

**Canadian Institute of Planners**  
**CLIMATE CHANGE + COMMUNITIES:**  
**A CALL TO ACTION**  
**October 2 – 5, 2010 Montréal, Canada**

**Local Government Responses to Climate Change:**  
**British Columbia**

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# OVERVIEW

- Why local governments?
- B.C. climate change initiatives
- Green building code
- Community emissions inventories
- Bill 27
- What's left out

# WHY LOCAL GOVERNMENTS?

- Subsidiarity
- Leverage
  - Land use planning
  - Building regulation
  - Urban forests
  - District heating

# B.C. CLIMATE CHANGE PROGRAMS

- Western Climate Initiative
- Fuels tax
- GHG reduction targets
- Cap and trade
- Green building code
- Community GHG emissions inventories
- Bill 27, 2008

# GREEN BUILDING CODE

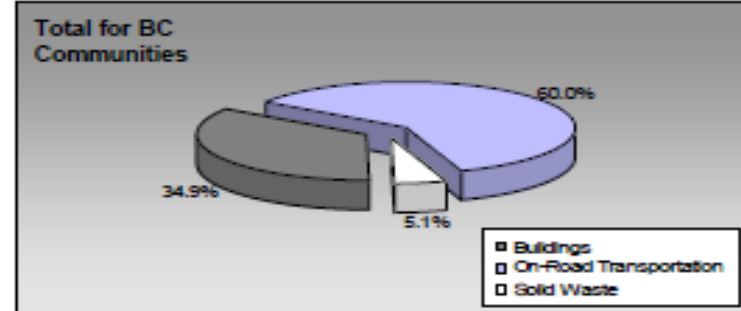
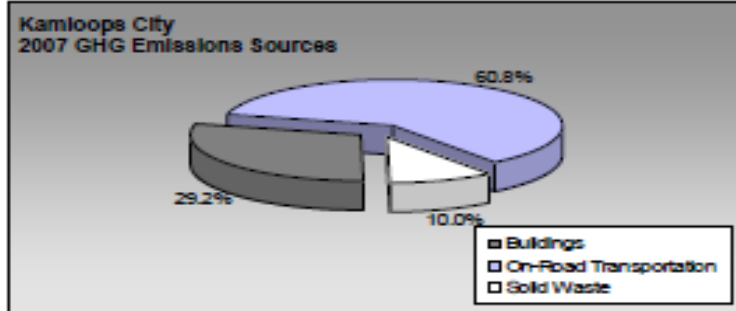
- Solar hot water ready homes
- Energy efficiency
- Limits on local authority

# COMMUNITY GHG INVENTORIES

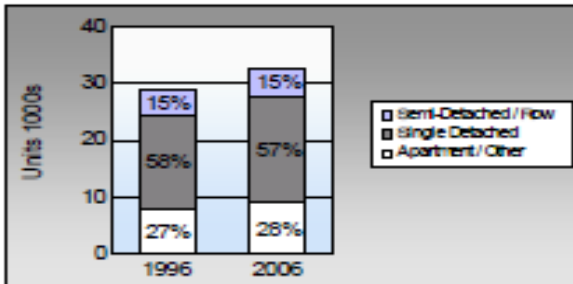
- On-road transportation 60%
- Building heating and cooling 35%
- Solid waste management 5%

*BC's Community Energy and Emission Inventories...supporting efforts towards Complete, Compact, Energy-Efficient Communities*

### Where are the majority of our community's emissions coming from?








### Are we living more compactly? Housing Type



In BC, single family detached housing made up 49% of housing in 2006.

### Are we driving less? Commute To Work

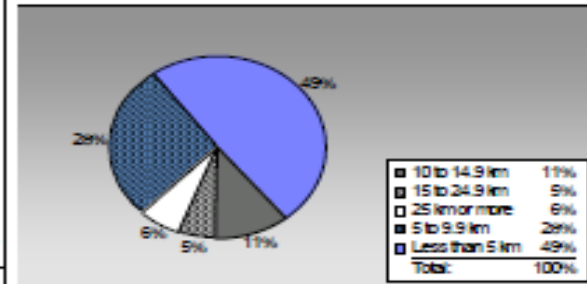
	1998	2008
	81.2%	79.5%
	7.9%	8.3%
	2.9%	4.3%
	5.5%	5.3%
	1.4%	1.3%

In BC, 10% of people took transit, 7% walked, and 2% cycled to work in 2006.

### Residential Density

Kamloops City: 6.3 people per net ha  
BC municipal average: 7.4 people per net ha

### Are we living closer to where we work? Commute Distance



In BC, 41% of people lived within 5km of their work in 2006.

*For more information and to provide feedback on your Community Energy and Emissions Inventory (CEEI) Report see back page.*

# BILL 27, 2008

- Development charge waivers
- Alternatives to parking
- Development permits
  - Landscaping
  - Building siting
  - Building form and design
  - Machinery and equipment
  - Specific features

# WHAT'S LEFT OUT?

- Integrated land use and transportation planning
- Building retrofit

B.C. Climate Action Secretariat

[www.env.gov.bc.ca/cas](http://www.env.gov.bc.ca/cas)

B.C. Climate Action Toolkit (NGO)

[www.toolkit.bc.ca](http://www.toolkit.bc.ca)