

Minneapolis Climate Action Plan

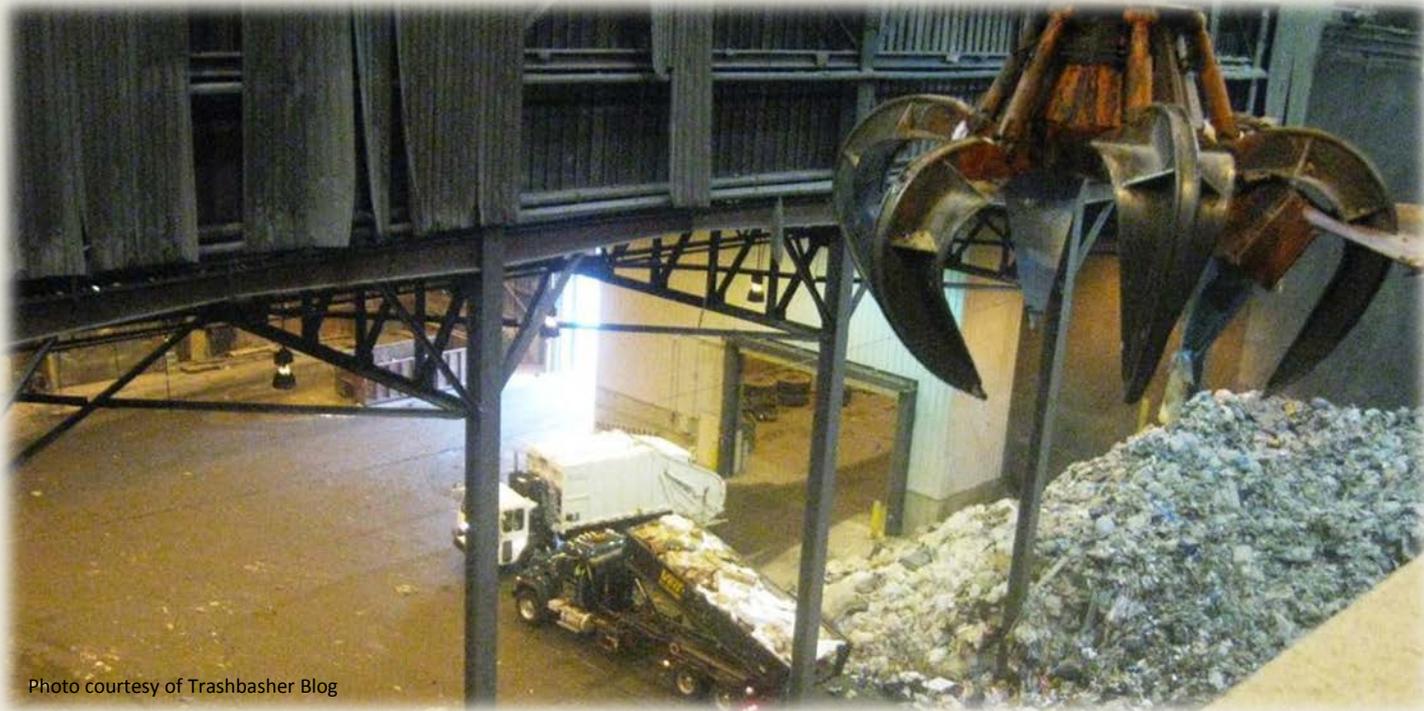


Photo courtesy of Trashbasher Blog

Waste and Recycling Working Group

March 9, 2012 | Meeting 1

Agenda

- Introductions (10m)
- Process (30m)
 - Your role
 - Meeting times/days
 - Steering Committee representation
 - Group Chair
- Waste/recycling sector emissions (10m)
- Overview of options for reducing emissions (5m)
- Next steps (5m)



Minneapolis Climate Action Plan

INTRODUCTIONS

Working Group's Role

1. Understand emissions from the Waste sector
2. Develop potential emissions reduction strategies with a **focus on changes currently being considered for the Minneapolis Waste & Recycling system**
3. Apply *evaluation criteria*
4. Communicate with your organization/constituents
5. Recommend a strategy package to the Steering Committee

