

Minneapolis Climate Action Plan

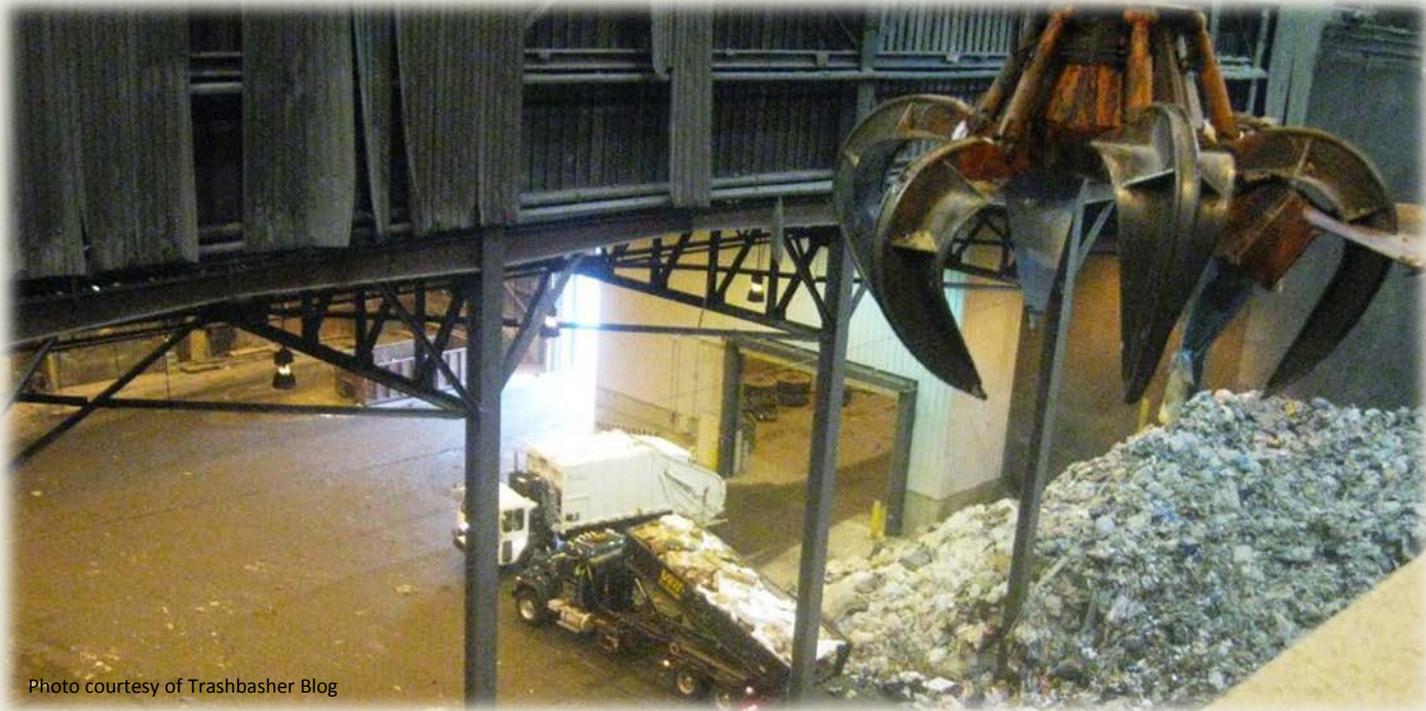


Photo courtesy of Trashbasher Blog

Waste and Recycling Working Group

April 24, 2012 | Meeting 2

Agenda

- 12:00 – 12:05 **Introductions & Process Overview**
- 12:05 – 12:10 **Steering Committee Appointments**
- 12:10 – 12:45 **Hennepin County Solid Waste Plan Overview**
- 12:45 – 1:20 **Minneapolis Waste Overview**
- 1:20 – 1:30 **MCCAG & 1993 CAP Strategies**
- 1:30 – 1:45 **Greenhouse Gas Impacts of Potential Changes**
- 1:45 – 3:00 **Wrap-up/Next Steps**



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.



