A MIXED-USE AND WALKABLE BOGOTÁ:
A Transit-Oriented Strategy for the city’s First Fixed-Rail Public Transit Corridor

Capstone Thesis Paper
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Abstract

This project explores the creation of a framework to improve land use near metro stations in Bogotá, Colombia. It creates a plan with recommendations that will improve the quality of life for all in Bogotá.
Research Questions

1. What are the global best practices of land use policy reforms in conjunction with major transit investments in Latin America and other regions?

2. What are present-day barriers to implementing comprehensive transit policies in Bogotá?

3. What iterative steps are necessary to create a comprehensive TOD strategy in Bogotá?
TOD refers to projects near transit stops which incorporate the following smart-growth principles: reduce automobile dependence; encourage high shares of pedestrian and bicycle access trips to transit; help to foster safe station environments; enhance physical connections to transit stations from surrounding areas; and provide a vibrant mix of land-use activities.

The main objectives of TOD are increasing ridership and revenue income, community development, and smart-growth.
Transportation and Mobility in Bogotá

Bogotá is paying the price of not addressing its mobility issues. This means that the city could have done certain interventions in the past that would have changed the face of the city today, but by lack of political will, high economic costs, or not needing certain things at that moment, it has to do them now with higher political, social, and economic costs than before.
Bull’s Eye

Bogotá can use the bull’s eye concept for creating a successful TOD in metro stations.

Arlington has created affordable housing for the region.

Different stations serve different purposes.
MTR Rail + Property

Transit value capture

Walkability, punctuality, efficiency, accessibility

TOD

R+T Development Program
Medellín Urban Transformation

Urban transformation to tackle social problems

Best public transit in the country

History of Metro and causes for building the system

Civic Culture
Gentrification and Displacement

Inclusionary zoning

One-on-one replacement

Programs for home ownership

Programs for rural residents
Recommendations and Conclusions

Build TOD

TransMilenio

PPP, land value capture, transit value capture, and make private companies and developers chip in

Reduce amount of land use for human activities

Reduce inequality and improve opportunities
THANK YOU!

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