

**IPRO 350**

**SEED**

**ILLINOIS INSTITUTE OF TECHNOLOGY**  
sustainable entrepreneurial economic development<sub>IPRO350</sub>

Preserving the atmosphere and the resources that make up Coal City's history gives the Village a link to its past and helps guide them to the future

# **Project Definition:**

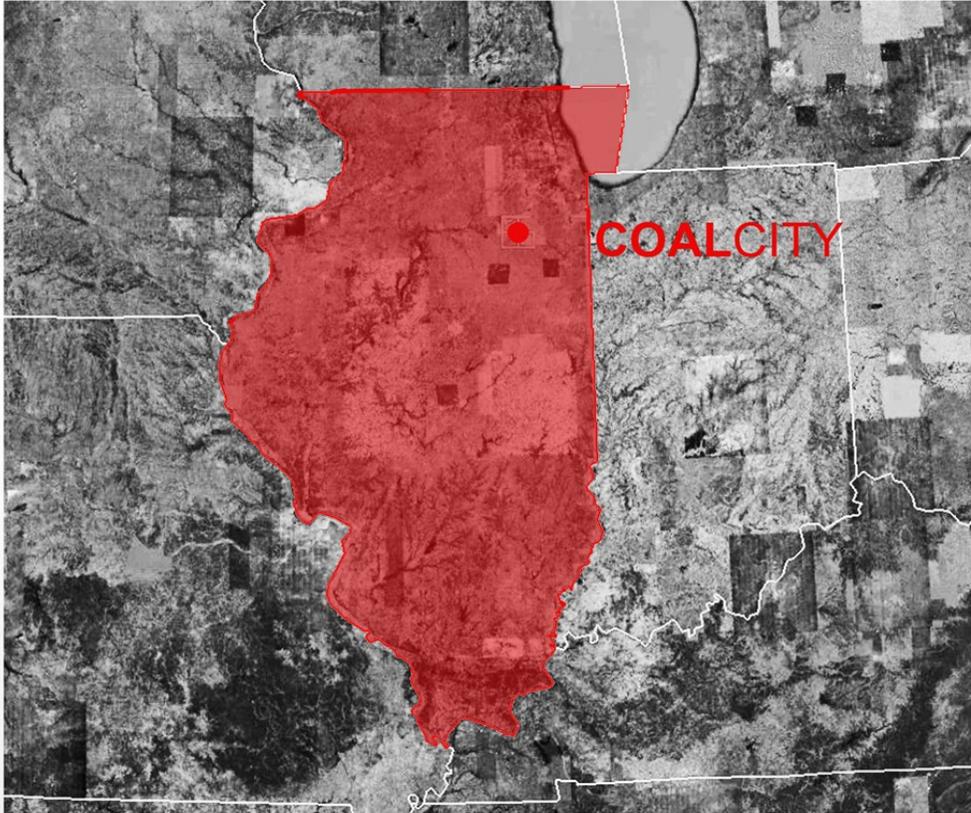
To Evaluate Potentials for Sustainable Economic Development in Small Towns: Case of SEED feasibility Study for Coal City.