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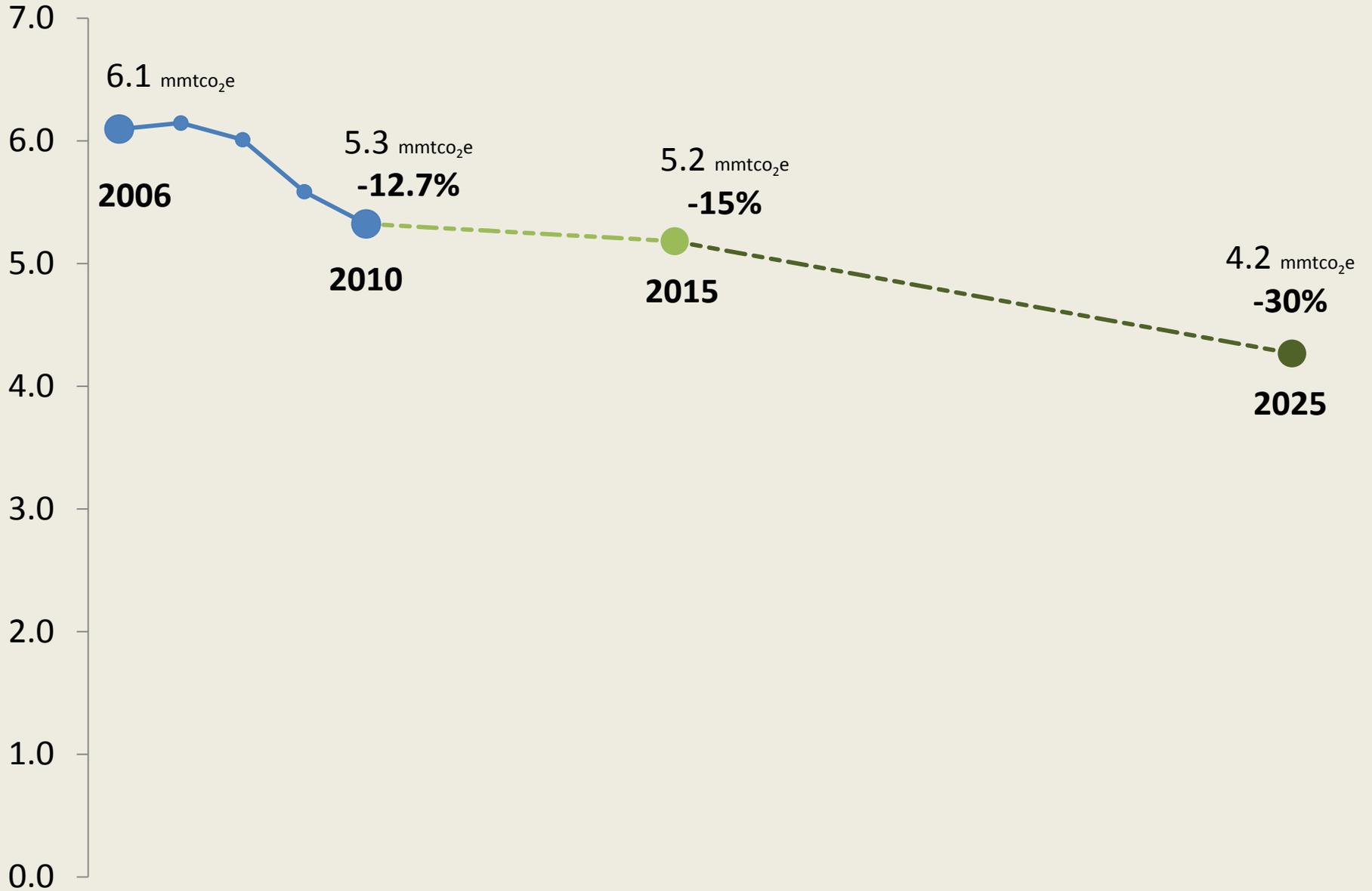
MCCAG & '93 CAP STRATEGIES



