Chicago Southland’s Green TIME Zone:
(Green Transit, Intermodal, Manufacturing Environment Zone)

A Core Element of the Southland Vision 2020 for Sustainable Development
Southland Vision 2020: Green TIME Zone Strategic Overview

- **Transit**
  - Transit-Oriented Development (TOD)
  - Green Corridors Program
  - Ongoing Planning
    - Inter-Municipal Cooperation
    - Shovel-Ready Fund
    - Coordinated Zoning
    - Workforce Development

- **Intermodal**
  - Cargo-Oriented Development (COD)
  - Logistics Park Calumet & Sister Developments
  - Railroad Investments
    - Shovel-Ready Fund
    - Road Improvements
    - Environmental Remediation
    - Customs Inspection Station
    - Foreign Trade Zone

- **Manufacturing**
  - Green Manufacturing
  - Calumet Manufacturing Center
  - Regional Supplier Program
    - R&D Support
    - Production Capacity Support
    - Alternative Energy Production
    - Workforce Development
    - International Marketing

- **Sustainable Business & Development Center**
- **Interstate Partnership**
Transit-Oriented Development (TOD)
Much TOD Planning Completed or Underway

- Station Area TOD Plan
  - RTA Plan Completed
  - RTA Planning Underway
  - Other Plan
    - No Plan Exists
- Metra Electric
- Rock Island District
- South Shore Line
- Southwest Service
- Proposed Southeast Service
- SSMMA Service Area
- Expressway
- State or Local Highway

Map showing various locations and rail systems with markers indicating TOD planning status.
Neighborhood Stabilization Program Focus on TOD
Complementary TOD and COD Corridors
Cargo-Oriented Development (COD)
Freight Facilities are Major Job Anchors

Job Creation in Freight Zones

- Railroads: 37,000
- Trucking: 50,000
- Freight Centers: 553,000

> 3,000 acres of potential COD sites in the Green TIME Zone
> 1,000 of acres in Potential COD sites in the inner ring of Logistics Park Calumet, industrial core of the Green TIME Zone
Net Benefits

- 13,451 in potential new jobs
- $2.3 billion in new income
- $133 million in local tax revenue over ten year period
- 2.43 million truck miles avoided per year
- $28.3 million in additional net income
- 192 million vehicle miles avoided
- 110,307 metric tons of CO2 emissions avoided per year
GTZ Potential Depends on Green Manufacturing
Calumet Manufacturing Center

- Regional Supplier Program
- Production Capacity Support
- R & D, Prototype Development
- Alternative Energy Production
- Workforce Development
- International Marketing, New Green Business Attraction
National Railway Equipment
Company Innovations

N-Viromotive Product Line:
• >80% Reduction in NOX & PMs
• 40% to 70% Gain in Fuel Efficiency
• Ultra Quiet Locomotive Operations
High Speed Rail Locomotive Under Development
Windmill Component Suppliers: Funk Linko, LB Steel and Tempest
Advanced
Mid-Size Wind
Turbine Technology

[Image of wind turbine]
The Tempest Ariel™ Series Wind Turbines

✓ EFFICIENT
✓ COMPACT
✓ QUIET
✓ RELIABLE

Patent pending # 61317-227
Sustainable Wind Turbine Technologies
for Sustainable Job Creation in Illinois
and the United States

Proudly Designed & Manufactured in USA

American Wind Energy Association Member

Windpower 2009 Conference + Exhibition
Chicago May 4-7
Mi-Jack Green Innovations

- Pathfinder Terminal Management System
- Cargo Blanket
- Electric Intermodal Lift Cranes
- Lithium Battery Exploration
Green Manufacturing Requirements

• Capital Equipment Investments

• Research & Development:
  • Prototype Development
  • Local Innovations of New Technologies

• New Business Locations in the Green TIME Zone Cluster
Integrated Green Opportunities

Chicago Southland's Green TIME Zone

I-80 bisects the Green Zone, giving it enviable access to markets throughout the United States.

The Green Zone's freight carriers and Metra corridors share tracks and could catalyze job growth near mass transit.

Dozens of COD sites make up the I-80 East Logistics Corridor.

Two intermodal yards of Logistics Park Calumet offer international trade access and anchor COD opportunities.

Class I and short line railroads provide the Green Zone with dozens of sites directly served by rail.

Metra's proposed SouthEast Service will add 9 new commuter stations to the Zone.