

Forward-thinking process in smart city planning: Combining open data and forecasting technology into participatory planning processes

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Abstract

In the era of rapid urbanisation one of the foci of city planning is shifting towards the development of technology-embedded urban environments. It is clear that the best planning practices confront new challenges. Despite these obstacles, ensuring democratic decision making and connecting all the relevant stakeholders into smart city planning processes that involve and impact their future lives is essential. A participatory design approach has been utilised as one possible approach to ensure a democratic decision making process in urban development. This paper suggests that participatory smart city planning would benefit from forecasting technology combined with open real-time data on housing, traffic and environmental changes to face the new demands of planning processes and to support democratic decision making.

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