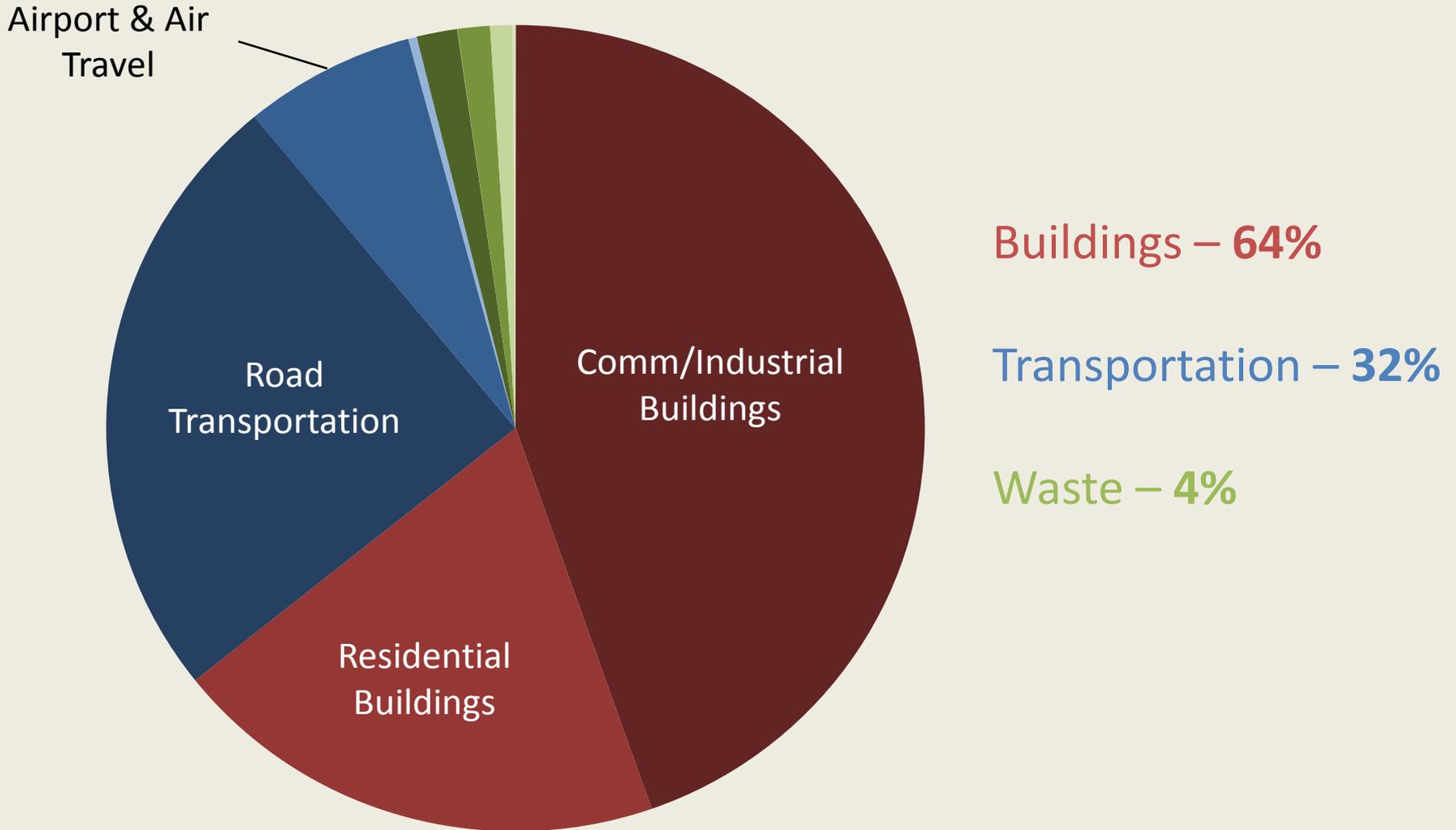
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GHG IMPACT OF POTENTIAL CHANGES

