

Minneapolis Climate Action Plan

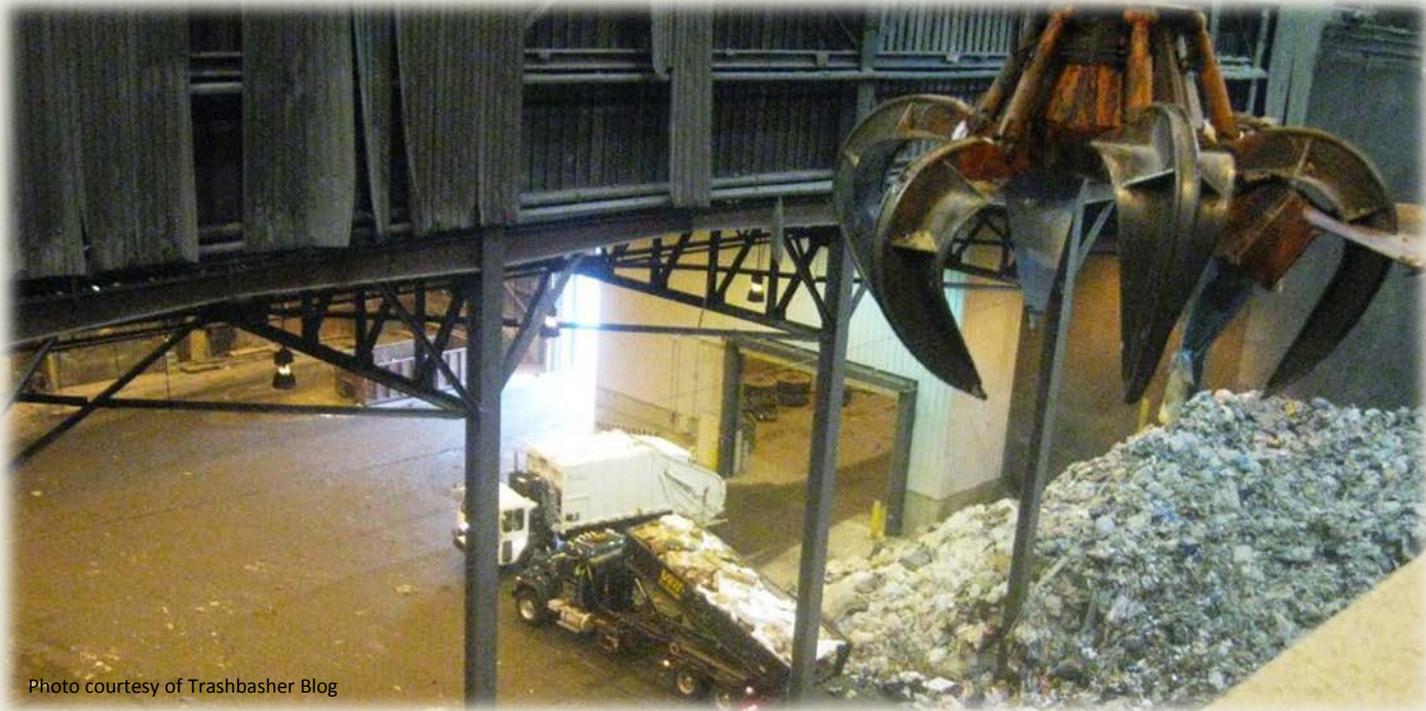


Photo courtesy of Trashbasher Blog

Waste and Recycling Working Group

May 24, 2012 | Meeting 3

Agenda

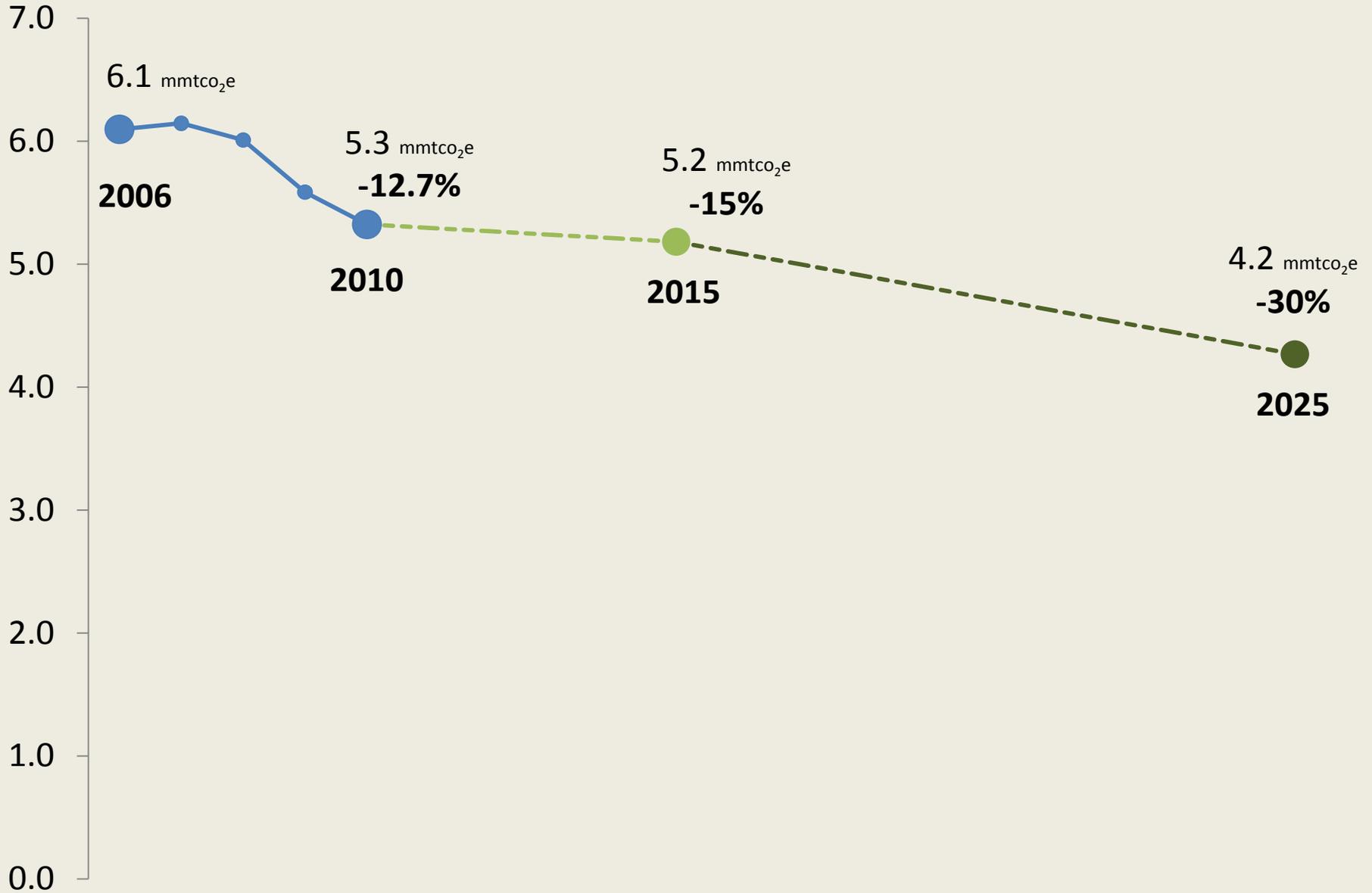
- | | |
|-------------|---|
| 1:30 – 1:40 | Greetings and Introductions |
| 1:40 – 2:00 | Strategy Examples & Ideas for Minneapolis |
| 2:00 – 3:20 | Discussion <ul style="list-style-type: none">• Source Reduction• Recycling• Organics• Lifecycle |
| 3:20 – 3:30 | Next Steps |



