

# Renovation of the Center for Neighborhood Technology

Chicago, IL

# Center for Neighborhood Technology (CNT)

- Based in Chicago
- Established in 1978
- Promote sustainable development in local communities and across the country
- Signature approach called “Hidden Assets”

# CNT Renovation

- Move into an 80-year-old textile factory building in 1987 in Northwest of Chicago
- Outgrow the building by 2000
- Decided to renovate the building with Platinum LEED rating

# Renovation Concept and Design

- Uncover the hidden assets in existing building
- The main concept is to increase occupancy capacity without adding building mass or height
- Modify existing building to be sustainable for future use
- Creative use of space, light, color, textures and contrast
- Resource-conserving design, installation of systems to reduce peak demand for utilities

# Major Sustainable Features

## Site Sustainability

- 90% of the building structure was reused
- Location close to Chicago train station
- Large capacity bike garage
- Light-colored rooftop
- Storm water management

# Major Sustainable Features

## Energy Management

- Alternative energy resource (solar panel, wind energy)
- Energy Star ® appliances
- Occupancy sensor and zone control
- Maximum insulation

# Major Sustainable Features Innovation

- Ice storage tank cooling system
- Innovative bike storage system
- Multiple dimming option light fixtures