



ENERGY  
SOLUTIONS  
ALBERTA



**Climate Change Central**

# Reducing Your Operating Costs: Programs & Funding Initiatives for Landlords

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# Positive Impact of High Energy \$

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- Focus on energy efficiency & conservation
- Development of renewable & alternative energy sources
  - Wind, solar, biomass, fuel cells
  - District energy systems
- Increased energy R&D
  - Development of frontier hydrocarbons
  - Clean coal technology



# Climate Change Central

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- Incorporated in early 2000
- A not-for-profit public-private partnership
- Multi-stakeholder board
- Core staff of 18
- Offices in Calgary and Edmonton



# C3's Role & Focus

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- Providing Leadership
  - Energy efficiency & conservation
- Providing Strategic Intelligence
  - Emission offset development
  - Technology & market innovation
- Providing Outreach
  - Climate change impacts & adaptation



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# Taking Action - Programs



- ME first!
  - Municipal Energy efficiency assistance
- National Fleet Challenge
  - Improve fleet efficiency
- Alberta Plus
  - CBIP Alberta incentive



# Taking Action - Consumer

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- Alberta Furnace Replacement Program
  - 4,000 furnaces replaced in under 3 months
  - Cut heating costs by \$1.5 million a year
- Car Heaven
- Mow Down Pollution
- One-Tonne Challenge





# Taking Action - MURB's

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- Exit to \$avings
  - Incandescent to LED signs (1 year payback)
  - Program 'sold-out' in 6 weeks
  - Over 6,800 signs replaced
  - Annual energy savings over 2,000 MWh/year
  - Approx. 150 Alberta applicants, largest concentration in Calgary





# Energy Innovators Initiative (EII)

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- Natural Resources Canada
  - Office of Energy Efficiency
- Objectives:
  - Reduce energy consumption
  - Reduce operating costs
  - Improve productivity
  - Reduce GHG emissions
- <http://oee.nrcan.gc.ca/eii/home.cfm>





# Pre-Qualifying Criteria

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- Become an Energy Innovator
- Own, manage or occupy buildings in Canada
- Operate in commercial (+MURB's), institutional or municipal / provincial / territorial government buildings
- Must be a new project - no work has been started or contracted





# MURB's Qualify

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- Eligible for ERA (P) and ERA (3) incentives if you join EII
- Note that to qualify your building must have a common entrance (that is at least four stories high, or have a footprint greater than 600 m<sup>2</sup>)





# Energy Retrofit Planning - ERA (P)

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- Objective:
  - Provide organizations with tools to overcome barriers associated with implementing an energy saving retrofit project
- Eligible services:
  - Project development
  - Audits
  - Feasibility studies / engineering audits
  - Energy management plans





# Energy Retrofit Planning - ERA (P)

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- Up to 50 percent of eligible costs for energy retrofit planning
- Maximum of \$25,000
- Incentive cannot exceed \$1 per GJ of energy consumed





# Energy Retrofit Assistance (ERA 3)

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- Objective:
  - Help organizations implement an energy saving retrofit project
- Eligible services:
  - Project development and management costs
  - Capital costs, including material and labour
  - Monitoring and tracking systems
  - Training on energy systems
  - Developing and implementing communications and awareness programs





# Energy Retrofit Assistance (ERA 3)

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- Up to \$7.50 per gigajoule (1 GJ = 277.8 e KWh) in an energy retrofit project
- Maximum of \$250,000 or 25 percent of eligible project costs





# EII Alberta Contact

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Zita Murphy-Brascoupé

(613) 996-5353

[Zibrasco@nrca.gc.ca](mailto:Zibrasco@nrca.gc.ca)

Download Electronic Forms

<http://www.oe.nrcan.gc.ca/eii/password>

Password = action





# Low Cost Options

- Lighting
- Thermostats
- Caulking & Weatherstrip
- Plumbing
- Appliances
- Behavioral Change



