



Economic Evaluation of the Impacts of Metro North Investment and Consequential Forms of Urban Development within the Greater Dublin Area

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The study is aimed at evaluating the sustainability of transportation and land-use relationship by using the methods of economic appraisal mainly based on Cost-Benefit Analysis (CBA) approach. The new public transport provision of Dublin's Metro North is evaluated considering its impacts on future land development patterns in Greater Dublin Area (GDA). The appraisal of land-use-transport relationships will be carried out incorporating the use of economic indicators and will be evaluated on two different land development scenarios. As the analysis is performed for areas likely to experience future urban development, the study will provide a base for the future policy and planning decisions concerning the GDA.

KEY WORDS: Urban transportation-land use relationship; metro north investment; Greater Dublin Area; cost-benefit analysis; scenario analysis.