



What's So Good About EcoMobility? *Understanding Co-Benefits*



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Valuing Multi-Modalism

An efficient and equitable transport system is diverse so users to choose the best mode for each trip:

- Walking and cycling for local errands
- High quality public transit when travelling on busy corridors
- Automobile travel when it is truly most efficient, considering all impacts

Current planning does a poor job of valuing this diversity.

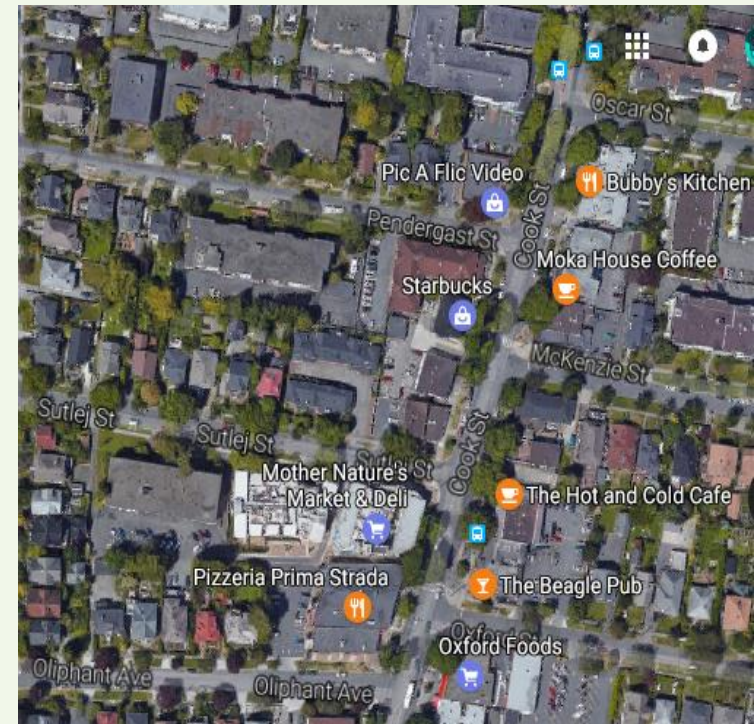


“A developed country is not where the poor drive cars, it is where the rich use public transportation”

- Enrique Peñalosa, Bogota Mayor

Recipe for Multi-modalism

- Excellent walking and cycling conditions.
- Compact and mixed development so most homes are within an easy 10-minute walk of commonly used services (transit, shops, schools, parks, etc.).
- Complete and connected streets.
- Good public transit, taxi and ridehailing services
- Nice transit stations
- Carsharing (vehicle rental services) and bikesharing
- Delivery services



A Fair Share for Everyone

Drivers: 40-80% of residents

"I want my infrastructure dollars spent on more roads and parking facilities, and on better alternatives to reduce my traffic problems and chauffeuring burdens."



