



**BETTER
BUILDINGS
PARTNERSHIP**

Better Buildings Partnership



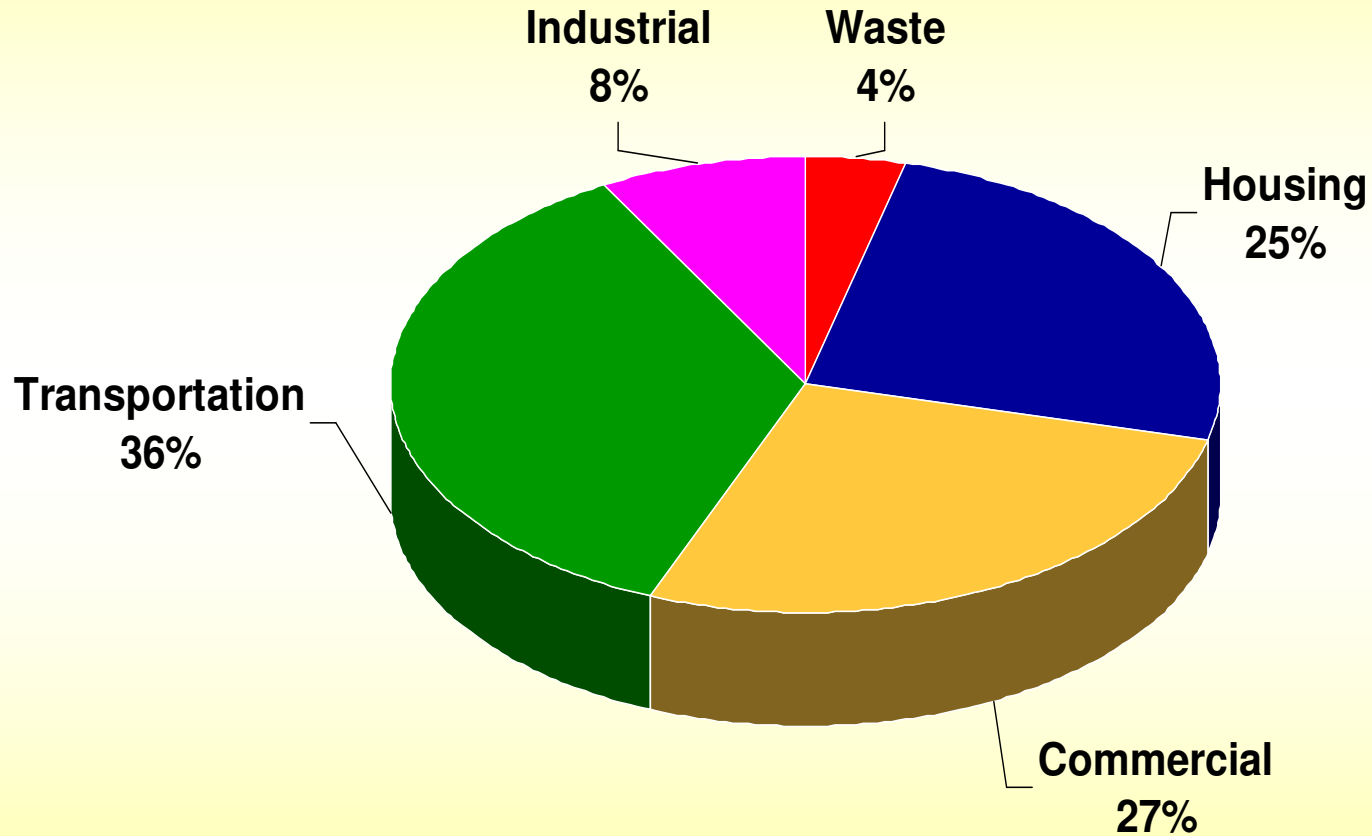
Dan Leckie Forum

November 28, 2007



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GHG Emissions by Sector



Toronto – 52% from Buildings



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What is the Better Buildings Partnership?

- Public/private initiative focused on building renewal and energy efficiency
- Environmental initiative that addresses and supports CO₂ emission reduction
- Major job creation and economic development initiative



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BBP Sponsors & Partners

- City of Toronto
- Toronto Atmospheric Fund
- Enbridge Gas Distribution
- Toronto Hydro Corporation
- Implementing Partners Property managers for over 650 buildings



Why BBP?