Minneapolis Climate Action Plan

INTRODUCTIONS

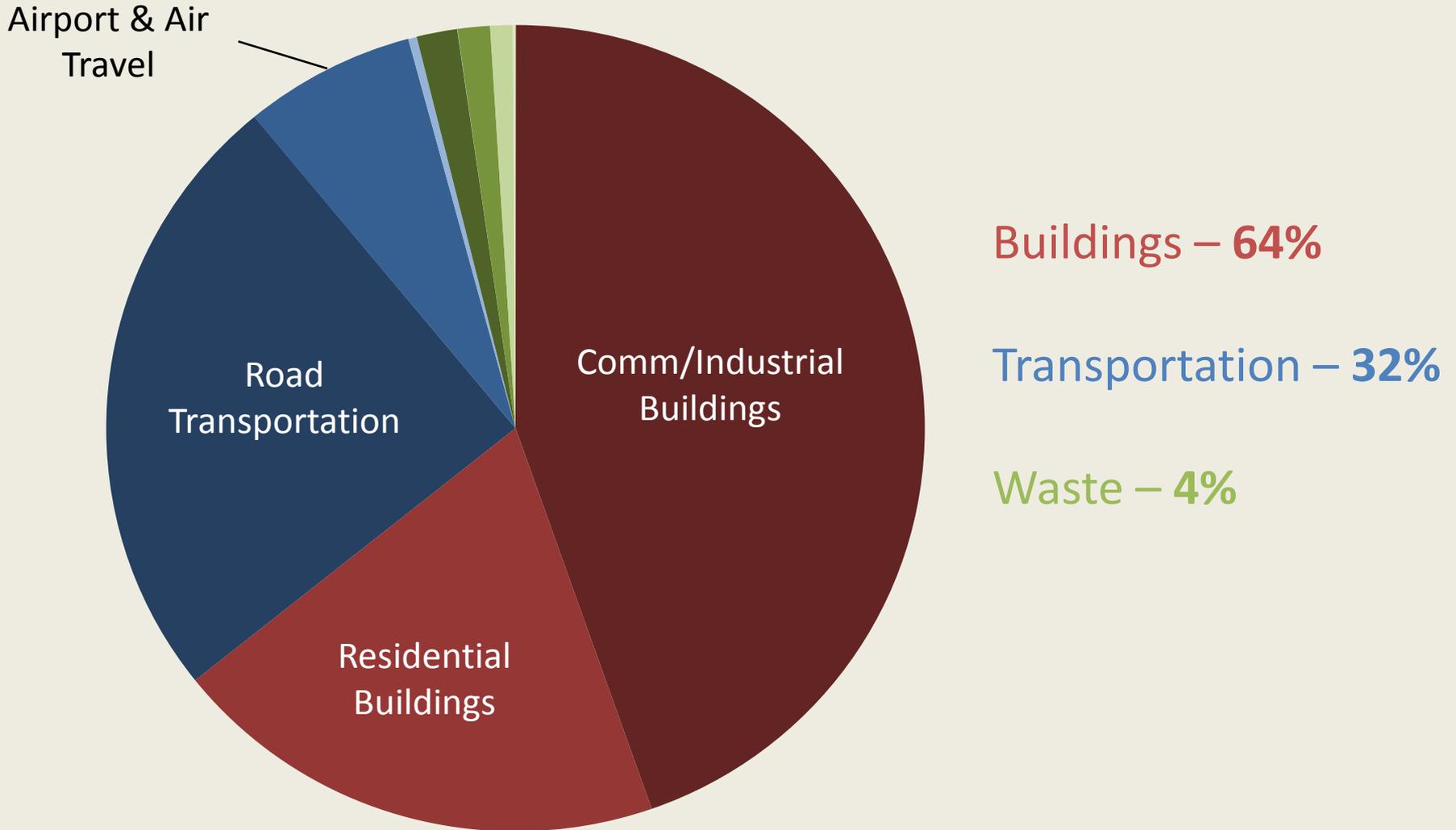
Minneapolis Community GHG Reduction Targets



