



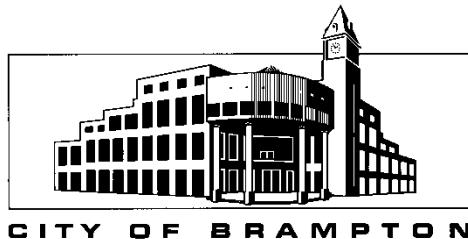
GTAA
Partners in
Project Green
A PEARSON ECO-BUSINESS ZONE



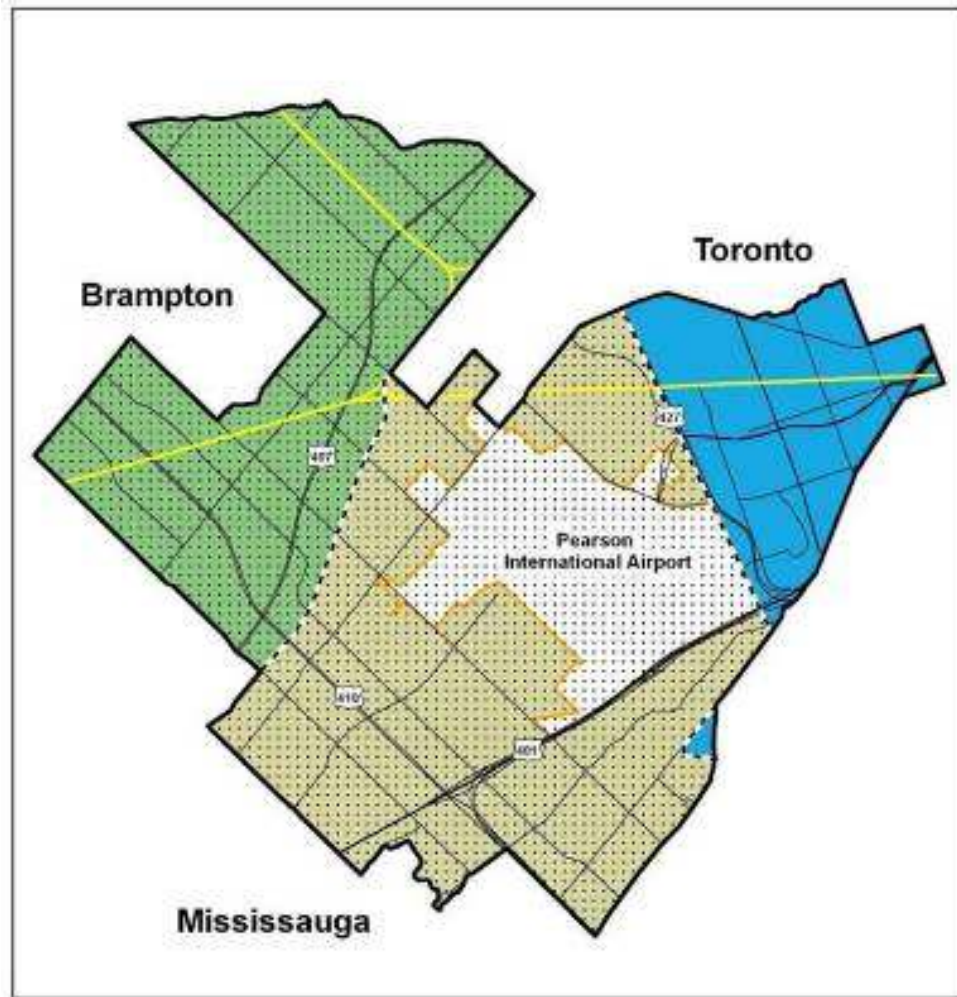
A Partnership between



GREATER TORONTO AIRPORTS AUTHORITY

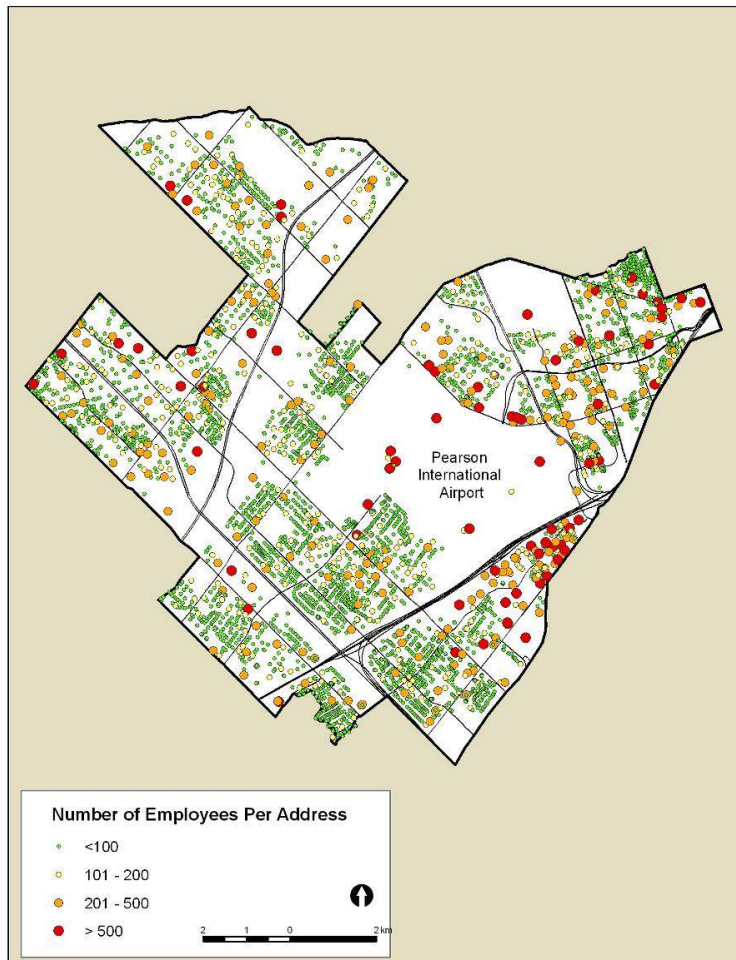


Partners in Project Green study area:



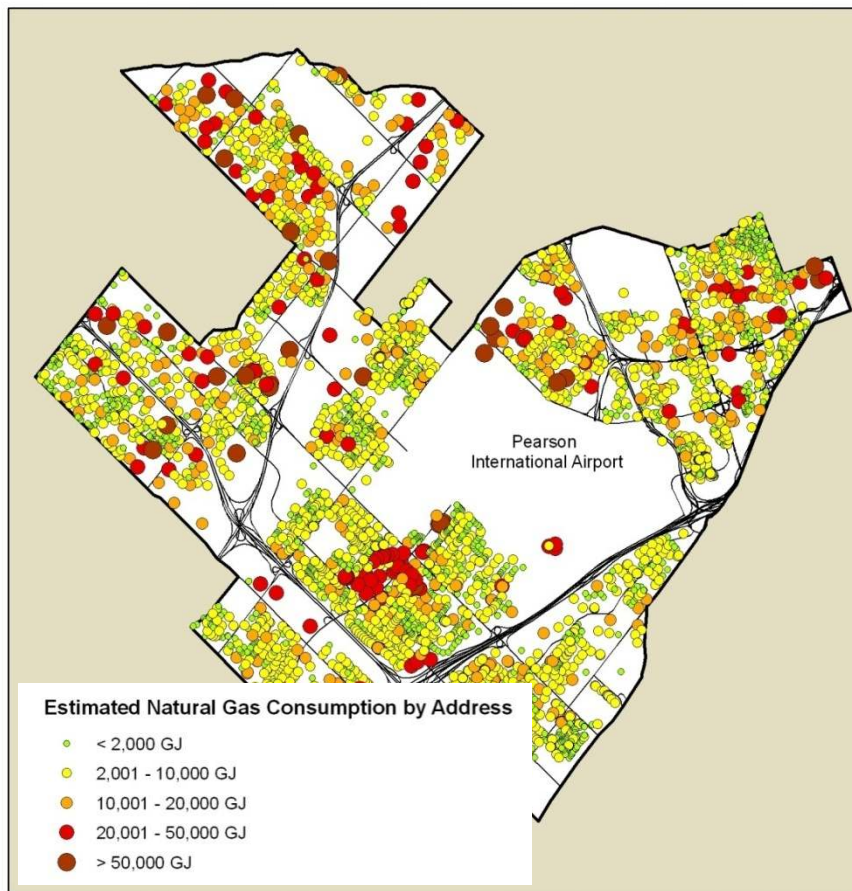
- 12,000+ hectares of industrial/commercial land surrounding Toronto Pearson
- North America's largest eco-business zone covering 4 municipalities

Business Activity in the Pearson Eco-Business Zone



- 12,000+ businesses
- 350,000+ employed in area (largest employment area in Canada)
- Key sectors:
 - Logistics/Warehousing
 - Automotive Supply Chain
 - Food Processing
 - Plastics
 - Airport Related

Energy Consumption



- 46,000,000 GJ of natural gas in 2007
- Estimated 5,800,000 MWh of electricity-use
- Total cost of energy consumption – \$563,000,000
- Two largest consumers:
 - Manufacturing
 - Logistics/warehousing

Water Consumption



- 108,500,000 m3 of water consumed in study area
- Largest consumption:
 - Logistics/Warehousing (35.9 million m3)
 - Food Processing (6.5 million m3)
 - Automotive (1.8 million m3)
- Keen interest in focus groups for water programming



Step 1 : FREE Walk-Through Assessment

Pre-Qualified Consultant completes free assessment to identify “low-hanging” fruit opportunities and bmps.