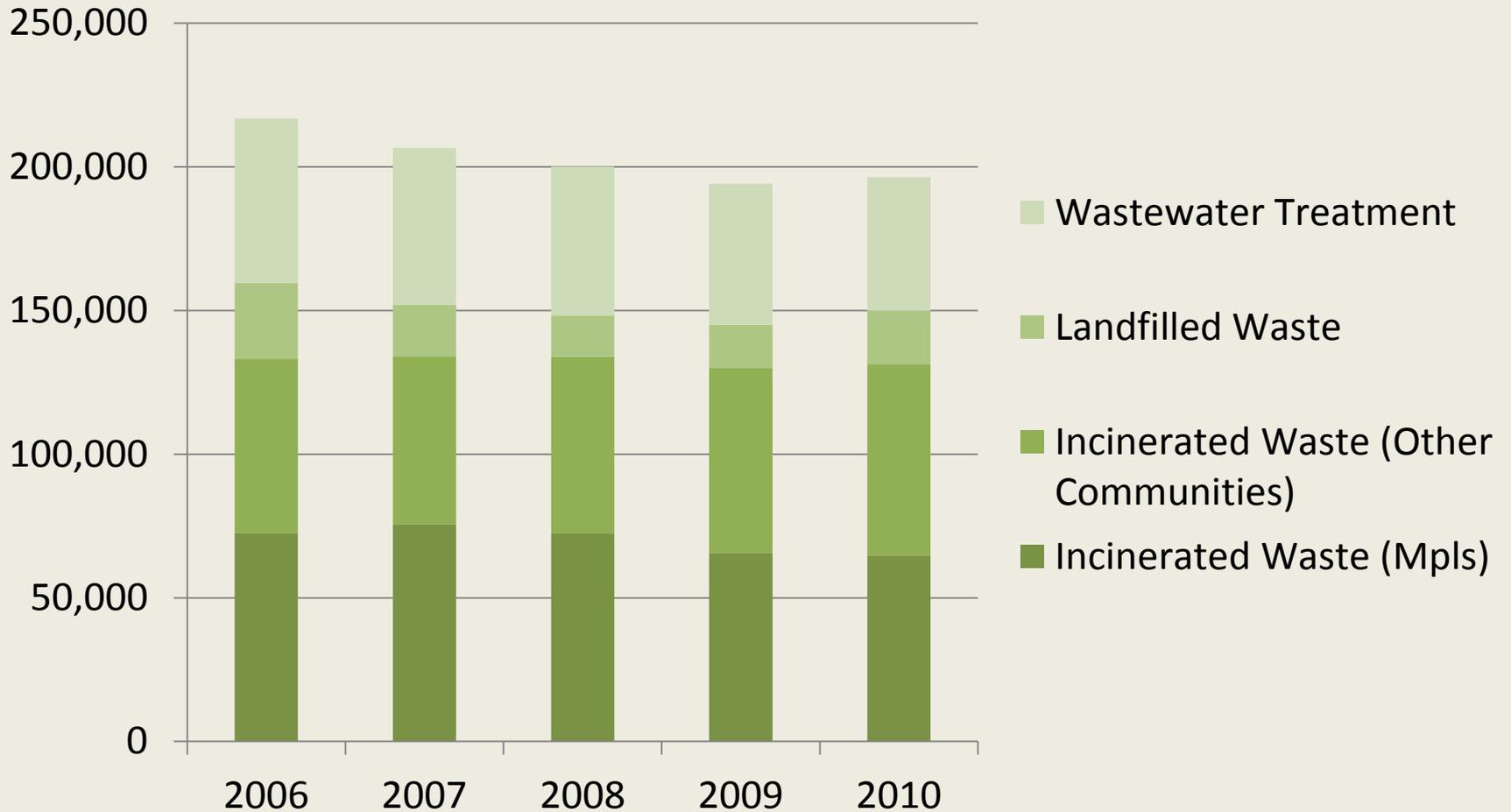
Minneapolis Community GHG Reduction Targets



