SUSTAINABLE MOBILITY: THE CASE OF COPENHAGEN

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ABSTRACT

Climate change is a significant global challenge, and the transport sector is a major source of greenhouse gas emissions. In response, sustainable mobility has become a central strategy for mitigating environmental impacts and improving urban quality of life. This study investigates Copenhagen as a prominent example of cycling-oriented urban mobility. The research utilises the Copenhagenize Masterclass methodology, which is organised around three principal dimensions: space, culture, and ambition. Data were collected through field observations and empirical measurements during the Masterclass in Copenhagen (June 2024), including cyclist counts, behavioural patterns, and infrastructure assessments. The findings demonstrate that elevated cycling rates result from integrated, long-term planning that combines safe and efficient infrastructure, a robust cycling culture, and sustained political commitment. These factors collectively facilitate the widespread adoption of cycling in daily urban mobility. The study concludes that a holistic, data-driven approach supports an effective transition to sustainable mobility and offers a transferable model for other cities.

Keywords: climathe change, greenhouse gas emissions, sustainable mobility, Copenhagen