Step 2: Detailed Eco-Efficiency Assessment

Detailed Cost-Shared Assessment to dig deeper into opportunities and develop business case.



Step 3: Implementation Assistance

Assistance in coordinating financial assistance applications.

360 SUSTAINABLE ENERGY PLANNING PROGRAM

A mentorship in energy and environmental management



Step 1 : Evaluate

Site assessment and staff interviews to identify current conditions and opportunities.



Step 2: Plan

Interactive workshop to develop a comprehensive energy plan for your facility based on global best practices.



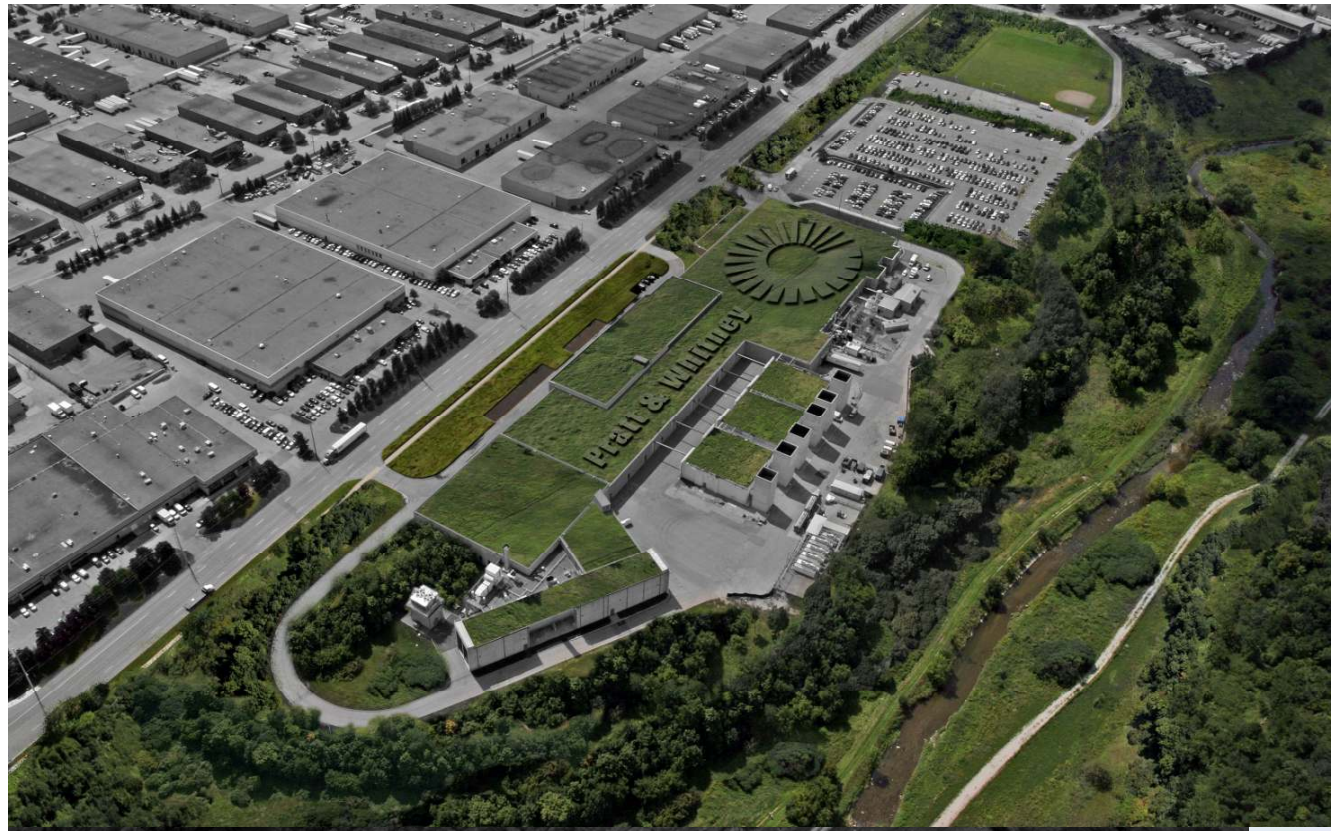
Step 3: Action & Support

Complete the energy plan with support from 360 Energy and gain buy-in from senior management.



GREEN PARKING LOT PROGRAM

Financial and environmental
benefits from enhanced
landscape management



Pearson Eco-Business Zone – Other current projects and opportunities ...