Money Isn't All You're Saving

I'M TAKING THE  
**One-Tonne**  
CHALLENGE

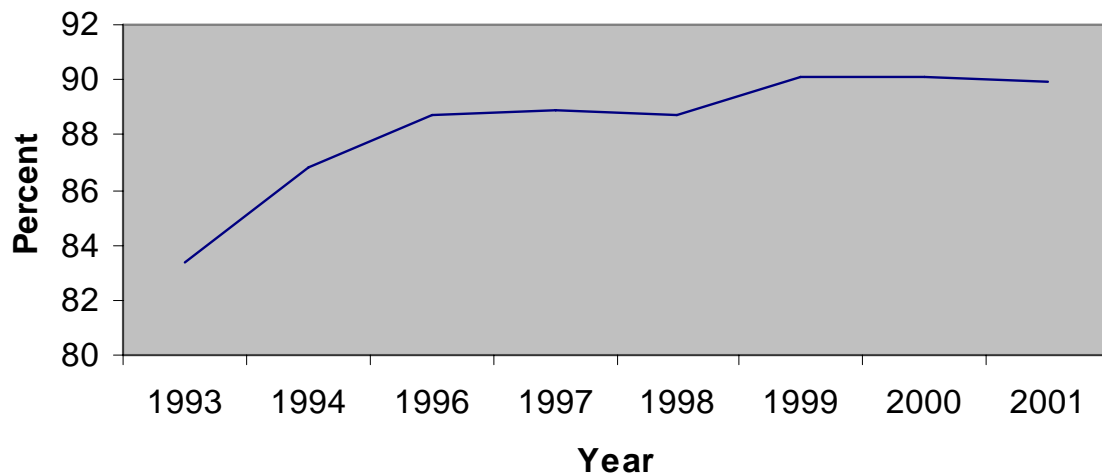
ARE YOU?



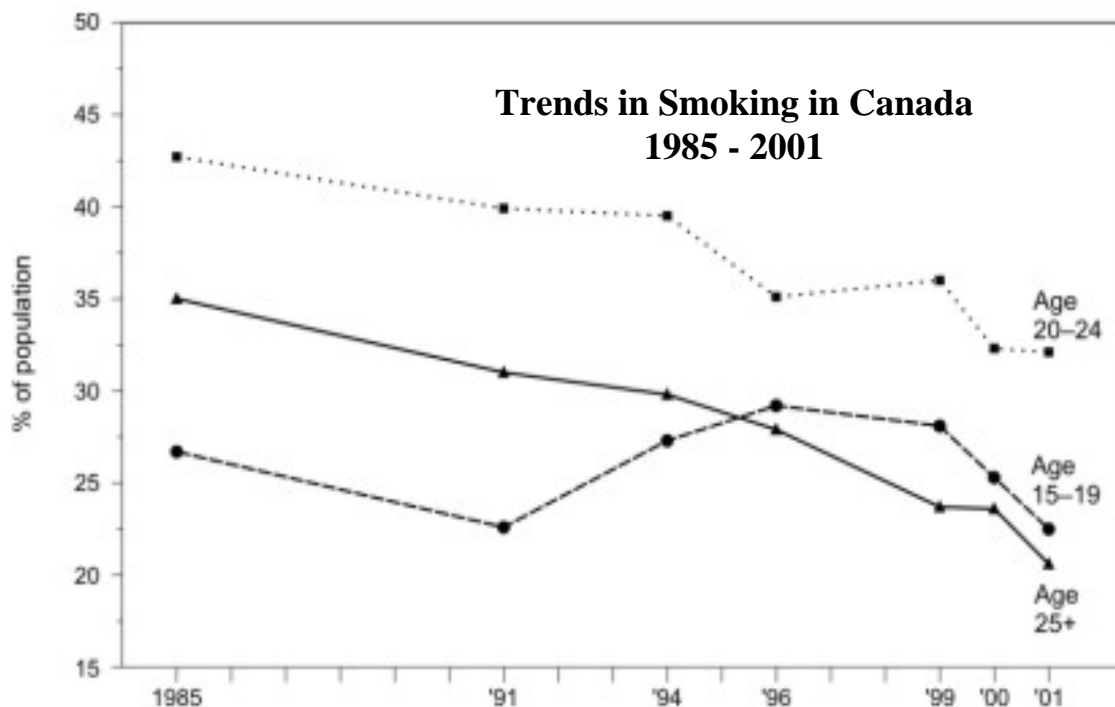


# Behavioral Change Works

## Occupants Wearing Seat Belts in Canada 1993 - 2001



## Trends in Smoking in Canada 1985 - 2001





# Future C3 Programs ?

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- Expansion of Exit to \$avings
- Introduction of T-12 to T-8/T-5 incentive program



# Upcoming Workshop

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## Energy Efficiency - Audit to Action

- Custom designed for multi-unit residential property managers & owners
- Qualifies for 3 credits from the Real Estate Council of Alberta (RECA)
- Learn How to:
  - Improve your building's energy efficiency
  - Access funding to achieve your goals



# Workshop Overview

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- Barriers and drivers to energy efficiency
- Restructured utility rates in Alberta
- Best energy efficient technologies
- Funding for energy efficient upgrades



# Test Your Knowledge

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- Energy Efficiency Quiz:
  - Assess how efficient your building is
  - Be prepared to tackle the job





## Details / Contact

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- Registration/Coffee: 8:30 - 9:00
- Workshop: 9:00 to 12:00 noon
- Thursday, June 02, 2005
- Blackfoot Inn, Calgary
- [www.climatechangecentral.com](http://www.climatechangecentral.com)
- Phone: 403.517.2700
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# Contact Information

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