

The Next 50%

Goal:

To significantly expand source reduction, reuse, recycling and composting and build on what is best and most successful in current waste management system by developing an implementation plan targeting products with the largest GHG reduction potential.

Targeted Materials and Associated Greenhouse Gas Reduction Potential

- Paper (2.7 MMTCO₂E potentially available)
- Organics (.8 MMTCO₂E potentially available from food waste alone)
- Metals (At least 1.3 MMTCO₂E potentially available)
- Construction and Demolition Waste (1 MMTCO₂E in carpet alone)
- Plastics (.1MMTCO₂E from plastic bottles alone)
- Contaminants (GHG potential not known, however, contaminants reduce the recyclability of the targeted materials above).

Objective:

Keep Materials within the Economy

Strategies

- Optimize and expand materials management systems
- Optimize the collection systems
- Comprehensive organics management

Objective:

Reduce Product Environmental Footprint and Close the Recycling Loop

Strategies

- Improve Environmental Performance of Products
- Adopt product stewardship framework legislation
- Establish strong government environmental procurement practices
- Collaborate with industry to influence the supply chain, particularly retail

Implementation Timeline

Propose for the 2009 session

- Optimize the Collection Systems
 - Includes collection system changes and C & D recycling plans
- Adopt Product Stewardship Framework
 - Carpet
 - Fluorescent lights (contaminant)
- Organics Management Package

Develop for 2010 session

- Strong Government Environmental Procurement Practices

Start Now to Create Partnerships

- Collaborate with industry to influence the supply chain, particularly retail

Further Refine

- Incentives for Industry