Chicago "Urbs in Horto"

Green City
Green Mayor
Sustainable Urban Policy

Rail-Volution 2005 National Conference, Salt Lake City
Planning from the Start: 1909 Burnham Plan

- Parks & Lakefront Enhancement
- Transportation Improvements
Chicago Going Green

Comprehensive Policy
Chicago Going Green

Leading by Example
Chicago Going Green

Why Green?
Mayor Daley's vision of making Chicago the greenest city in the nation is about providing healthy air and water, being wise in our energy use, and conserving resources.
But it's also about increasing Chicago's competitive edge: making the city a place where people want to come live, visit and start their businesses.
Comprehensive Green Policy

Energy Management

Water Conservation

Air Quality

Land Use

...at peace with your environment...
Chicago Energy Conservation Code

- One of the 1st Municipal Energy Codes in U.S.
- Standards for New and Renovated Buildings
- 3,000 Building Professionals Trained
Comprehensive Green Policy

Energy Management

Water Conservation

Air Quality

Land Use

...at peace with your environment...
Encourage green infrastructure

- Reduce pollution that flows into waterways
- Reduce stormwater runoff
Water Management

- 5 year, $620m Improvement plan
- Replace 50 miles of leaking water

Savings of 160m gallons per day
Comprehensive Green Policy

Energy Management

Water Conservation

Air Quality

Land Preservation

...at peace with your environment...
Air Quality

Chicago Makes it Easy to Breathe

- Partnerships for Clean Air
- Alternative Modes of Transportation
- Planting Trees
Air Quality

Over 400,000 Trees Planted

Each Year:

- 120,000 lbs of O\(_2\) is produced
- 180,000 lbs of CO\(_2\) is removed
- Particulate matter of 31,000 vehicles is removed
Air Quality

Alternative Fuel Program

Fleet Management
- 100 CNG vehicles
- 195 Ethanol vehicles
- 45 hybrid sedans
- 2,015 Ultra-low-sulfur diesel
Comprehensive Green Policy

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Land Use

...at peace with your environment...
Land Use

Private Sector Follows

- 42 LEED buildings
- 155 green roof projects
Land Use

- Encourages parking reduction near transit
- Establishes design criteria for “Pedestrian” streets
- Requires increased bike Storage
- Encourages TOD
• Cars on a street
• People in Cars
• People on a bus
Planning for Downtown

The Chicago Central Area Plan: 2020
Planning for Downtown

• Make transit the first choice
• Encourage alternate modes
• Improve the quality of the pedestrian environment
• Increase parks and open spaces
Planning for Downtown

*Improved Transit*
Planning for Downtown

Green Streets
Planning for Downtown
Planning for Downtown
Planning for Downtown
Parks & Plazas

Planning for Downtown

[Images of people enjoying water features in a downtown area]
Planning for Downtown
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