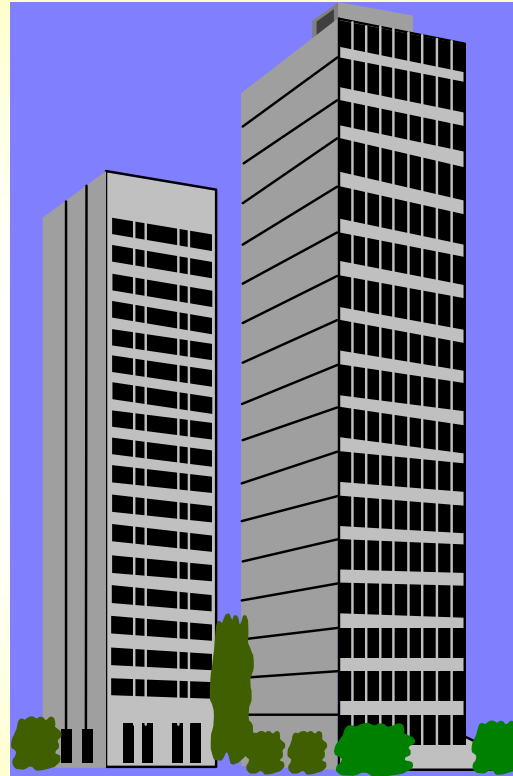
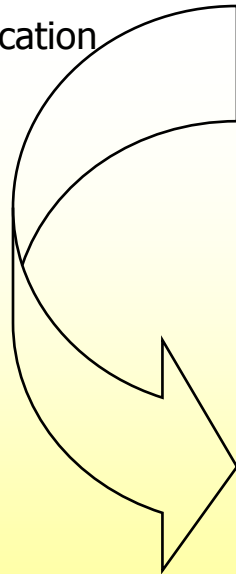
- Enhance and preserve asset value of buildings
- Reduce operating costs
- Improve position for purchasing power
- Improve occupant comfort and productivity
- Enhance tenant satisfaction and retention
- Demonstrate environmental stewardship
- *Energy Efficiency can be strategically integrated into the overall property management plan*



Building Renewal and Energy Efficiency

People

- Technical Assistance
- Education
- Outreach
- Incentives
- Recognition
- Training
- Communication

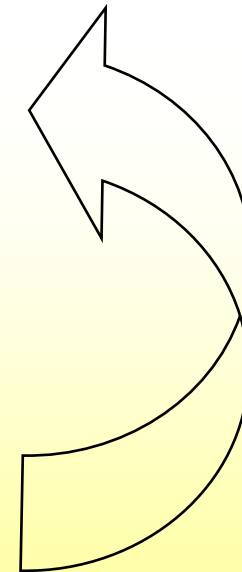


Structure (passive)

- Windows
- Doors
- Roofs
- Walls

Energized Systems

- Motors
- Pumps
- Lighting
- Boilers





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Better Buildings Partnership (BBP)

Results To Date (2006):

- No. of buildings 625
- Floor Area Retrofitted 45 million ft²
- Job Creation 4,800 person years
- Operating Cost Reduction \$19 M per year
- Economic Impact \$161 M per year
- CO₂ Emission Reduction 194,500 tonnes/yr



Existing Buildings

- Almost 5,500 Multi-residential buildings greater than 3 stories
- More than 2,000 with 12 stories and higher



New Construction Activity

- 17,000 new condo units in 2007 (CMHC)
- 100,500 residential units in the next 15 years
- Downtown 423,500 m² of office and 201,400 m² of industrial uses proposed
- 1,300,000 m² commercial and industrial space in the rest of the City



Incentives

- Water Conservation Incentives
Toronto Water
- Gas Conservation Incentives
Enbridge Gas Distribution
- Electricity Conservation Incentives
Better Buildings Partnership



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Ontario Power Authority Program

- Through the Energy Efficiency Office, the Ontario Power Authority will provide incentives to owners of existing buildings in:
 - the MASH Sector (including City Facilities) and high rise residential sectors;
 - New building owners in all sectors except low-rise residential;
 - “demand response” measures in City Facilities



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