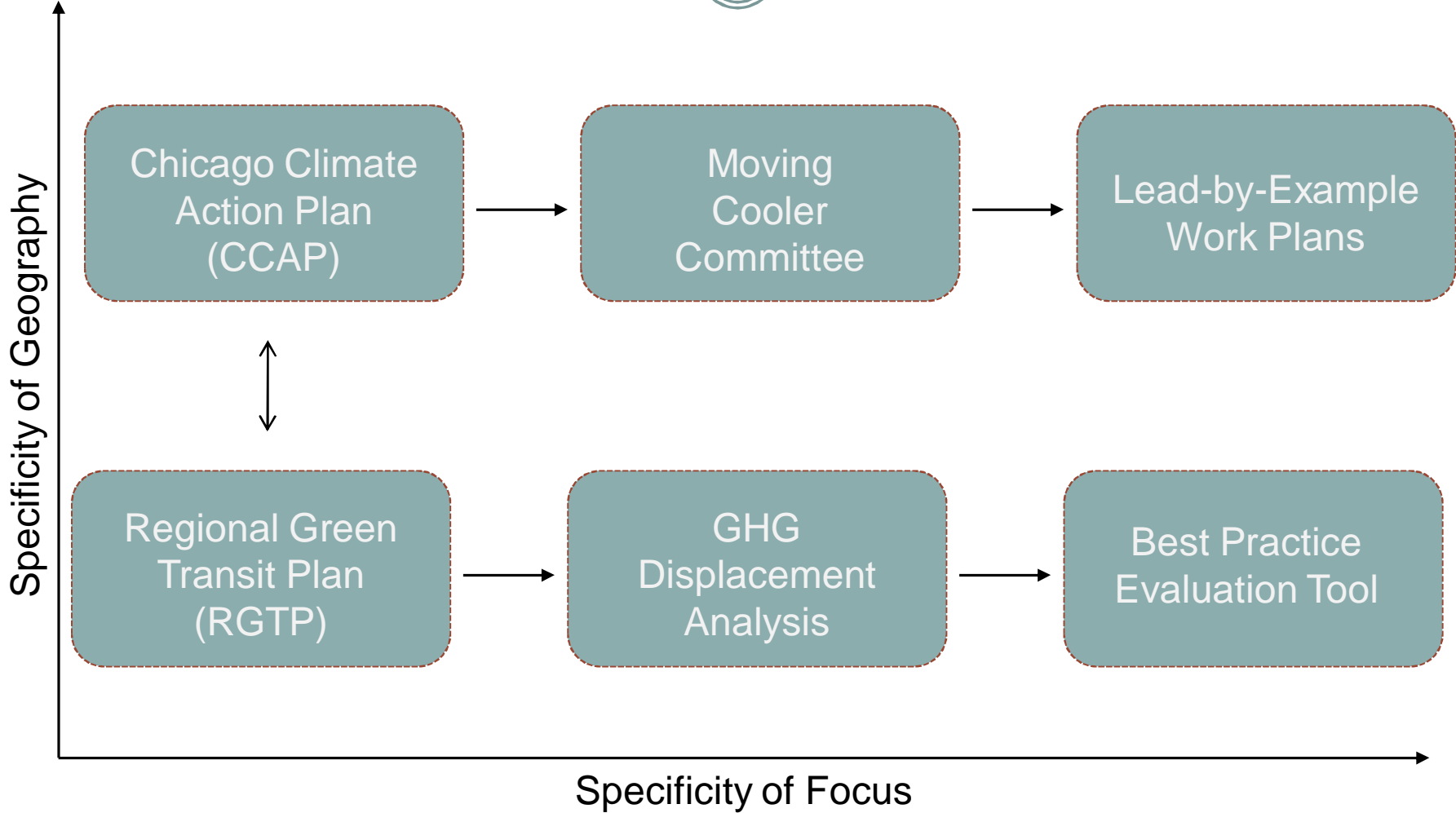


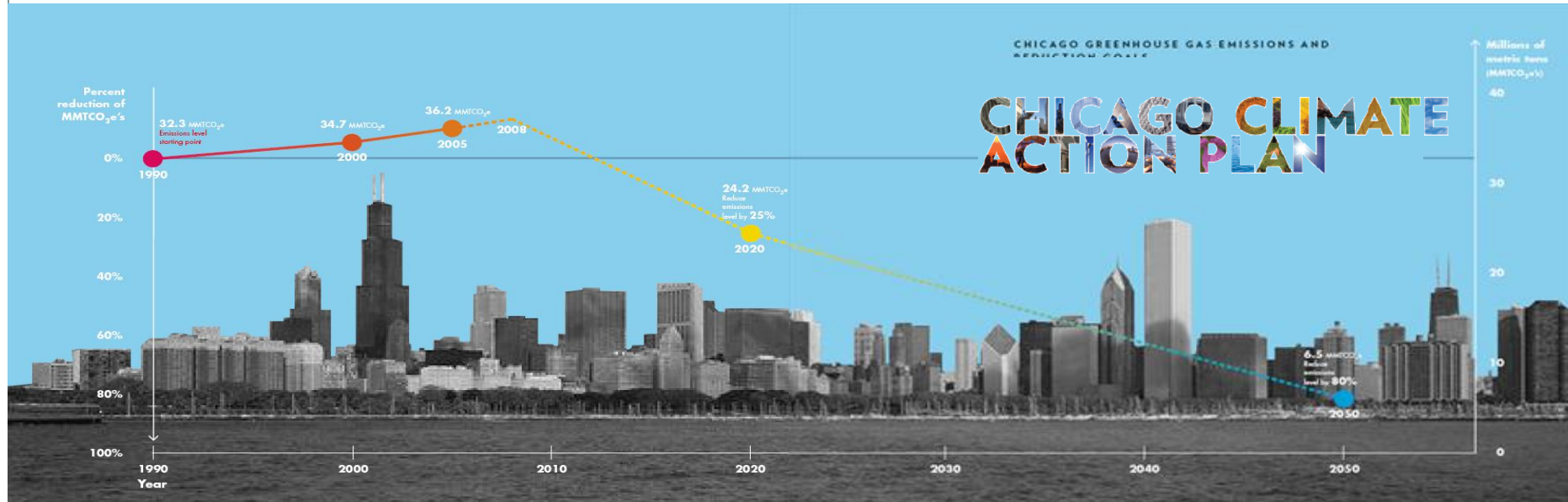
Chicago Area Climate Action Planning



Chicago Climate Action Planning Efforts



Chicago Climate Action Plan (CCAP)



Reduction Targets

25% reduction (from 1990) by 2020
80% reduction (from 1990) by 2050

Reduction Strategies

1. Energy efficient buildings
2. Clean & renewable energy sources
3. Improved transportation options
4. Reduced waste & industrial pollution
5. Adaptation

CCAP: Transport Sector GHG Reduction Actions



of Total Chicago GHG Reductions
= **3.61 MMTCO₂e**

Recommended Actions

1. Invest More in Transit
2. Expand Transit Incentives
3. Promote Transit-Oriented Dev'ment
4. Make Walking and Bicycling Easier
5. Car Share and Carpool
6. Improve Fleet Efficiency
7. Achieve Higher Fuel Efficiency Standards
8. Switch to Cleaner Fuels
9. Support Intercity Rail
10. Improve Freight Movement

CCAP Moving Cooler Committee Targets

Improved Transportation Options

- Increase transit ridership by 30%
- Double the number of walking and biking trips
- Increase carpooling by 45%
- Increase ten-fold the number of available car shares

Fleets and Fuels

- Improve City, Sister Agency, and private fleet efficiency
- Double the number of intercity rail passengers
- Shift 15% of city truck freight to rail and/or water