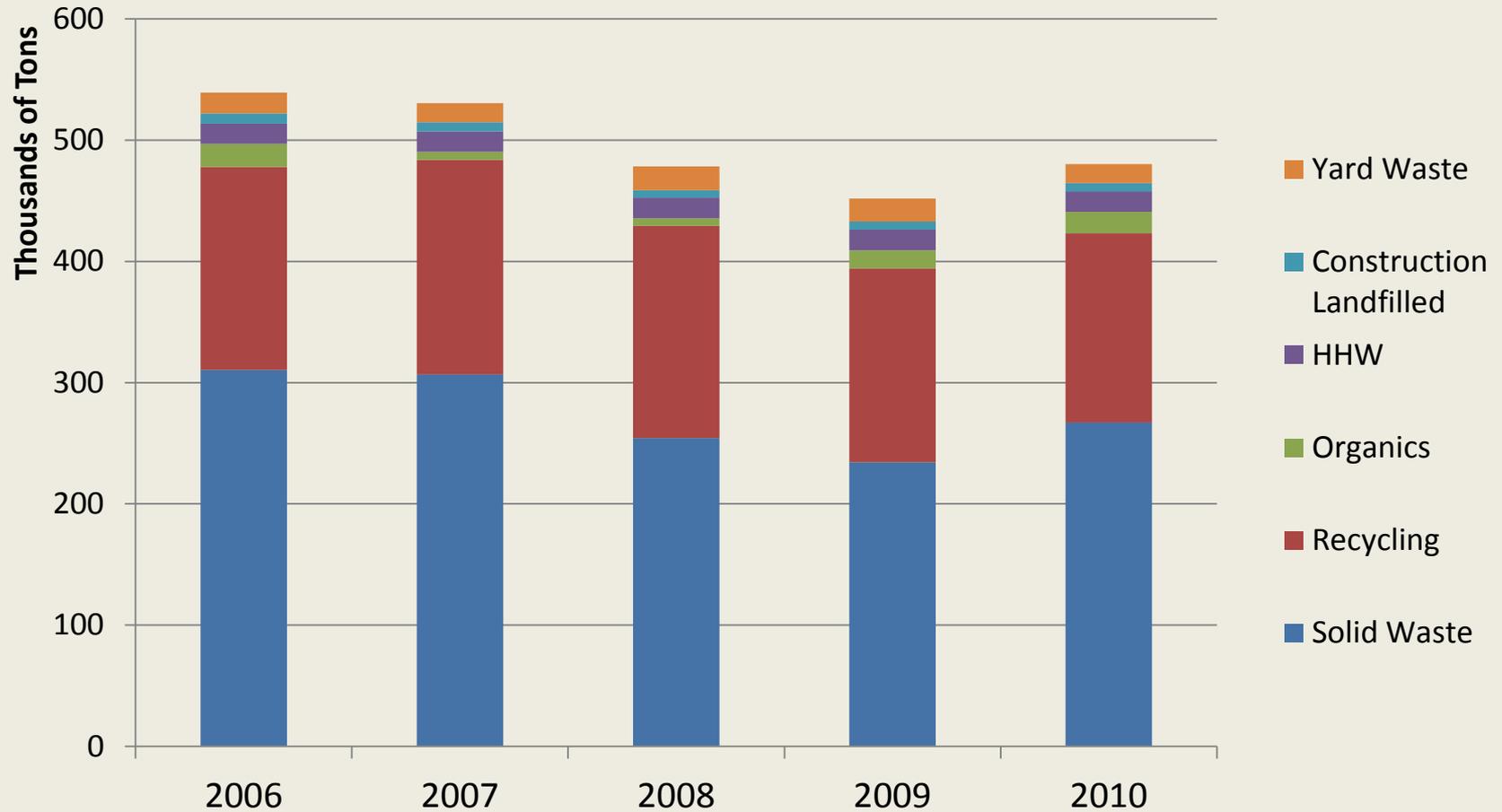
Minneapolis 2010 Community GHG Inventory by Sector