Evaluation Criteria

Criteria:	Measurements:
GHG emissions reduction	Carbon dioxide equivalent
Costs and savings	Public and private \$ or relative cost (high, medium, low)
Implementation timeframe	Months, years
Feasibility	Political, social, or institutional obstacles
Social Equity	Disparate impacts (positive or negative)
Co-benefits	Health, economic development, job creation, energy conservation, mobility, quality of life, etc.

Meeting Schedule

- | | |
|---------------------------|---|
| Meeting #2 – April | <ul style="list-style-type: none">• Finalize Chair & Steering Committee Reps• Overview of existing policies/potential changes• Scan of other city's policies/programs |
| Meeting #3 – May | Overview of potential strategies for Mpls |
| Meeting #4 – June | Strategy discussion/prioritization |
| Meeting #5 – July | Synthesis and recommendations |

Next Meeting

Based on availability survey, suggestion is:

Tuesday, April 24th, 12 pm – 2 pm

City Hall, Room 139

Steering Committee Representatives

- Each Working Group is being asked to identify 1-2 representatives for the Steering Committee (2-3 meetings July – September)
- We will finalize this at the April meeting

Waste & Recycling Working Group Chair

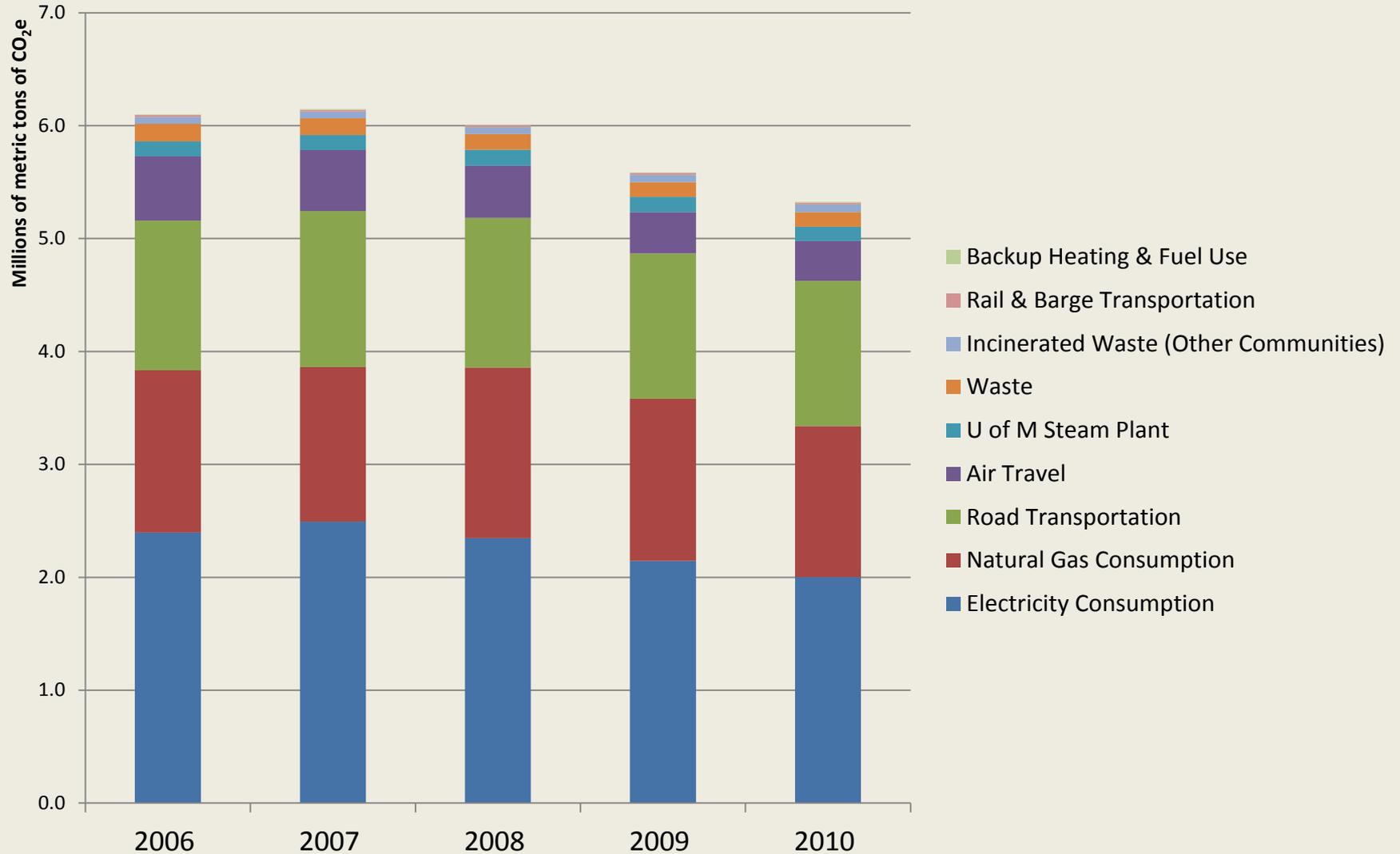
- To facilitate meetings running smoothly, we are asking each Working Group to nominate a chair
- Duties include:
 - Start and end the meeting
 - Help the group stay on schedule
 - Communication point for staff