CTA Sustainability Initiatives



1. Sustainable Transportation



2. Clean Vehicles



3. Multimodal Connections



4. Efficient Facilities



5. Resource Recycling



www.transitchicago.com/goinggreen

CTA Ridership Growth



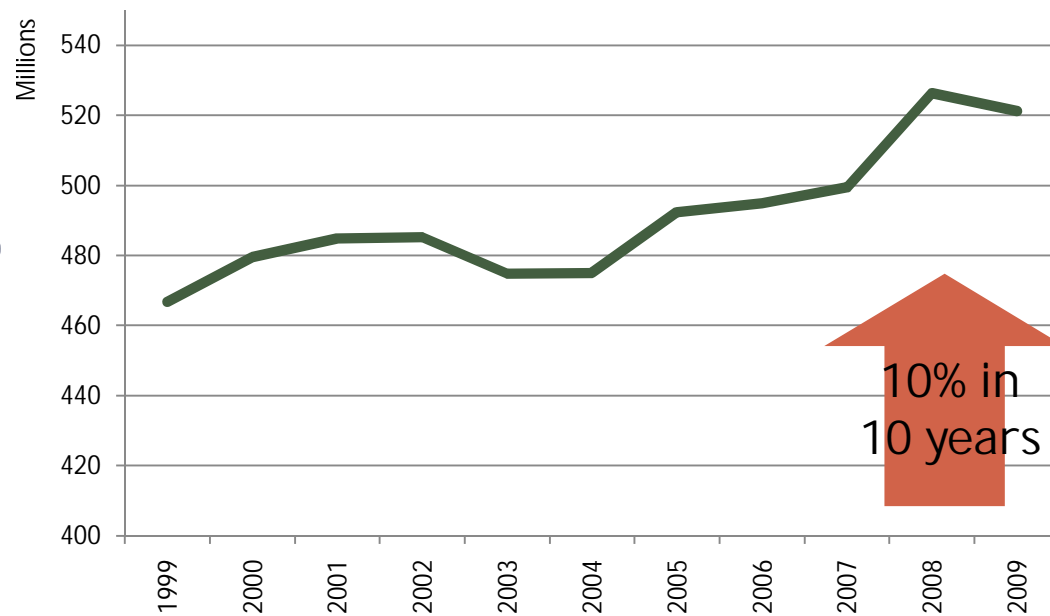
Public transportation is vital to having an alternative to driving, thus reducing emissions

In the past ten years, the CTA has increased ridership by more than 10%

This growth is currently in danger due to forced service reductions:

- 18% of bus service
- 9% of rail service

CTA Annual Ridership
(Millions of rides)



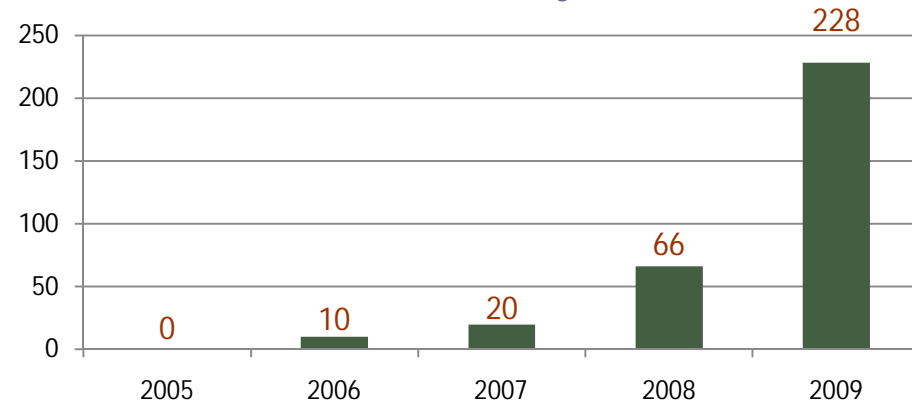
CTA Hybrid Bus Fleet



Since 2006, the CTA has introduced 228 hybrid buses comprising more than 10% of bus fleet:

