



Residual Waste Study

Durham/York Energy-from-Waste

Background



Residual Waste Study

- Waste Management Strategy
- Region's Commitment
- Alternatives
- Environmental Assessment Terms of Reference
- Site Liaison Committee Terms of Reference



Residual Waste Study

Waste Management Strategy 1999

- To commit to divert residential waste from disposal - waste diversion of 50 per cent by 2007
- To secure an alternate source for the disposal of residential waste
- To implement an integrated residential waste management system for the collection, processing and disposal of:
 - Blue Box recyclables
 - Food and yard waste compostables
 - Residual garbage wastes
 - Special wastes
- To consider an EFW facility for the disposal of residual waste

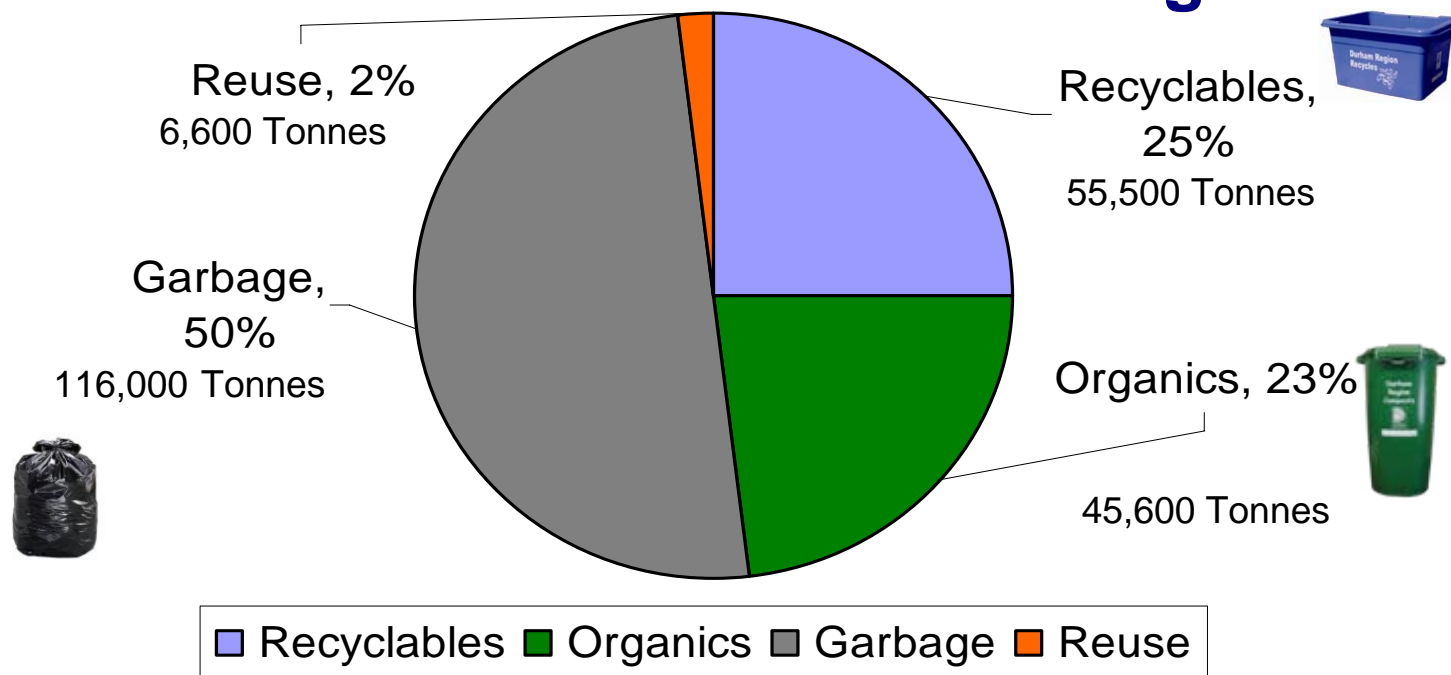


York Region

Waste Diversion

Residual Waste Study

Residential waste in Durham Region





Residual Waste Study

Waste Management Strategy

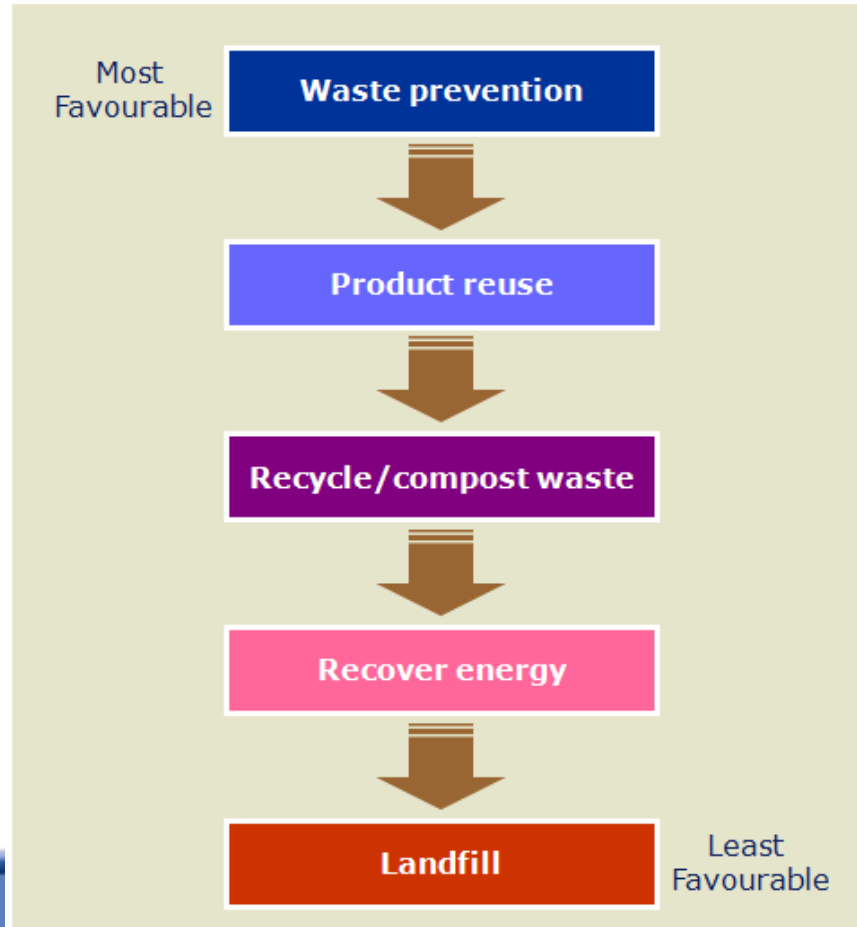
- In 2007, Durham achieved 50 per cent diversion through Blue Box, Green Bin, compost, and reuse programs
- New Material Recovery Facility opened in Jan '08 – newer technology will continue the expansion / optimization of Blue Box program





Waste Hierarchy

Residual Waste Study





Residual Waste Study

- 50 million tonnes of MSW is treated in 420 EFW
- EFW plants can supply seven million households with electricity and 13.4 million households with heat

Waste-to-energy plants in Europe

- Plants operating in 2005
- Thermally treated municipal solid waste in million tonnes/year



Source: CEWEP, <http://www.cewep.com/studies/climate-protection/art230,309.html>



Residual Waste Study

Durham/York Energy-from-Waste

Site Liaison Committee
Terms of Reference



Residual Waste Study

Environmental Assessment

- Public consultation is an integral component of the Environmental Assessment Act
- The energy-from-waste study's Terms of Reference, **Section 7**, approved by the Ministry of the Environment in May 2006, included mandates to form Public Liaison or Advisory Committees to focus public input on the EA process throughout the study if necessary



Residual Waste Study

Site Liaison Committee Purpose