Waste Emissions



Solid Waste Collected

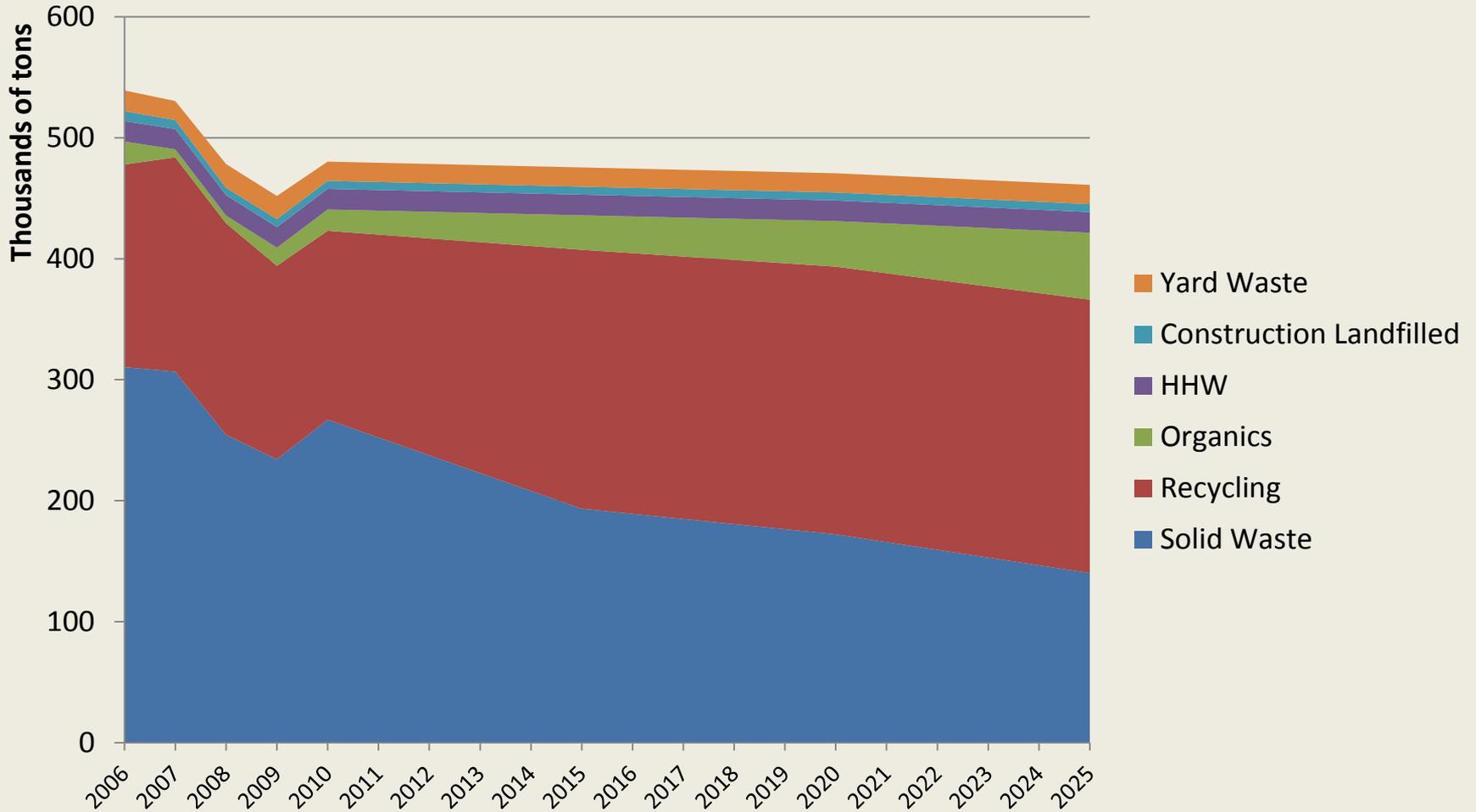


Hennepin County/MPCA Waste Goals

Management Method	<i>Current (Mpls)</i>	2015	2020	2025	2030
Source Reduction	--	1-2%	2-4%	3-5%	4-6%
Recycling	32%	45-48%	47-51%	49-54%	54-60%
Organics Recovery	3%	3-6%	4-8%	6-12%	9-15%
Resource Recovery	~35%	32-34%	32-33%	30-31%	24-28%
Maximum Landfill	~15%	20%	17%	15%	9%