- 20 standard buses
- 208 articulated buses

CTA Hybrid Buses:
Fleet Count by Year

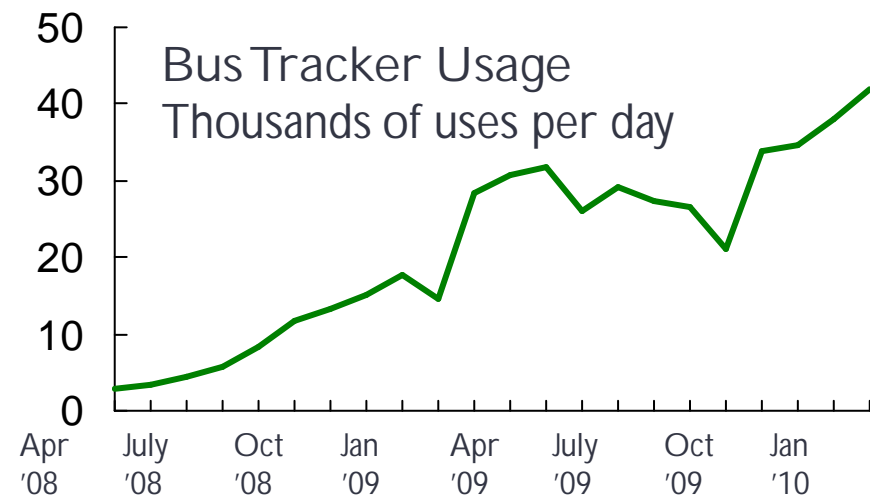


Saves CTA more than \$7 million annually in parts, labor and fuel

CTA Bus Tracker



- ▶ Bus Tracker provides real-time bus arrival times through GPS technology, improving information for bus customers.
- ▶ Arrival predictions can be accessed from both web-enabled and text-based mobile devices
- ▶ Use of Bus Tracker has grown rapidly since system-wide technology rollout



Regional Green Transit Plan (RGTP)



- RTA Resolution to Develop RGTP
– May 2009
- IDOT State Planning and Research Grant
- Regional Working Group
 - CTA, Metra, Pace, IDOT, CMAP, CDOT, CDOE
- Supports Regional Strategic Goals
 - Environmental protection and sustainability
 - Enhance efficiencies
 - Demonstrate value of transit



Regional Transit Sustainability Vision



- Vision
 - “A sustainable transit system that reduces regional greenhouse emissions from transportation, uses energy efficiently, conserves natural resources and support livable communities.”
- Goals
 - Increase transit’s net regional GHG-emissions benefits
 - Increase efficiency of the use of natural resources
 - Decrease life-cycle costs and environmental impact in procurement, construction and maintenance
 - Promote development of livable communities that support transit and other efficient transport modes