A Community Greenhouse Gas Inventory for Minneapolis

GEOGRAPHIC-PLUS INVENTORY (2006-2010)

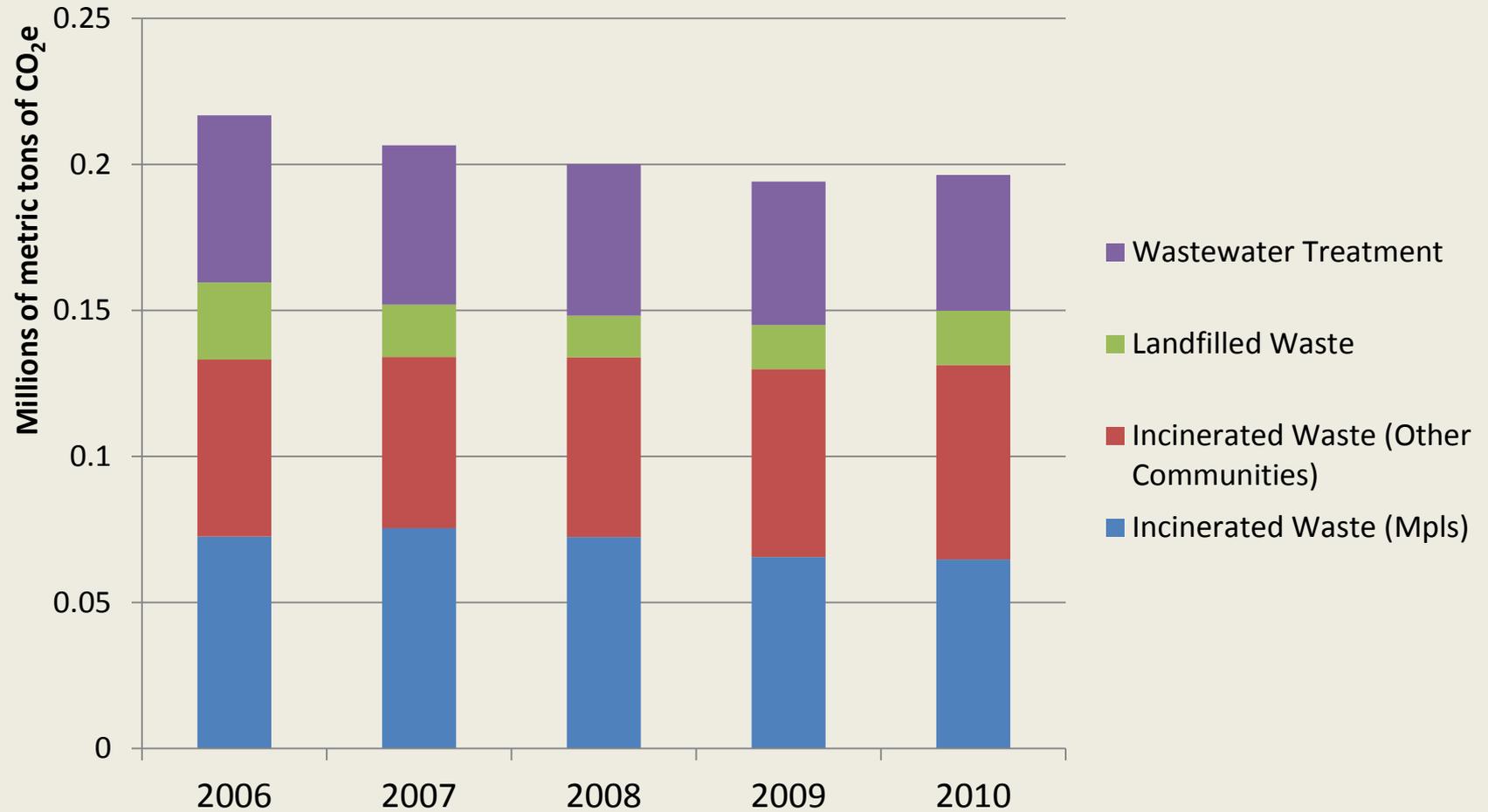
Minneapolis Community GHG Inventory by Source



