

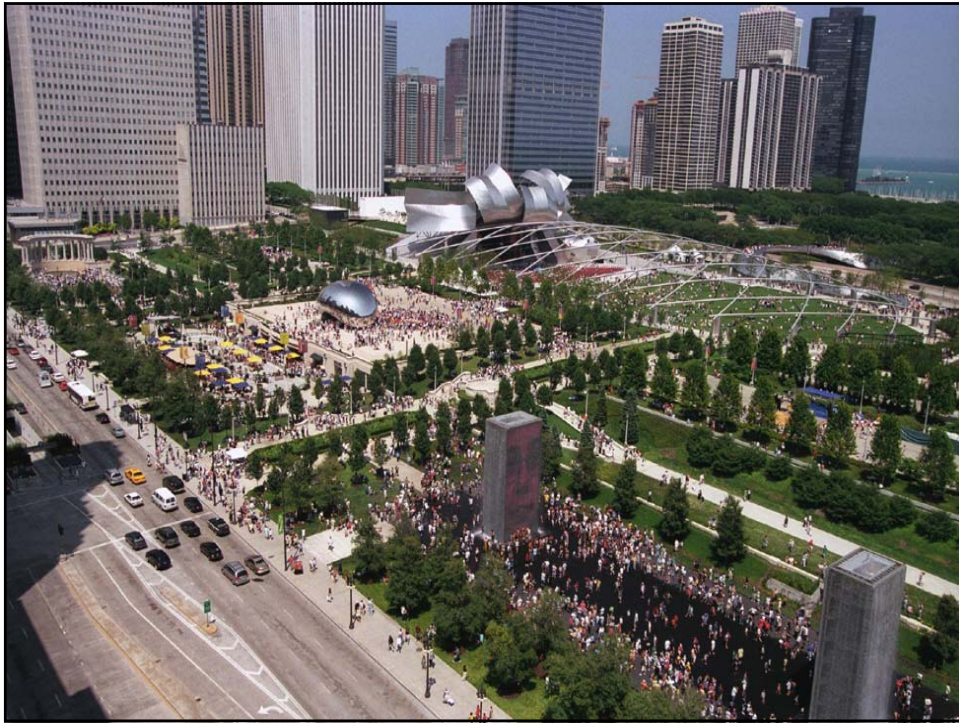
IEEE PES T&D Conference

David O'Donnell
City of Chicago
Department of Environment
April 24, 2008

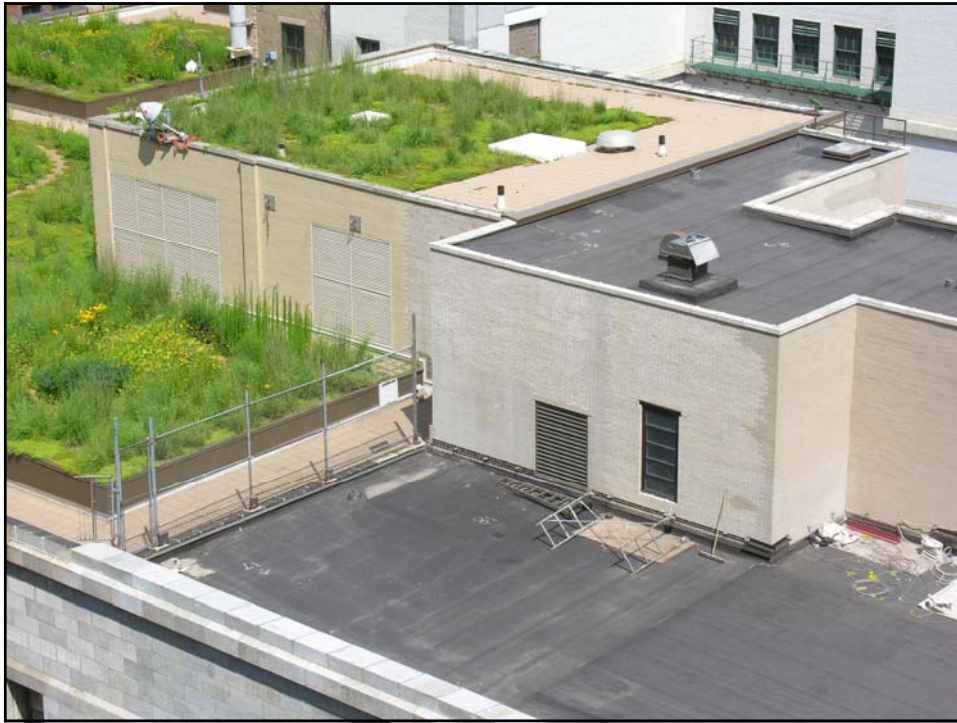


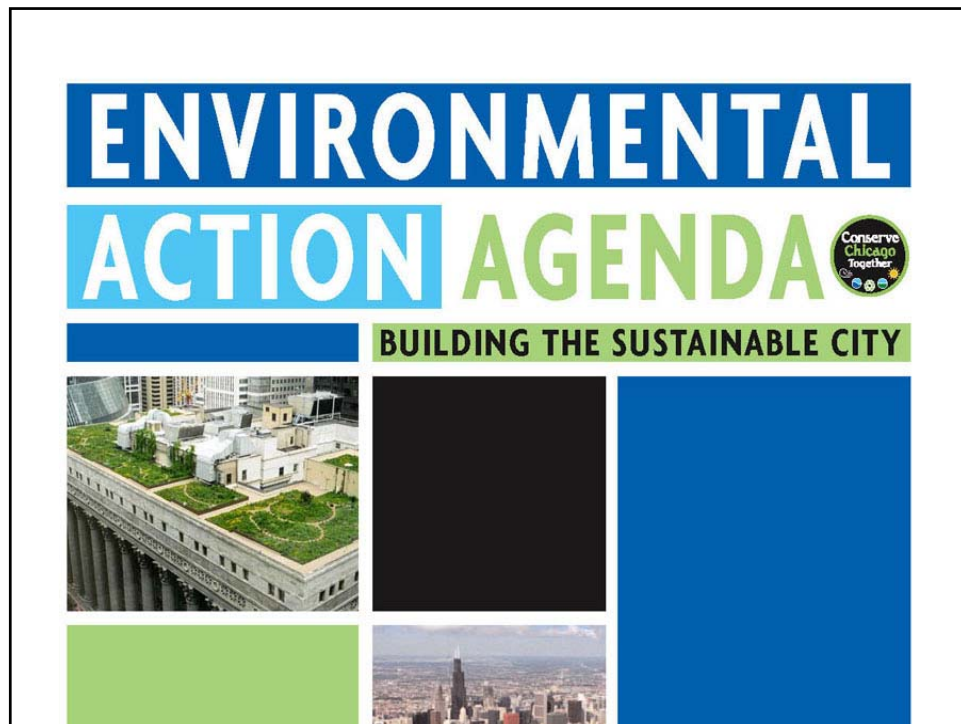
Richard M. Daley Mayor















Department of Planning and Development Building Green/Green Roof Matrix

Department of Planning and Development James M. Cougle, Commissioner	Public Assistance						No Public Assistance	
	(RFP Organized Sale w/Lead Write Down)	(Empowerment Zone Grant)	(Industrial Dev. Rev. Bonds)	(Economic Zone Tax Bonds)	(Financial Development) (Subsistence Promotion Ordinance Development)		Project Type	
	(TIF)	(DOB)	(Break Participation Lease)	(Class 1)	(SRD)	(Class 6)		
Residential	Energy Star Certification and LEED-Certified Building							
Market Rate SF, TIF, Multi-unit (< 4 units)	50% Green Roof and Energy Star Certification and LEED-Certified Building*							
> 20% Affordable Units or CPAN	DOH Green Criteria							
Healthcare								
Hospitals	50% Green Roof and 25% Green Roof and LEED-Certified Building*							
Community Centers and Schools**								
Industrial	10% Green Roof and Energy Star Roof and LEED-Certified Building*							
Commercial								
Roofed over 10,000 square feet (Exempt)***	75% Green Roof and 50% Green Roof and LEED-Certified Building*							
Roofed under 10,000 square feet (Exempt)	25% Green Roof and LEED-Certified Building*							
Office over 80 feet	100% Green Roof							
Office under 80 feet	50% Green Roof and Energy Star Roof and LEED-Certified Building*							

NOTE: All projects being reviewed by the Department of Planning and Development are encouraged to use storm water best management practices, LEED and Energy Star building standards and residential green building standards where applicable.

A 50% green roof and LEED certification will be required for all public projects except Community Centers and Schools.
LEED certification plus a 10% green roof or a 25% green roof will be required for Public Community Centers and Schools.
Community Centers and Schools will also focus on indoor air quality and daylighting.

* Remainder of roof must meet Energy Star level for reflectivity.

** Church buildings serving multiple purposes will be considered a community center.

*** Rain-off coefficient value reduction will be required for high-rise mixed projects over 100,000 square feet.

Legend:

ST = Single Family

TIF = Tax Increment

RFP = Request for Proposals

TIF = Tax Increment Financing

SRD = Small Business Improvement Fund

DOB = Department of Housing

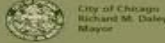
CPAN = Chicago Partnership for Affordable Neighborhoods