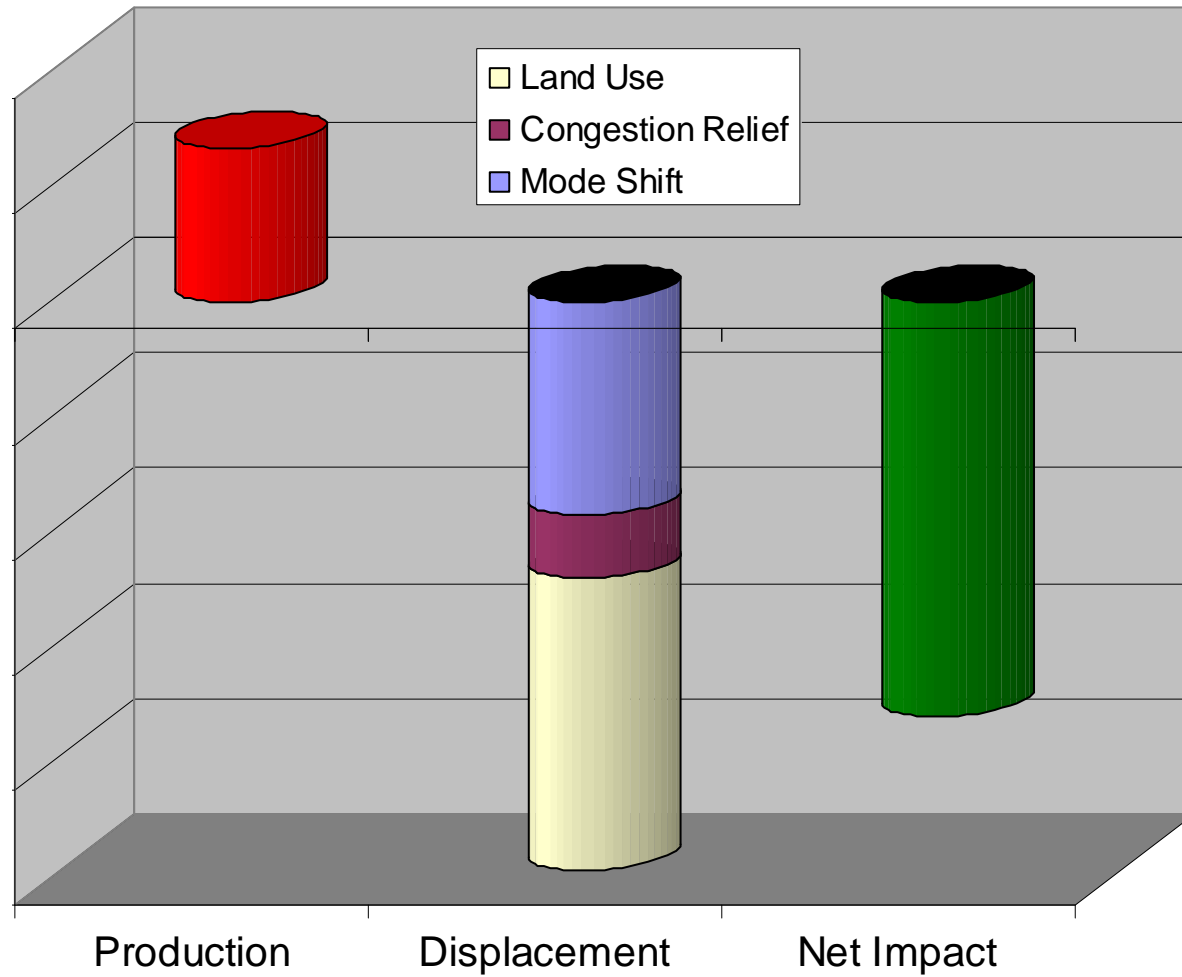
Regional Green Transit Plan (RGTP)



- Plan Components
 - Greenhouse gas emissions and displacement analysis
 - Regional vision and goals for transit sustainability
 - Recommendations for climate mitigation strategies
 - Climate mitigation implementation plan
 - Monitoring and tracking process
 - Climate change vulnerabilities
- Consistency with other initiatives
 - Chicago Climate Action Plan
 - GoTo 2040 – Regional Comprehensive Plan



Transit's Net GHG Emissions Benefits



Current Regional Sustainability Efforts

- Transit-Oriented Development
 - RTA Funding Programs
 - Regional TOD Working Group
- Facilities
 - Lighting retrofits, Daylighting, Energy efficiency improvements, monitoring
- Motive Power
 - Idle reduction technologies, hybrid propulsion, Gen-set
- Water
 - Green roofs, vehicle wash reuse
- Waste
 - Battery recycling, office recycling, landscape recycling
- Materials
 - Recycled rail ties, permeable pavers



Next Steps



- Chicago Climate Action Plan
 - Moving Cooler implementation
 - Continued monitoring of Lead-by-Example
- Regional Green Transit Plan
 - Recommend climate mitigation strategies
 - One-time initiatives vs. programmatic strategies
 - Identify system vulnerabilities
 - Climate adaptation strategies
 - Compile final plan
 - Stakeholder outreach
 - Final plan marketing and promotion