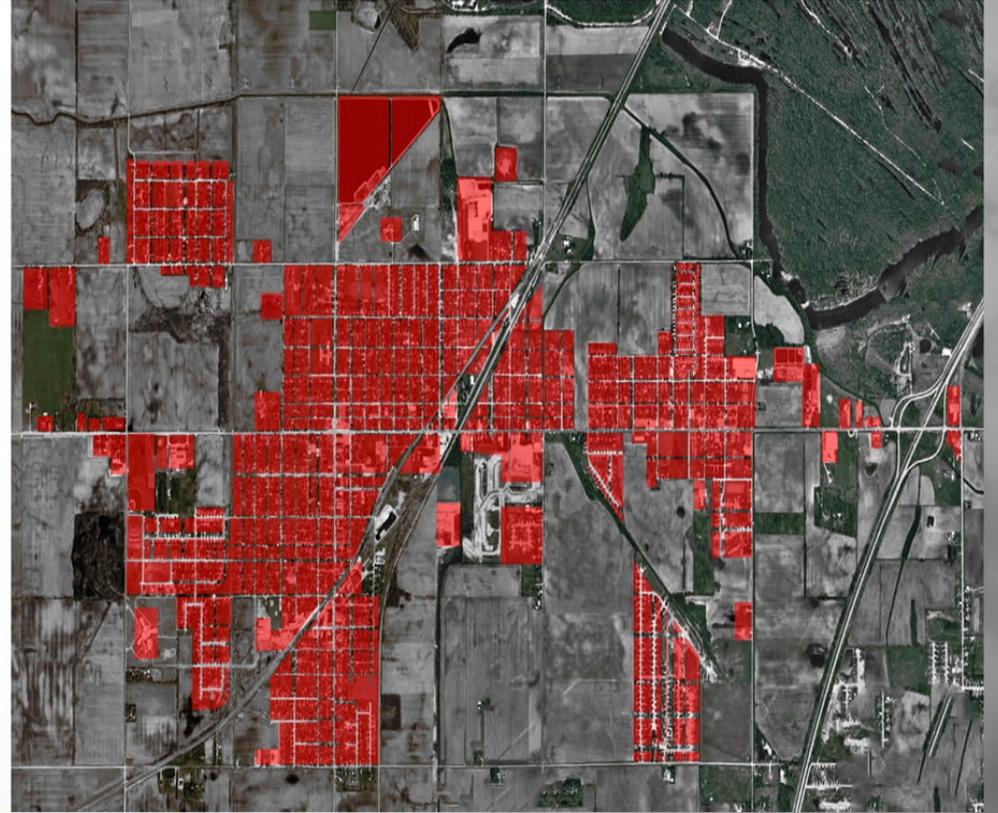
# Background: Coal City

- Small town community
  - Population: 5,777
- Located in Grundy County
- Mostly employed in construction industry
- Largest Employer: D Construction
- Manufacturing: Chicago Aerosol