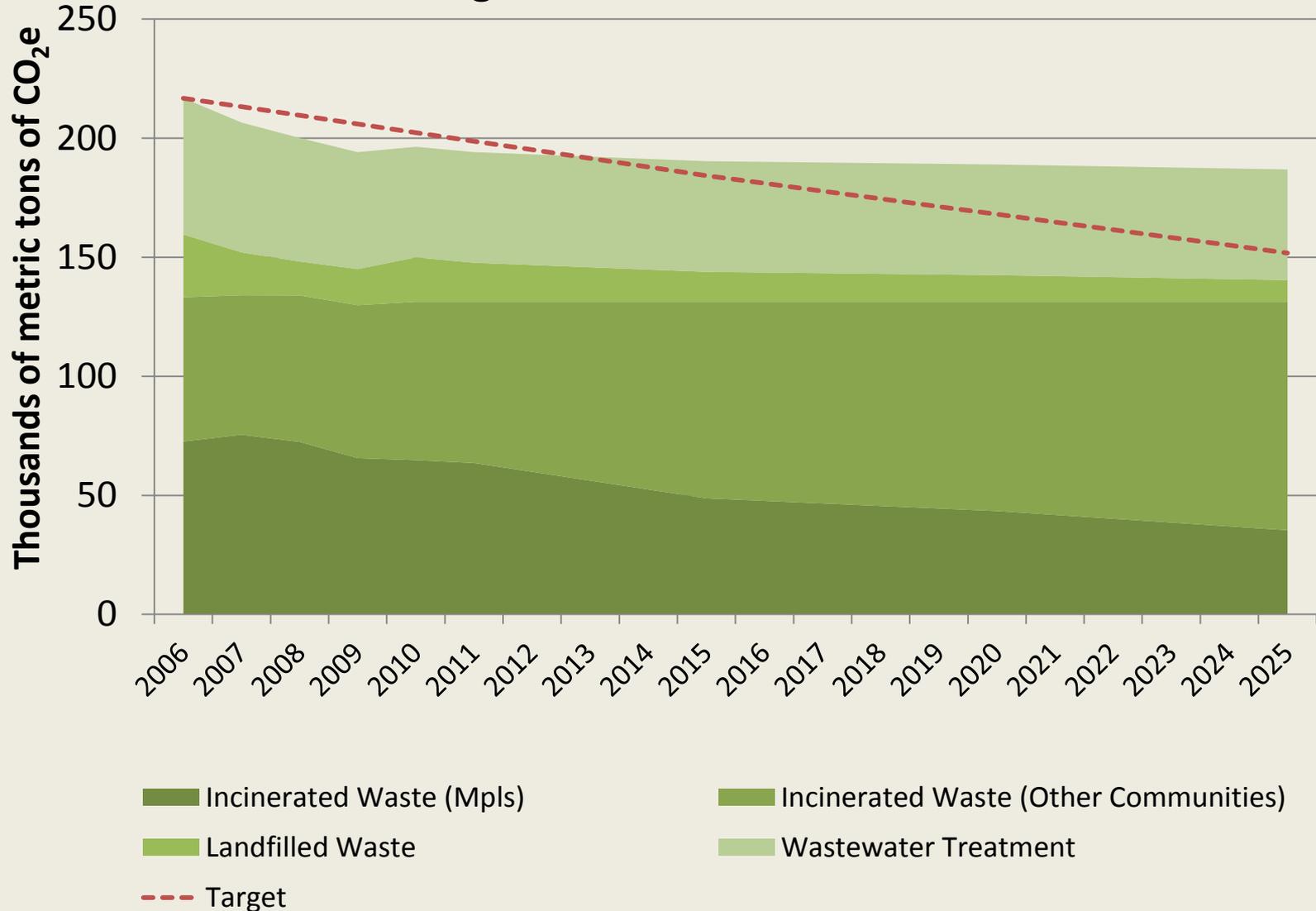
Forecast of Tons of Solid Waste Collected