Green Permit Program

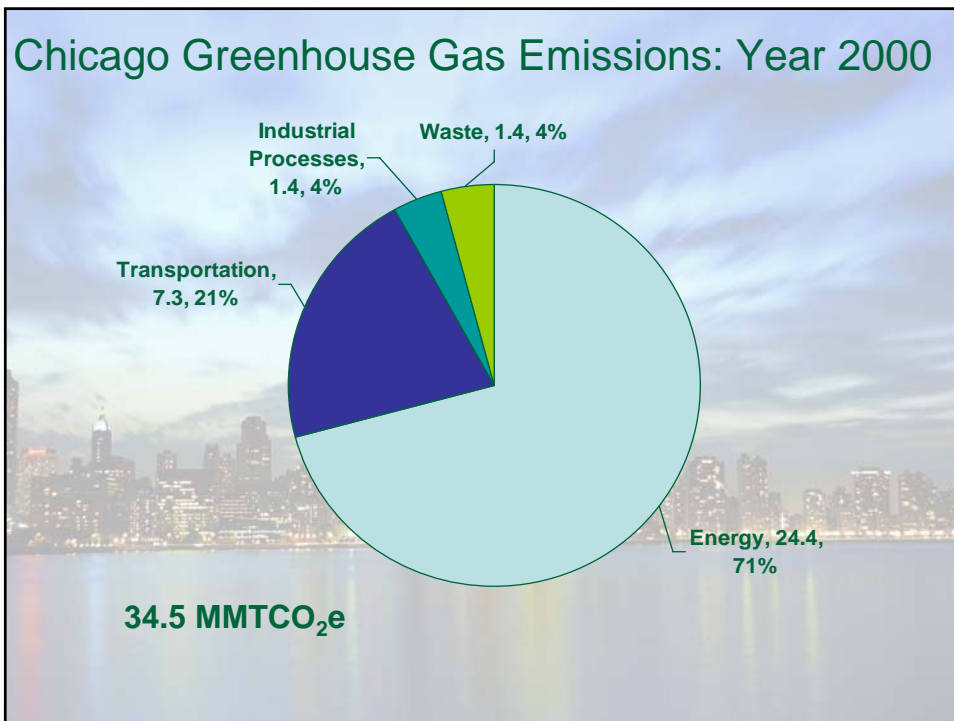
City of Chicago
Richard M. Daley
Mayor



Green Permit Program



City of Chicago
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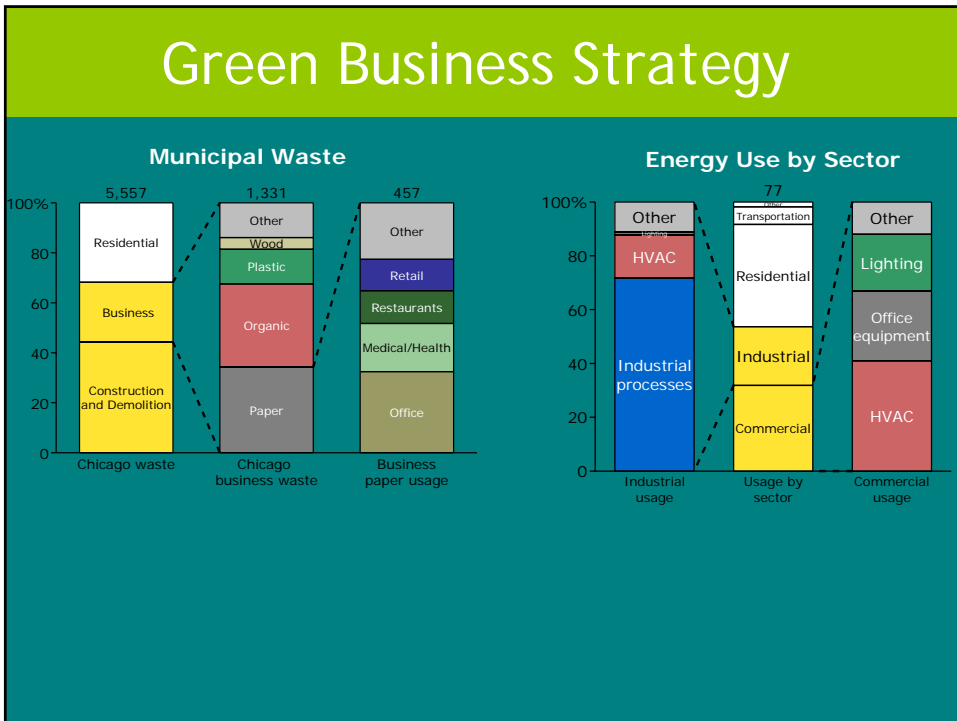






Thank You

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Green Business Strategy

	Description	Approach
Advanced	<ul style="list-style-type: none"> • Have self-directed and self-financed environmental initiatives 	<ul style="list-style-type: none"> • Publicly recognize efforts • Use as models/educators for other businesses
Progressive	<ul style="list-style-type: none"> • Recognize the value of new ways to operate their business, but have yet to make a meaningful commitment to environmental initiatives 	<ul style="list-style-type: none"> • Provide turn-key programs
Struggling	<ul style="list-style-type: none"> • Debate the value of making changes and have not yet made a meaningful commitment to environmental improvements 	<ul style="list-style-type: none"> • Educate regarding value of change • Provide turn-key programs
Disengaged	<ul style="list-style-type: none"> • Rarely consider strategies for long term sustainability and are much less open to environmental initiatives 	<ul style="list-style-type: none"> • Conserve resources for the engaged businesses