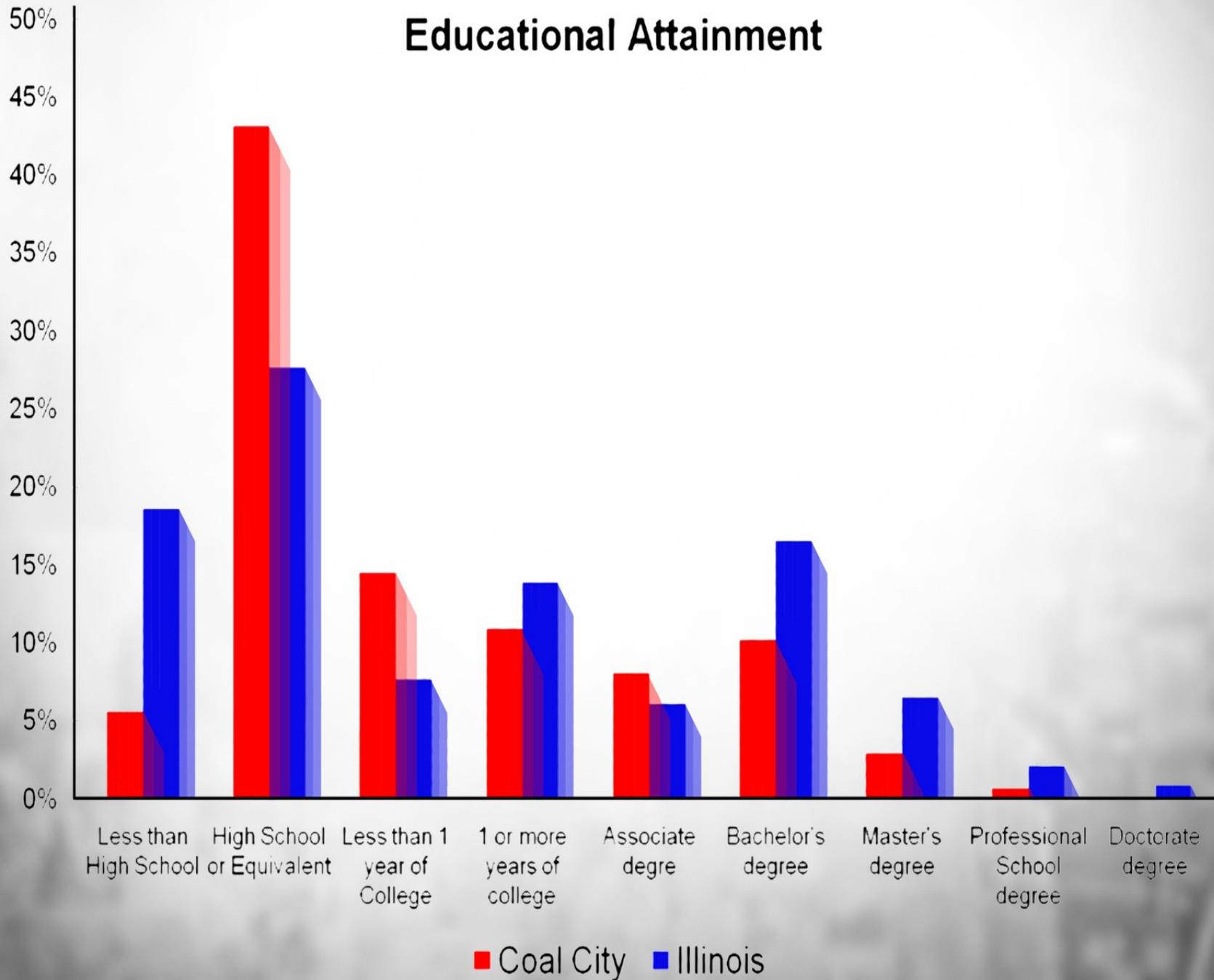


macro

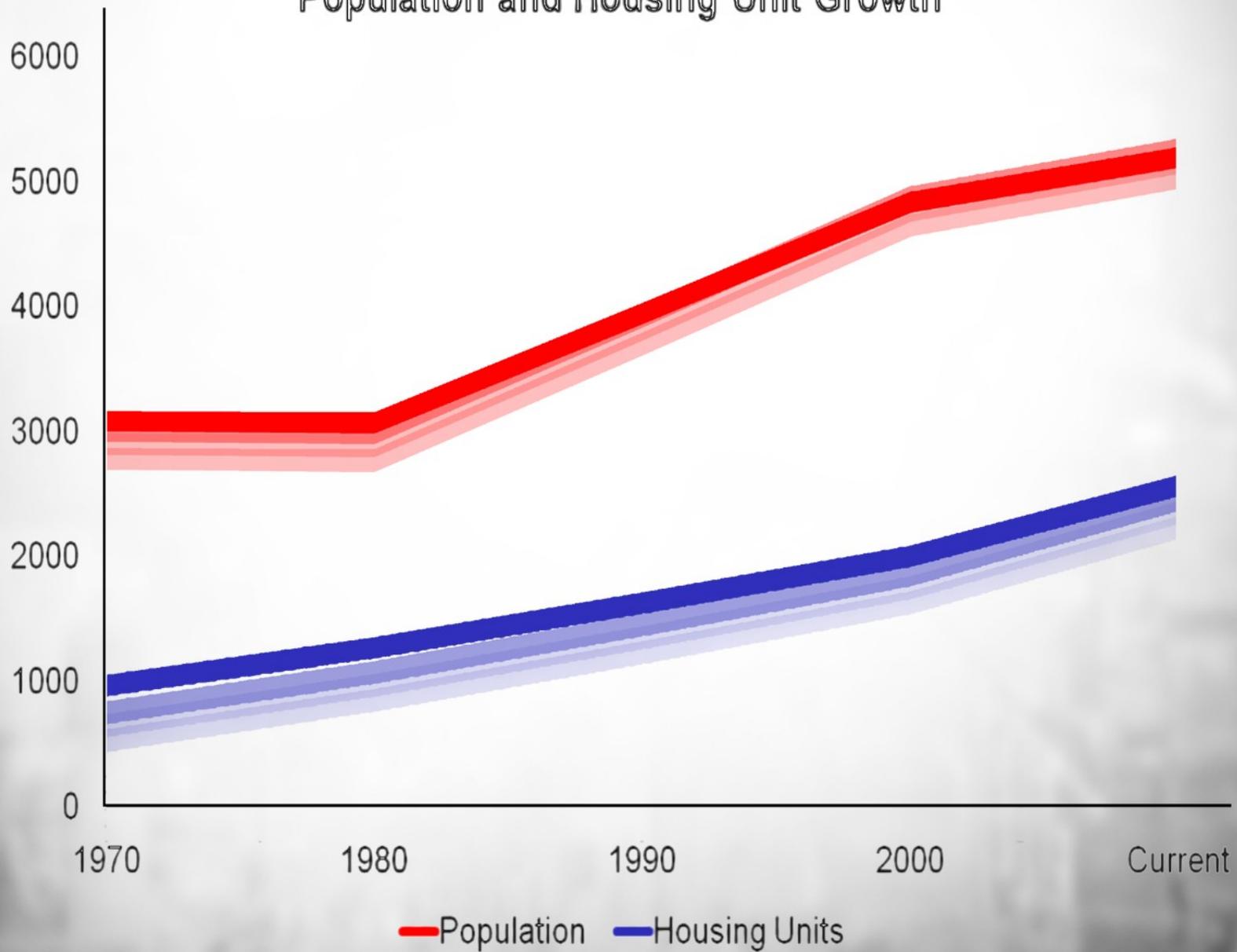


micro

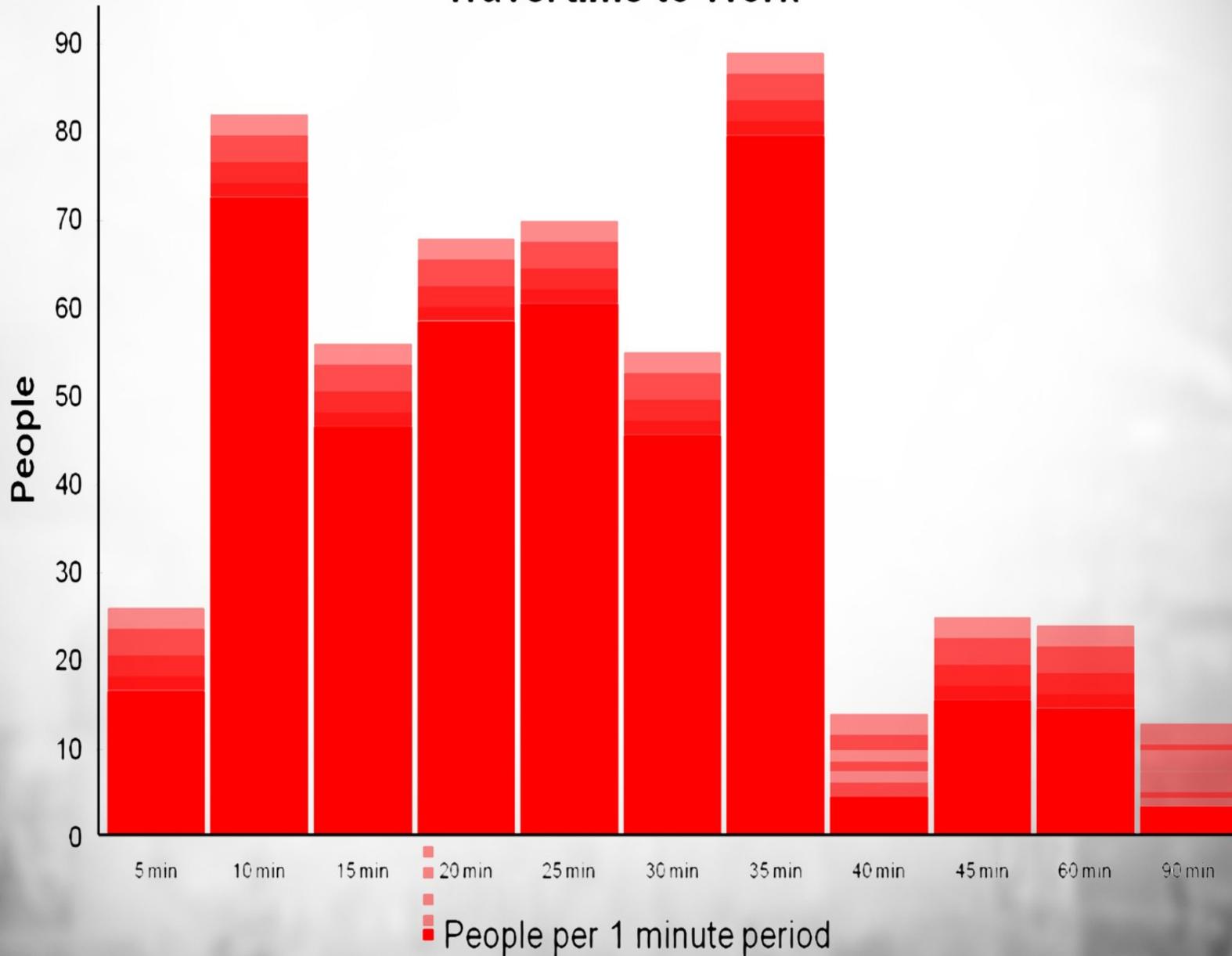
