

***Transportation  
Options***

# ***Ecology Action Centre***



BE  
TWEEN THE  
**issues**

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BETWEEN THE COVERS:

useful signs and

urban agriculture

» see page



***Nova***

***Scotia***

***Transportation  
Backgrounder***

# Modal splits

<b>Mode</b>	<b>Nova Scotia</b>	<b>New Glasgow</b>
<b>Drive</b>	75%	82%
<b>Passenge</b>	10%	10%
<b>Transit</b>	8%	0.3%
<b>Walk</b>	8%	5.8%
<b>Cycle</b>	1%	0.2%

# ***NS Infrastructure Funding***



*~ \$300 million roads and bridges*

*~ \$600 thousand transit*

*Commitment to 500km of trail*

*No dedicated bicycling or active  
transportation fund*




# ***Imbalance in funding***

*NS does not have a designated budget for bicycling, active transportation or transit infrastructure*

*~ 30% of NS residents do not drive*

*~ 14% of NS labour force walk, bike, or take the bus to work*

***What is going  
on?***

A row of three circles in the background. The first is a light green outline, the second is a solid light green circle, and the third is a solid light green circle.

***In other provinces?***

A row of three circles in the background. The first is a solid light green circle, the second is a solid light green circle, and the third is a light green outline.

# *Active Transportation*





# ***Provincial Funding***

*Provincial AT investment per capita*

*\$0.46 - \$2.30 (BC)*

*\$1.15 (PQ)*

*Potential AT investment*

*\$1.30 x NS pop. = \$1.2 million*



# Quebec

*\$88 million between 1996 and 2006*

*1 central and 16 regional bicycle coordinators*

*6750km of bikeways connecting 72 counties and 319 municipalities*

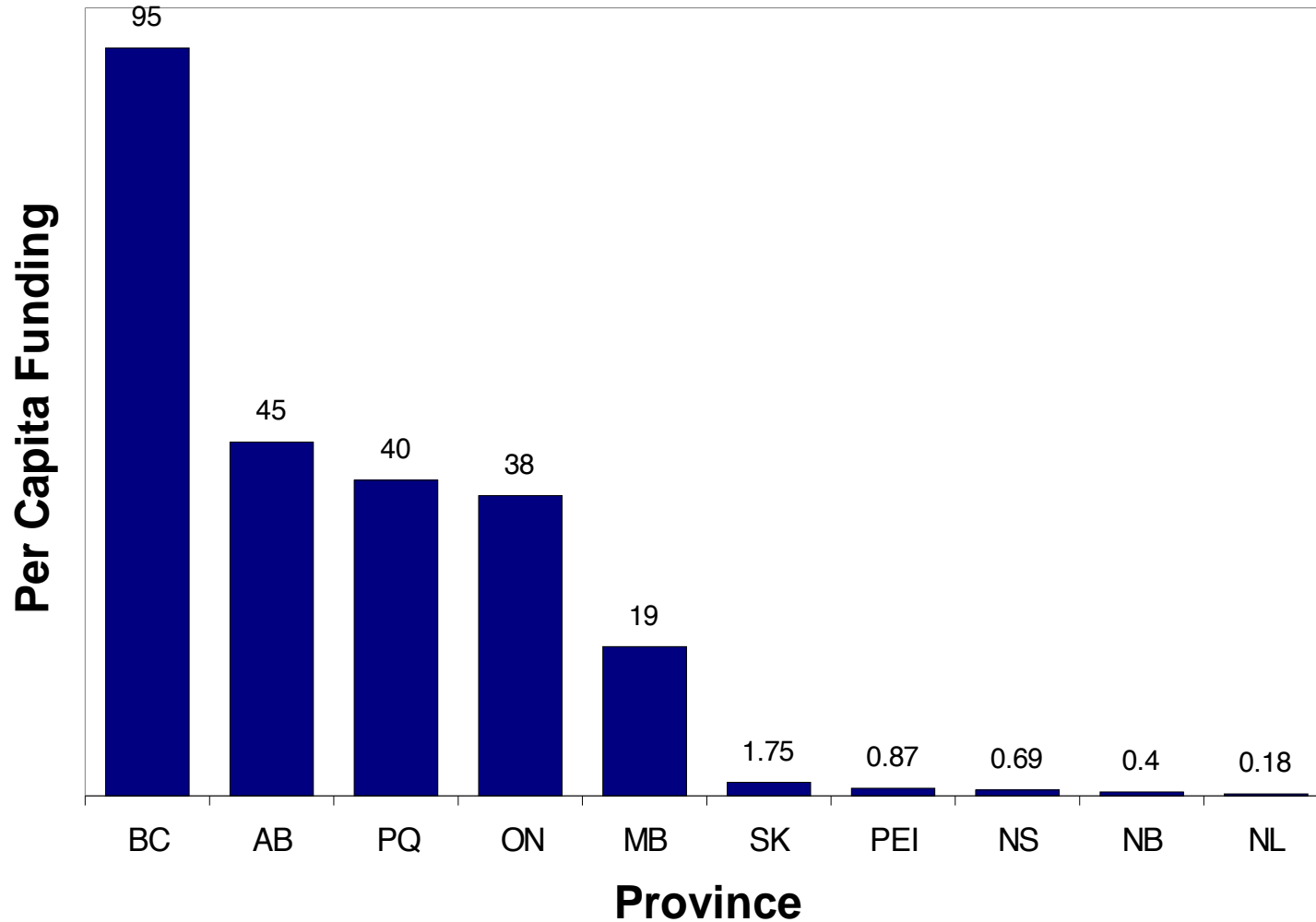
*108% return on investment; 2000 jobs supported*