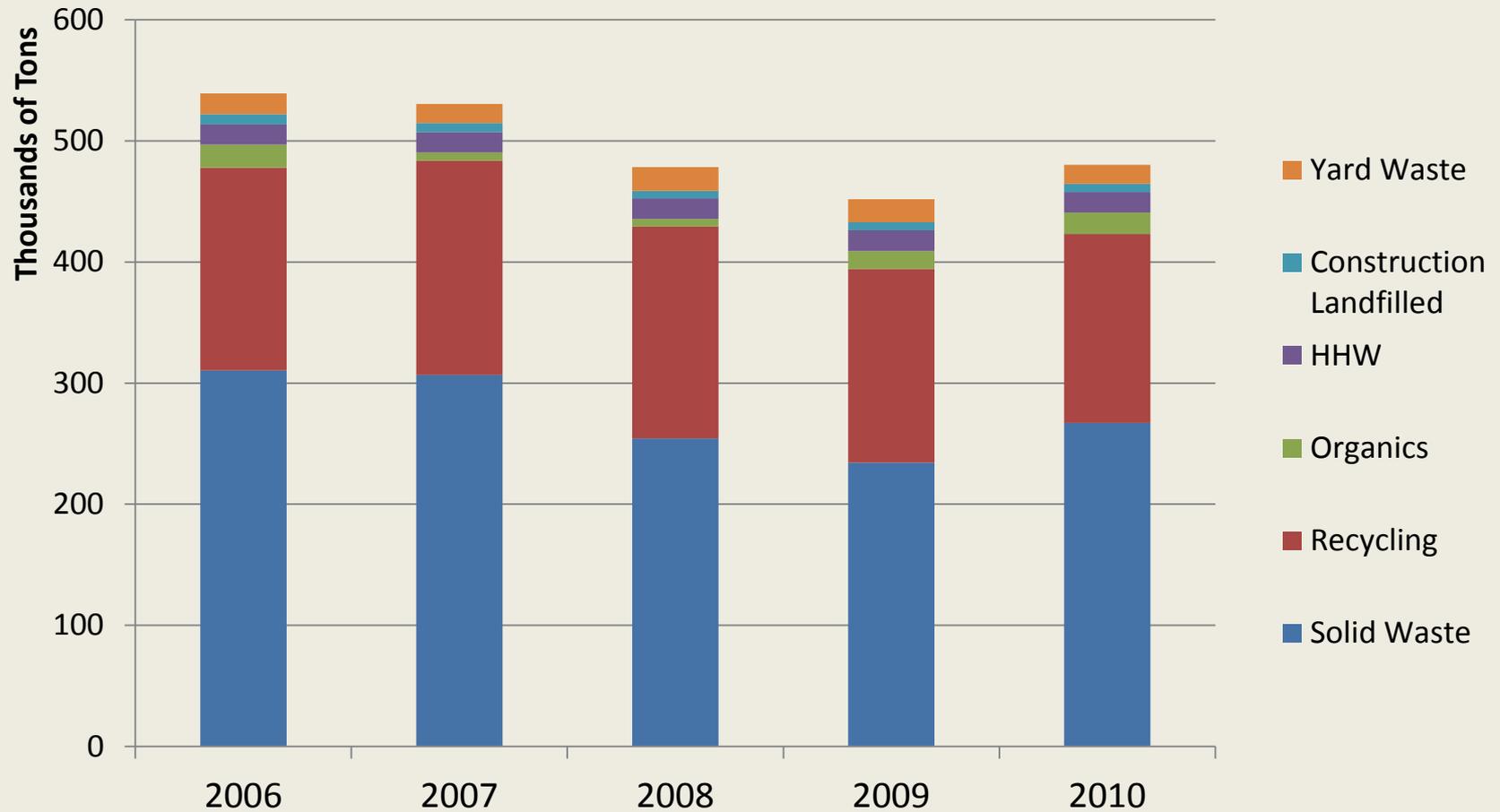
Key Findings - Waste

- **The tonnage of residential solid waste collected (combined single- and multi-family) was down 5 percent between 2006 and 2010.**
- **The tonnage of commercial/Industrial solid waste collected was down 22 percent between 2006 and 2010.** Commercial waste is estimated based on Minneapolis' share of total Hennepin County employment.
- **Tonnage of residential recycling declined 18 percent.** Multi-family and commercial/industrial recycling tonnage also declined 4.7 percent.
- **GHG emissions from wastewater treatment declined 18 percent.** This is likely attributable to a reduction in flow from Minneapolis and efficiency improvements in the Metropolitan Council's system.

Waste Emissions



Solid Waste Collected





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STRATEGY OVERVIEW

Options for emissions reduction

In order to:	We must:
Increase the recycling and composting rate	Make recycling as easy as possible
	Expand the types of waste included in the curbside recycling program
Reduce overall consumption	Reduce the amount of packaging on consumer goods
	Reduce use of cheap, common materials like paper or plastic
	Better educate the public on the costs of consumption, and the benefits of reduction
	Increase reuse of building materials
Reduce emissions generated by waste management and processing	Reduce emissions from collection system
	Support emissions control investment and advances at waste-to-energy, landfill, and composting facilities

Options for emissions reduction

Programs that:	May look like:
Make recycling as easy as possible	Single/dual sort; weekly collection; increase collection in multi-family buildings
Expand the types of waste included in the curbside recycling program	Citywide organics composting program
Reduce use of cheap, common materials like paper or plastic	Ban polystyrene (styrofoam) to-go containers (Alameda, CA)
Better educate the public on the costs of consumption, and the benefits of reduction	Clearly label trash cans and other garbage receptacles as “landfill” [or “incinerator”] (Portland, OR)
Increase reuse of building materials	Make construction and demolition recycling mandatory for city-supported projects (Kansas City, MO)
Reduce emissions from collection system	Phase out older vehicles not suitable for retrofit
Support emissions control investment and advances at waste-to-energy, landfill, and composting facilities	

Next Steps

- At next meeting:
 - Select a Chair
 - Select Steering Committee representatives
 - Overview of existing policies/programs
 - Schedule future meetings
- Recommended reading:
 - Other Climate Action Plans (see handout)
- Contact us:
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