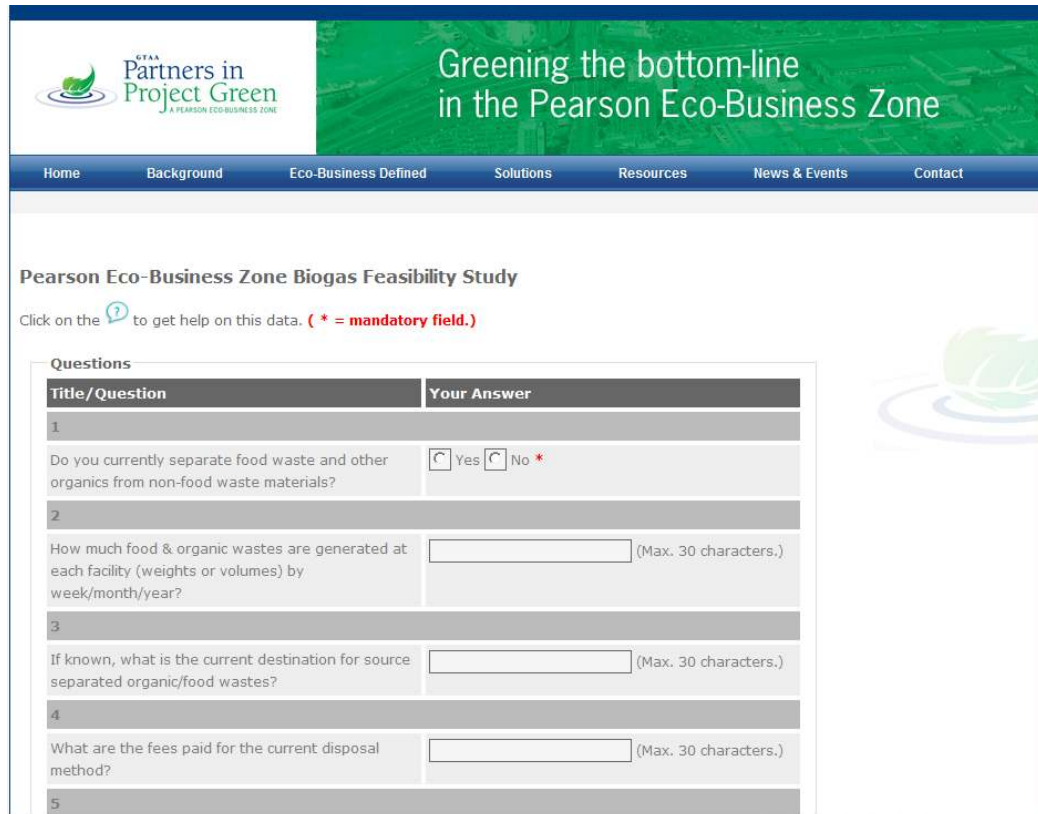
- **Green Purchasing Block** (joint procurement of green technologies)
- **Green Building Retrofit** (assistance on retrofitting multiple buildings)
- **Employment Land Planting** (team building tree planting)
- **Networking/Workshops** (education and networking sessions)
- **Website Tools** (financial assistance database, best practices, local stories, etc.)

Pearson Eco-Business Zone – Projects in development ...



- **Resource Re-Utilization Network** (facilitating waste exchange opportunities)
- **Airport District Energy System** (undertaking feasibility assessment of district energy opportunities)
- **Policy Harmonization** (reconciling eco-business land-use opportunities)
- **Green Job Development** (Green Job Corp. & Green Business Retention Strategy)

Food Resource Reutilization Survey



The screenshot shows the top of a web page for the "Partners in Project Green" initiative. The header includes the logo and the text "Greening the bottom-line in the Pearson Eco-Business Zone". A navigation menu contains links for Home, Background, Eco-Business Defined, Solutions, Resources, News & Events, and Contact. Below the menu is the title "Pearson Eco-Business Zone Biogas Feasibility Study" and a note: "Click on the ? to get help on this data. (* = mandatory field.)". The main content area is a survey form with a table of questions and answer fields.

Title/Question	Your Answer
1	
Do you currently separate food waste and other organics from non-food waste materials?	<input type="checkbox"/> Yes <input type="checkbox"/> No *
2	
How much food & organic wastes are generated at each facility (weights or volumes) by week/month/year?	<input type="text"/> (Max. 30 characters.)
3	
If known, what is the current destination for source separated organic/food wastes?	<input type="text"/> (Max. 30 characters.)
4	
What are the fees paid for the current disposal method?	<input type="text"/> (Max. 30 characters.)
5	

- Identify potential for biogas plants
- Characterize organic waste
- Develop business case
- Identify potential sites

www.partnersinprojectgreen.com/resources/online-resources/survey



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