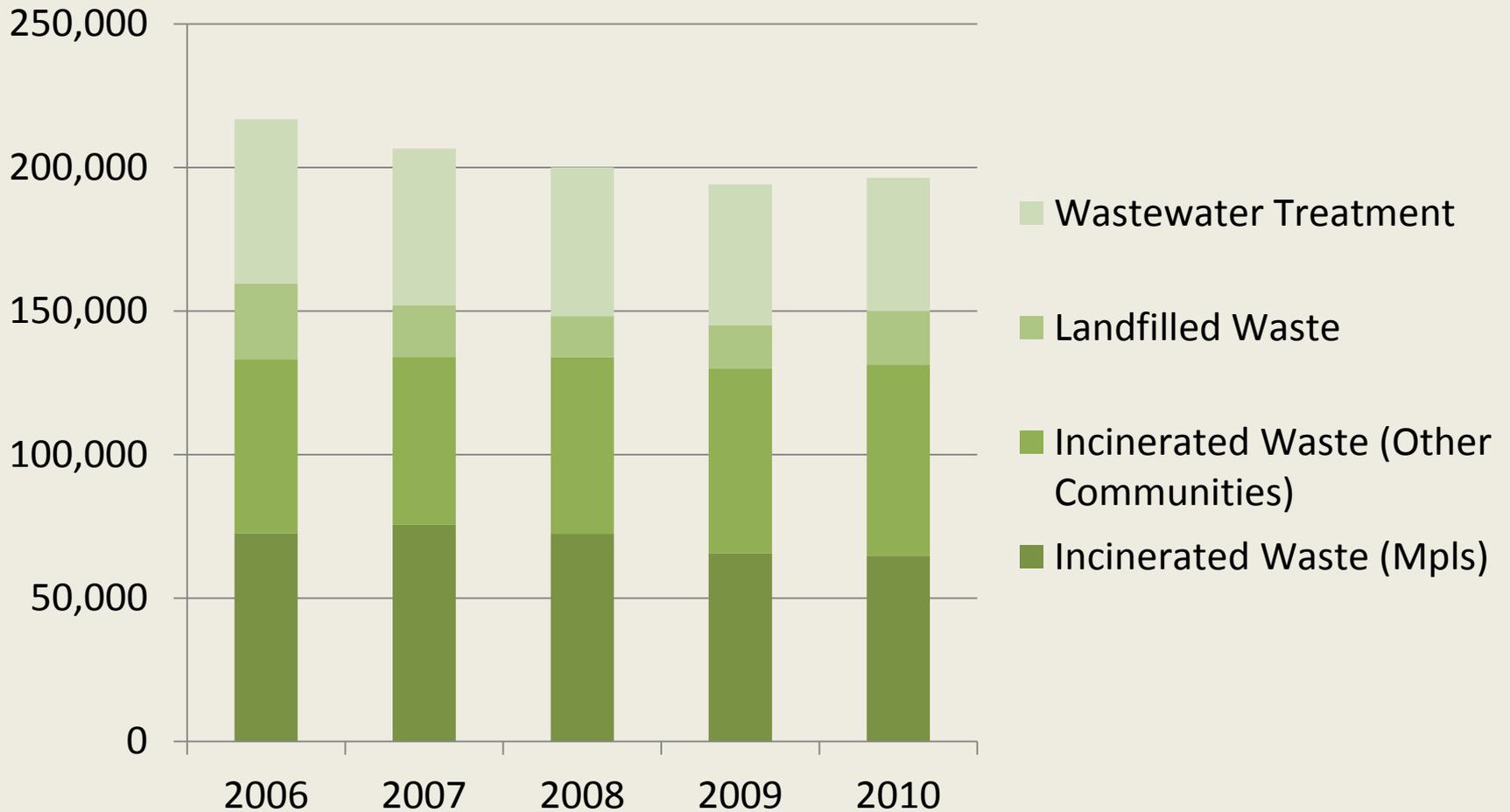
Evaluation Criteria

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.

Minneapolis 2010 Community GHG Inventory by Sector



Waste Emissions





Minneapolis Climate Action Plan

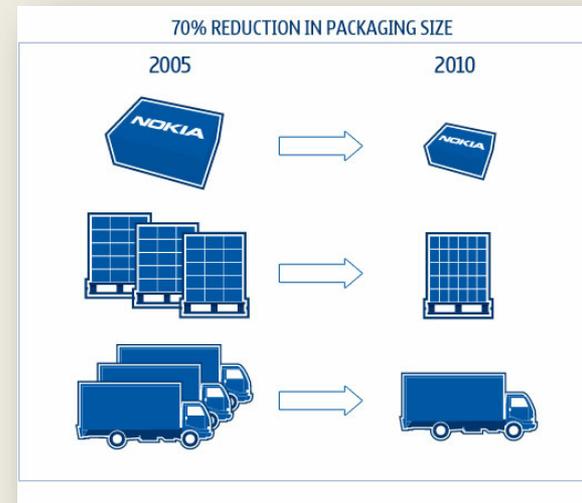
STRATEGY EXAMPLES

Expanding Recycling

- **Many Climate Action Plans** call for expanded residential recycling programs, including:
 - Weekly recycling collection
 - Accepting more materials
 - Curbside organics pickup
 - Mandatory recycling rules

Source Reduction

- **Minnesota Climate Change Action Group**
 - Expand “Green Building” programs
 - Work with manufacturers to reduce packaging
 - Local and regional public education efforts



Food Packaging Ordinance

- **San Luis Obispo, CA Climate Action Plan**
 - Municipal ban on polystyrene (styrofoam) food containers
 - Developing a broader ordinance on food packaging



Changing Attitudes

- **Portland, Oregon Climate Action Plan**
 - Label trash cans as “Landfill”
- **Seattle Climate Action Plan**
 - New programs promoting salvage, deconstruction, and reuse
- **Chicago**
 - Branding recycling with the “Blue Cart” single-sort home recycling program