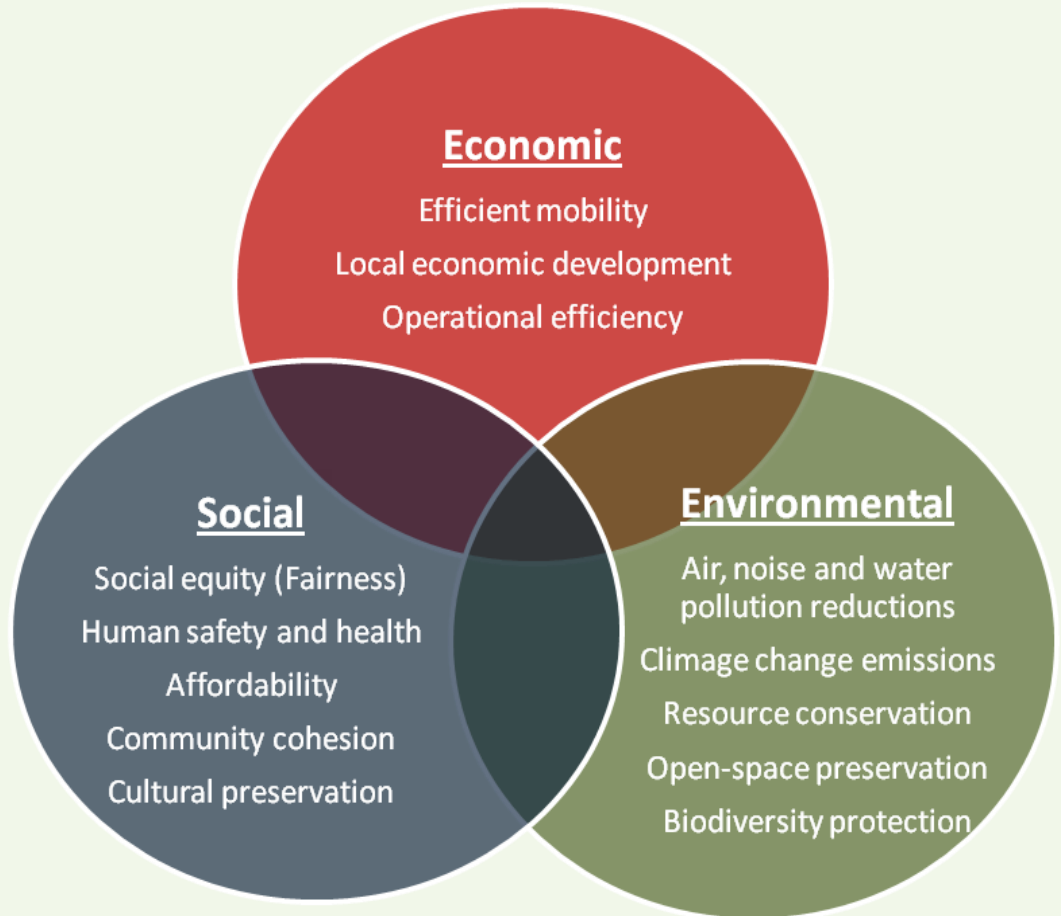
Non-Drivers: 20-60% of residents

"I want my infrastructure dollars spent on better walking, cycling and public transit, and policies that support transit-oriented development."



Sustainable Planning

Sustainability emphasizes the integrated nature of human activities and therefore the need to coordinate planning among different sectors, jurisdictions and groups.



Sustainable Transportation?

Is a transport system sustainable if all vehicles are electric powered?



Electric Power Does Not:

- Reduce traffic congestion
- Reduce accidents
- Reduce roadway costs
- Reduce parking facility costs
- Reduce vehicle purchase costs
- Improve mobility for non-drivers
- Improve social equity
- Improve public fitness and health
- Reduce sprawl
- Protect threatened habitat



Win-Win Transport Solutions

Planning Objectives	Expand Roadways	Efficient and Alt. Fuel Vehicles	Shifts to Efficient Modes
Reduce traffic congestion	✓		✓
Roadway cost savings			✓
Parking cost savings			✓
Consumer cost savings			✓
Improve mobility options			✓
Improve traffic safety			✓
Energy conservation		✓	✓
Pollution reduction		✓	✓
Land use objectives			✓
Public fitness & health			✓

Potential Advocacy Partners

Benefit	Potential Partners
Traffic congestion reduction	Transportation agencies, motorists
Parking congestion reductions	Local transport agencies, motorists, developers, businesses and economic development associations
Improved public safety and health	Transportation agencies, public health agencies and advocacy organizations
Basic mobility for non-drivers and increased affordability	Social service organizations, advocacy groups for seniors, low-income and people with disabilities
Local economic development and increased real estate values	Business and economic development organizations, developers and real estate industries
Energy conservation and emission reductions	Environmental and economic development organizations
Improved service	Current and potential efficient mode users



“Analysis of Public Policies That Unintentionally Encourage and Subsidize Urban Sprawl”

“Toward More Comprehensive and Multimodal Evaluation”

“Evaluating Public Transit Benefits and Costs”

“Healthy Community Transportation Planning”

“Evaluating Public Transit Criticism”

“Evaluating Smart Growth Benefits”

“Online TDM Encyclopedia”

“Selling Smart Growth”

and more...

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