of the eye. This transition establishes a sense of place in the city that is proven necessary to enhance people’s attitude and overall wellbeing. As the vision of smart cities promotes them as more liveable cities while mainly focusing on achieving more efficient services, the main question this research project seeks to address is how to make a more engaging atmosphere in the smart cities space, where different urban areas give different ambience, taste, identity and personality. The research investigates how well informed, diverse, and supported smart city making is to accomplish a better experience, why, and how to improve. Therefore, it suggests examining the normative nature of smart cities and to make the process of its construction more considerate of the value of fulfilling various experiential needs of humans. The research engages through an abductive approach in dialogue with a variety of approaches and practices of smart cities construction that might differ in their ontological, epistemological, and theoretical approaches. The methodology analyses a case study through a combination of quantitative and qualitative methods. The methods analyse smart city standards, observations, and interviews with multi-disciplinary experts involved in the rolling out of smart urbanism. The study will use knowledge systems analysis as an organizing framework to recognize thinking patterns and factors that contribute to the results in terms of creating an engaging atmosphere in the smart city. The findings will be used to create practical guidelines that improve the ability of smart cities to produce more engaging experiences, which is also the development of a process of how (and with whom) they are conceived, designed and implemented, that will help redefine progress in city development from merely enhancing basic functions to improving the human experience.

Keywords: smart design, smart cities, sustainability, smart cities construction

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