# Educational Attainment



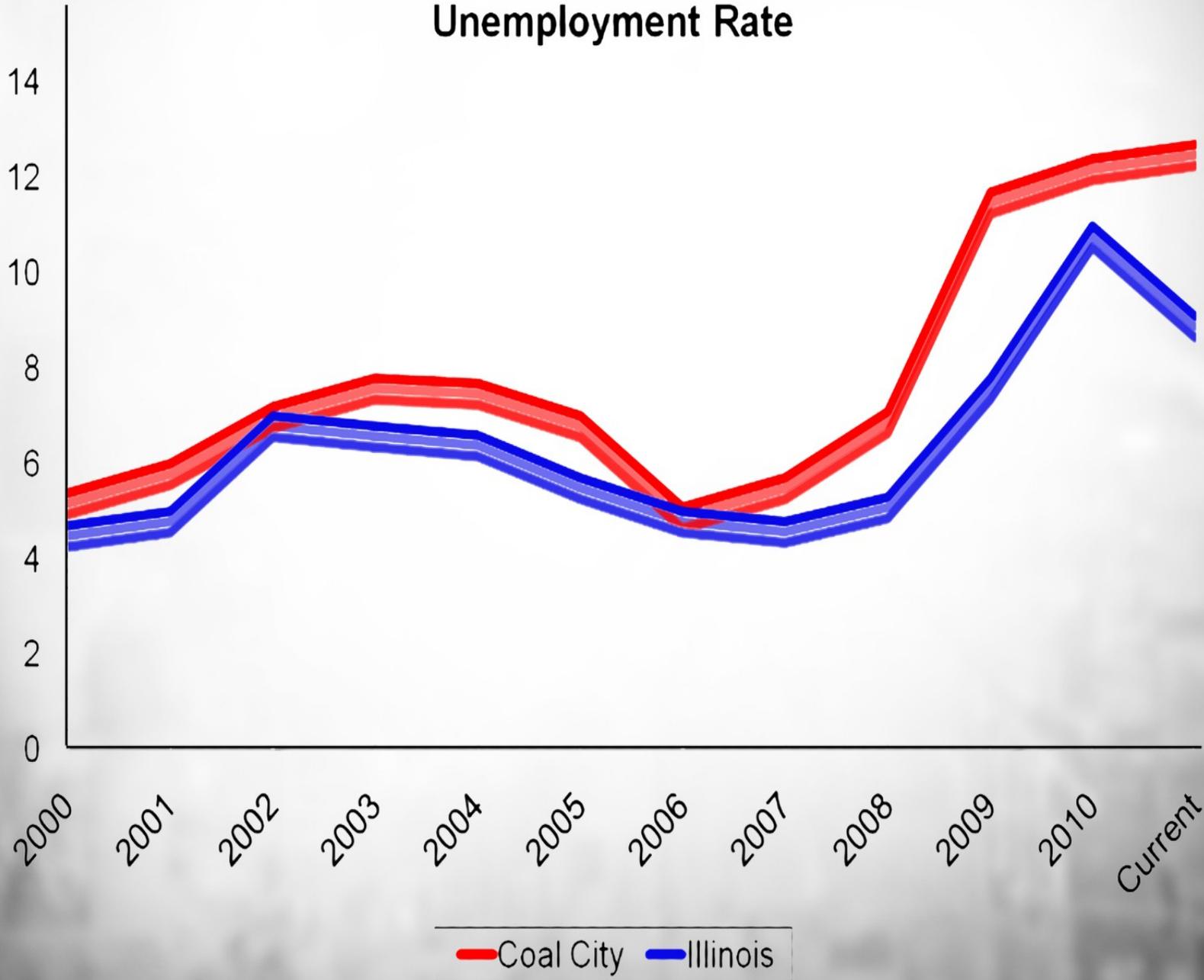
## Population and Housing Unit Growth



## Travel time to Work



# Unemployment Rate





# Project Goals

## A. Improve Quality of Life

1. Urgent Health Care Centre
2. Increase retention rate after graduation
3. Modeling of bike lanes
4. Water Lagoon
5. Improve Transportation