Based on MPCA/Hennepin County Goals



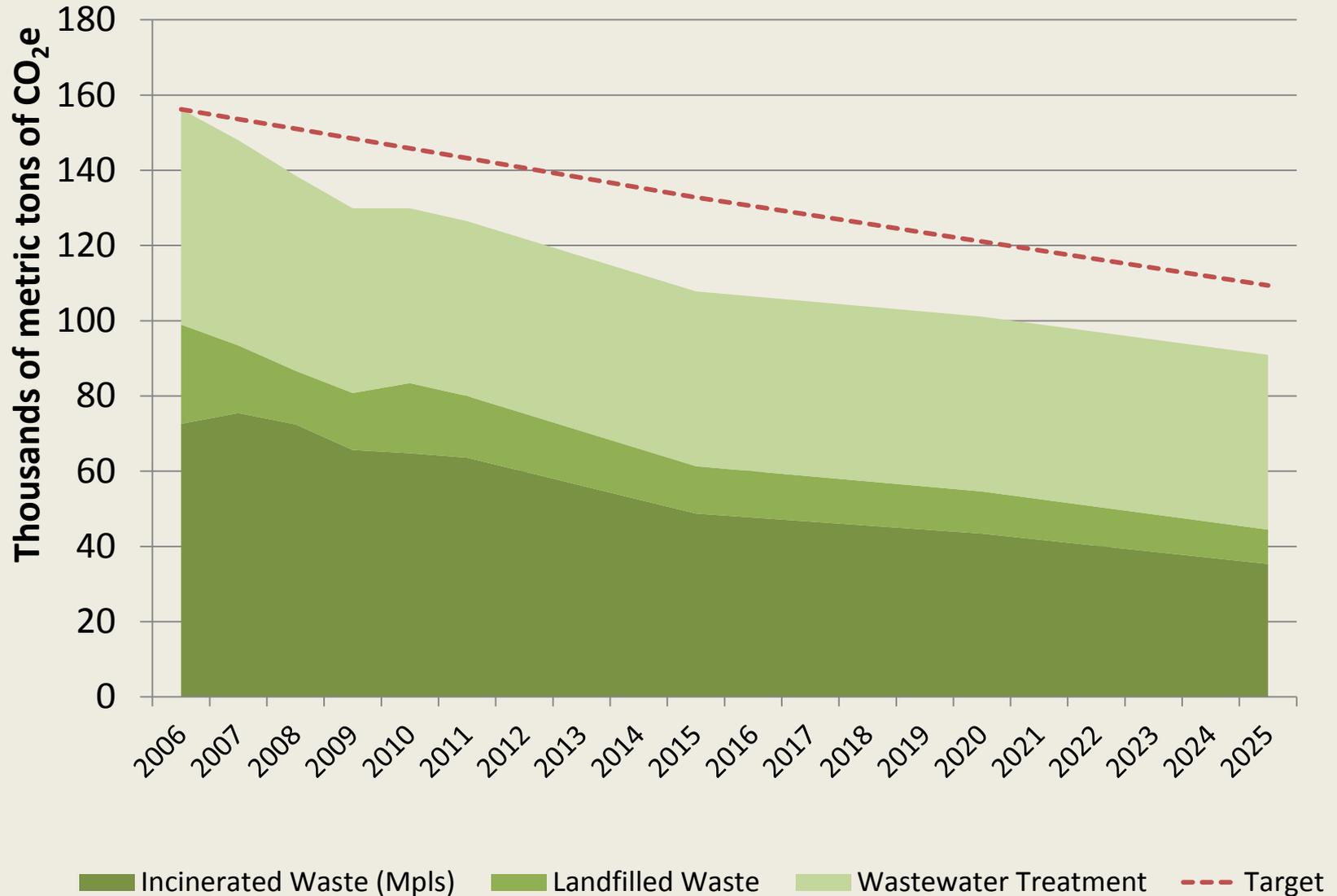
Greenhouse Gas Emissions Forecasts

Including waste from other communities



Greenhouse Gas Emissions Forecasts

Minus Waste from other Communities



Strategies

- Source reduction & reuse
- Increase recycling
 - Curbside
 - Commercial
 - Multi-family
- Increase organics recovery

Next Steps

- Next meeting (May 24th):
 - Staff will present a group of strategies for discussion
 - Working Group brainstorming and discussion
- Contact us:
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 - 612-673-2349