Wastewater system efficiency

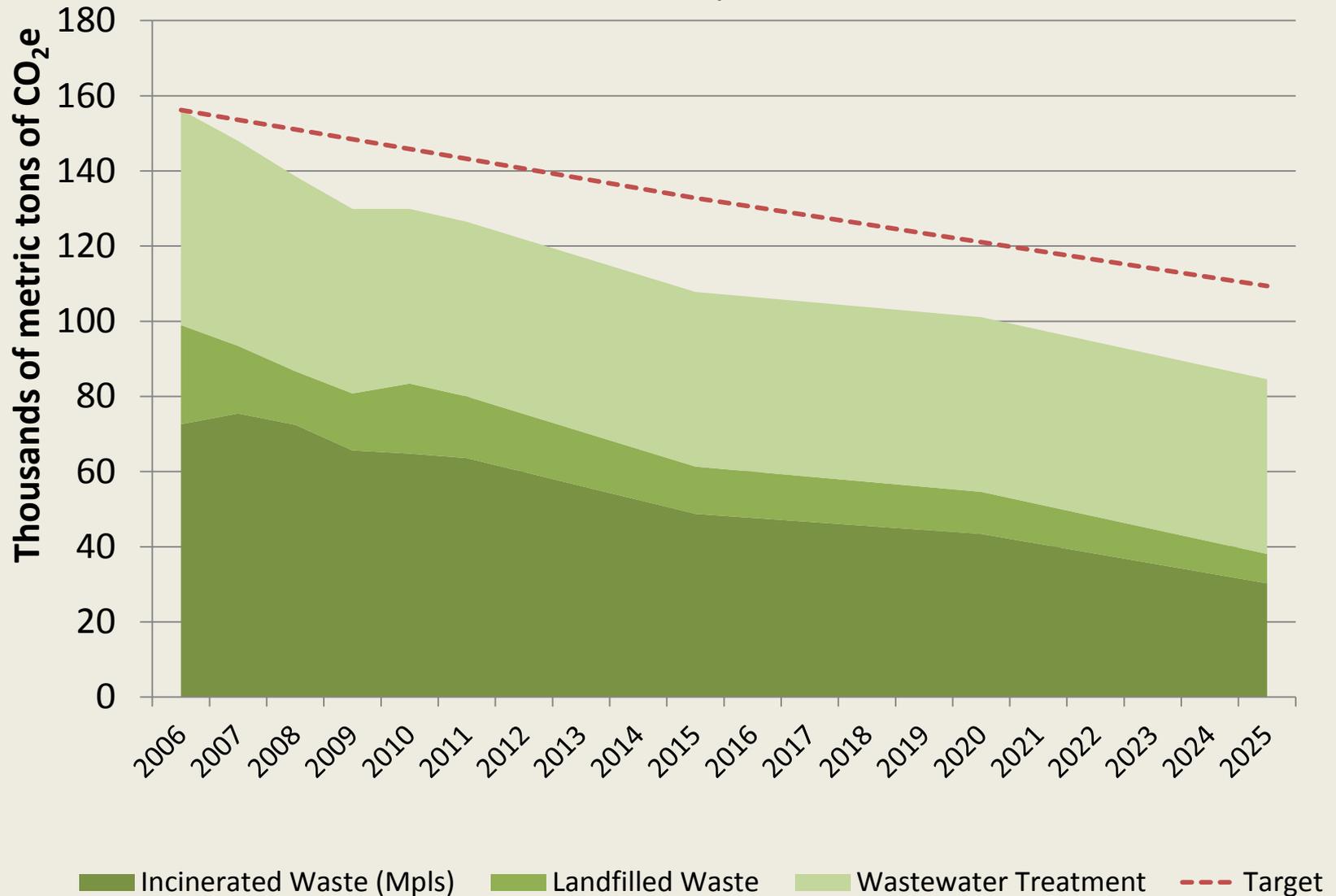
- **Metropolitan Council Environmental Services**
 - Reduce energy purchases 25% below 2006 levels by 2015
 - Energy efficiency
 - Implement renewable energy
- **Wastewater flow reduction**
 - Installing low-flow fixtures via CES program
 - Explore feasibility of expanded greywater reuse systems

Proposed Waste & Recycling Goals

Management Method	Current (Mpls)	2025 (Hennepin)	2025 (Mpls - Proposed for Discussion)
Source Reduction	--	3-5%	5%
Recycling	32%	49-54%	50%
Organics Recovery	3%	6-12%	15%

Greenhouse Gas Emissions Forecasts

From Minneapolis Waste





Minneapolis Climate Action Plan

DISCUSSION

Next Steps

- Next meeting: **June 28th**

- Contact us:

<http://www.minneapolismn.gov/sustainability/climate>

Brendon.Slotterback@MinneapolisMN.gov

612-673-2349