*330 million km by bicycle; | 76 000 tonnes*

# *Transit*



# *Provincial Transit Funding*



# *Provincial Transit Funding*

<i>Description</i>	<i>Per Capita Funding</i>	<i>Total</i>
<i>NS Current Funding</i>	<i>\$0.69</i>	<i>\$645 thousand</i>
<i>MB Current Funding</i>	<i>\$19.00</i>	<i>\$17.8 million</i>
<i>Average NB, MB, SK</i>	<i>\$7.20</i>	<i>\$6.8 million</i>



# ***Manitoba***

*\$19.00 per capita; \$22 million per year*

*Modal share for transit is 9%; 3<sup>rd</sup> in  
Canada*

*Province recently committed to restoring  
50:50 funding*

***Nova***

***Scotia***

***Can do better!***

# Goal

*Institutionalize provincial commitment to bicycling, active transportation and transit*



# Long Term Funding

<b><i>Mode</i></b>	<b><i>Ave. Per Capita</i></b>	<b><i>Total (millions)</i></b>
<i>Transit</i>	<i>\$7.20</i>	<i>\$6.8</i>
<i>AT</i>	<i>\$1.30</i>	<i>\$1.2</i>
<b><i>Total</i></b>	<b><i>\$8.47</i></b>	<b><i>\$8.0</i></b>

# ***Petition – 10% of provincial gas tax***

*10% of 256 million is ~ \$25 million*

*\$25 million*

*25 kilometers of new highway*

*830km paved trail*

*2500km of crusher dust trail*

*3000 signatures*

*Present to legislature fall 2007*

# ***Pictou County***



# East River Corridor

<b>Length</b>	43km
<b>Significance</b>	<i>This trail forms the spine of the regional system from which local trails shall branch</i>
<b>Commuter Links</b>	<i>e.g. Town Centres, NSCC, Trenton Steel Plant</i>
<b>Community Links</b>	<i>e.g. Acadia Park, NSCC, sports fields, Miners' Monument Park</i>
<b>Benefits</b>	<i>Accessibility, tourism, four season</i>



# ***East River Corridor***

*2004 Pictou County Planning Commission Study*

*Westville, Stellarton, New Glasgow and Trenton*

*20,918 people affected*

*~ \$430 thousand (e.g. crusher dust) or*

*~ \$1.3 million (e.g. paved)*

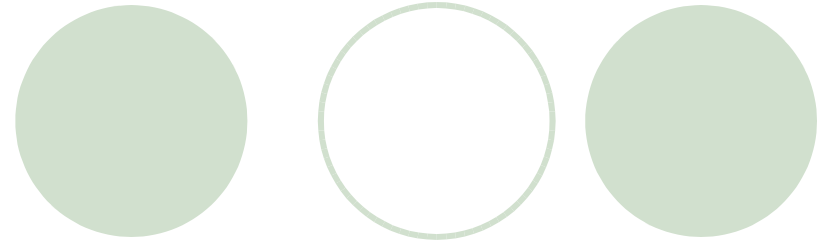
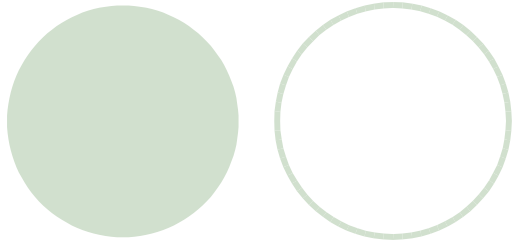
# ***Funding Sources***



*Per capita annual grant (e.g.  
8.47/ capita)*

*Portion of gas tax (e.g. \$0.03/ L)*

*Licensing fees (e.g. \$10.00/ license)*



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**TRAX**

# *Physical inactivity*



*The average Canadian child is sedentary for three to five hours every day.*

*(Nova Scotia Health Promotion and Protection, 2006)*

*Only 25 percent of Nova Scotian students aged 5–17 years walk or bike to school every day.*

*(Nova Scotia Health Promotion and Protection, 2006)*

# Children and youth achieving recommended physical activity

<b>Grade</b>	<b>Males</b>	<b>Females</b>
<b>3</b>	<b>90%</b>	<b>92.3%</b>
<b>7</b>	<b>62%</b>	<b>44%</b>
<b>11</b>	<b>12.6%</b>	<b>6.9%</b>

(Campagna, P. et al., 2002)

# *Unhealthy weights*

*32 per cent of Nova Scotians aged 2- 17 are overweight or obese, compared to 26 percent of Canadians of the same age. (Statistics Canada, 2004)*

***6. 8 % of provincial health budget –***  
*Unhealthy weights cost the Nova Scotia health care system at least \$120 million a year or 6.8% of the provincial health care budget (Heart and Stroke Foundation, 2004)*

# *% air pollutants from transportation*

CO	78%
NOx	50%
VOC's	34%
SOx	1.5%
PM	8%

*Environment Canada, 2002*

# Respiratory effects

*Nova Scotia has the highest rate of asthma in Canada: 50.000 children and 80.000 adults (NSLung Association)*

*Early exposure to pollution increases likelihood child will have asthma.*

*In 1978: 2.5% of kids had asthma (Statistics Canada, 1998)*

*In 2003: between 10% and 20% (Institute of Infection and Immunity, 2003)*

*1996 Atlanta Olympic Games study showed 28% decrease in ground ozone and 42% reduction in asthma emergency visits (American Medical Association, 2001)*