- Based on the EA approved Terms of Reference, the Region initiated the formation of a Site Liaison Committee (SLC) to review and provide input on the site-specific studies being conducted on the preferred site



Residual Waste Study

EA

Site Liaison Committee

- On April 15, 2008, the Joint Waste Management Group (JWMSG), recommended that a Site Liaison Committee (SLC) be established for the Energy-from-Waste (EFW) project
- The Terms of Reference were subsequently approved on April 23, 2008, by Durham Region Works Committee and on May 7, 2008, by Durham Regional Council



Residual Waste Study

Site Liaison Committee Reporting

- The SLC will report to the JWMMG
- The Chair will present an annual report and any additional reports to the JWMMG, Regional and Clarington Councils
- The Chair will provide a presentation to the JWMMG and Clarington Council after each meeting of the SLC
- The SLC will elect a secretary/treasurer and vice-chair



Residual Waste Study

Site Liaison Committee Timeline

- The term of the SLC will continue through to the formal conclusion of the EA process, at which time it will be dissolved
- It is anticipated that the EA documentation will be submitted to the Ontario Ministry of the Environment by fall 2009, and the EA could be approved by the end of 2009



Residual Waste Study

Site Liaison Committee Activities

- Quarterly or more frequent meetings (open to the public)
- Review of site specific EA study reports in co-ordination with the ongoing EA project schedule
- Distribute information from the site-specific EA studies as requested by JWMMG



Residual Waste Study

Site Liaison Committee Activities

- Receive deputation from local residents
- Facilitate communications between local residents, stakeholders and the JWMSG
- Maintain membership
- Prepare, maintain and archive material



Residual Waste Study

Site Liaison Committee Meeting Format

- All decisions made will be based on a simple majority—the Chair will vote in case of a tie
- Five voting members for a quorum
- All SLC meetings will be open to the public



Residual Waste Study

Site Liaison Committee Schedule

- A minimum of four meetings are held annually (Schedule)
- Meetings to be held in the evening at Regional Headquarters
- Any changes to meeting dates must be published at least two weeks in advance



Residual Waste Study

QUESTIONS