

Cristian Navas Duk

8 Speridakis Terrace, Cambridge, MA, 02139

(857) 265-9931

cnavasd@mit.edu

Areas of Specialty	<ul style="list-style-type: none">• Non-motorized Transport policy and planning• Public Transport policy and planning• Transport and land use planning• Urban Transportation modeling• Transport emissions modeling• Transport Demand management• Traffic Safety
---------------------------	--

Education	<p>Special Program for Urban and Regional Studies (SPURS), Hubert Humphrey Fellow 2013 -2014 <i>August, 2013 - Present</i> <i>Massachusetts institute of technologies (MIT)</i></p> <p>Civil Engineer with a mayor in Transport <i>March, 1998 - Dec, 2004</i> <i>Universidad de Chile, Santiago de Chile</i></p>
------------------	---

Experience	<p>Ministry of Transport and Telecommunications, Santiago, Chile <i>Sept 2007 – Jan 2013</i></p> <p>Founder of the Sustainable Transport Unit for the development of Sustainable Transport in Chile.</p> <p>3.5 millions dollars executed in more than 15 projects and studies related to Non motorized transport, public transport, transport policy, planning and research. (2007 – 2013)</p> <p><i>Sustainable transport and urban development unit (Jan, 2011 – Jan 2013)</i> <i>Project manager</i> (ref: Marcial Echenique me15@cam.ac.uk)</p> <ul style="list-style-type: none">• USD\$ 1.5 million on feasibility transport projects.• Head of the development of a comprehensive land use and transport planning process for Antofagasta city (300.000 inhabitants).• Advisor for the promotion of non-motorized transport <p><i>Head of Sustainable Transport Unit (Dec, 2009 – Jan 2011)</i> (ref: Álvaro Henríquez ahenriquez@pro5.cl)</p> <ul style="list-style-type: none">• USD\$ 1.2 million on research and feasibility transport studies and projects.• Consolidate all the sustainable transport research and projects of the Ministry of Transport and Telecommunications.• National head of the development and promotion of non-motorized transport.• Project manager pilot program “Ride your bike to School”• Conference host and program manager of two international seminars in Sustainable Transport field. <p><i>Development and Research Division (Sept, 2007 – Dec 2009)</i> <i>Project manager</i></p> <ul style="list-style-type: none">• USD\$ 800 thousands on research and transport studies and projects.• Advisor on public transport, non-motorized transport, and demand management.
-------------------	---

Skills	<ul style="list-style-type: none">• Project evaluation: Social and private project evaluation and analysis• Transport modeling: i) Strategic models: CUBE, ESTRAUS. ii) Meso models: Saturn, Trips iii) Microscopic simulation: Aimsun, Paramics• Traffic safety• Emissions analysis and simulation
---------------	--