## B. Solve Industrial Issues

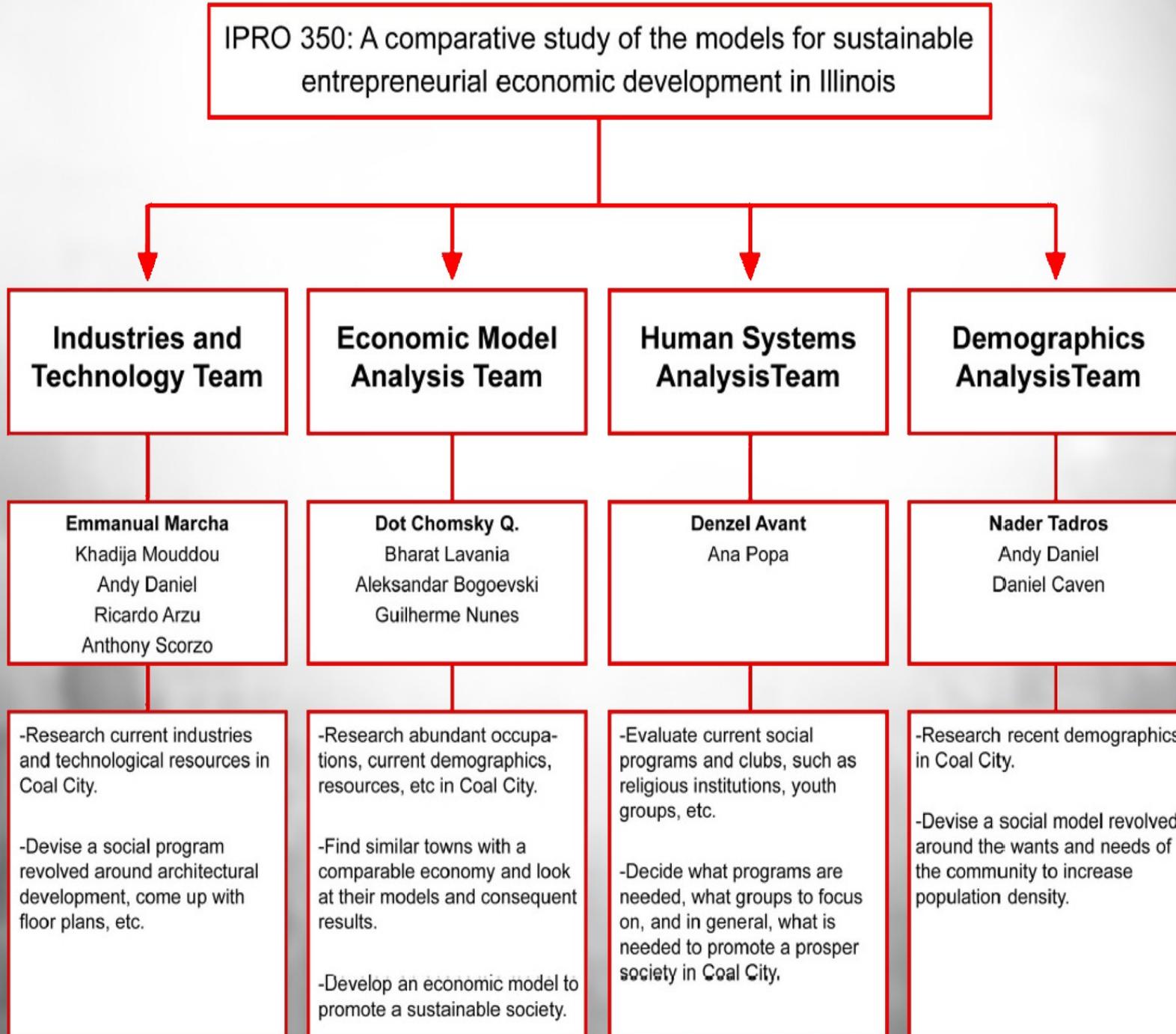
1. Wind farm energy storage
2. Connect Chicago Aerosol to waste treatment
3. Streamline Chicago Aerosol's supply chain



# Challenges

- Small town that wants to stay small
- Very few college educated residents
- Limited amount of resources
- Lack of data regarding Coal City
- Trips to Coal City are far and few
- Lack of interaction with Coal City community

# The Team

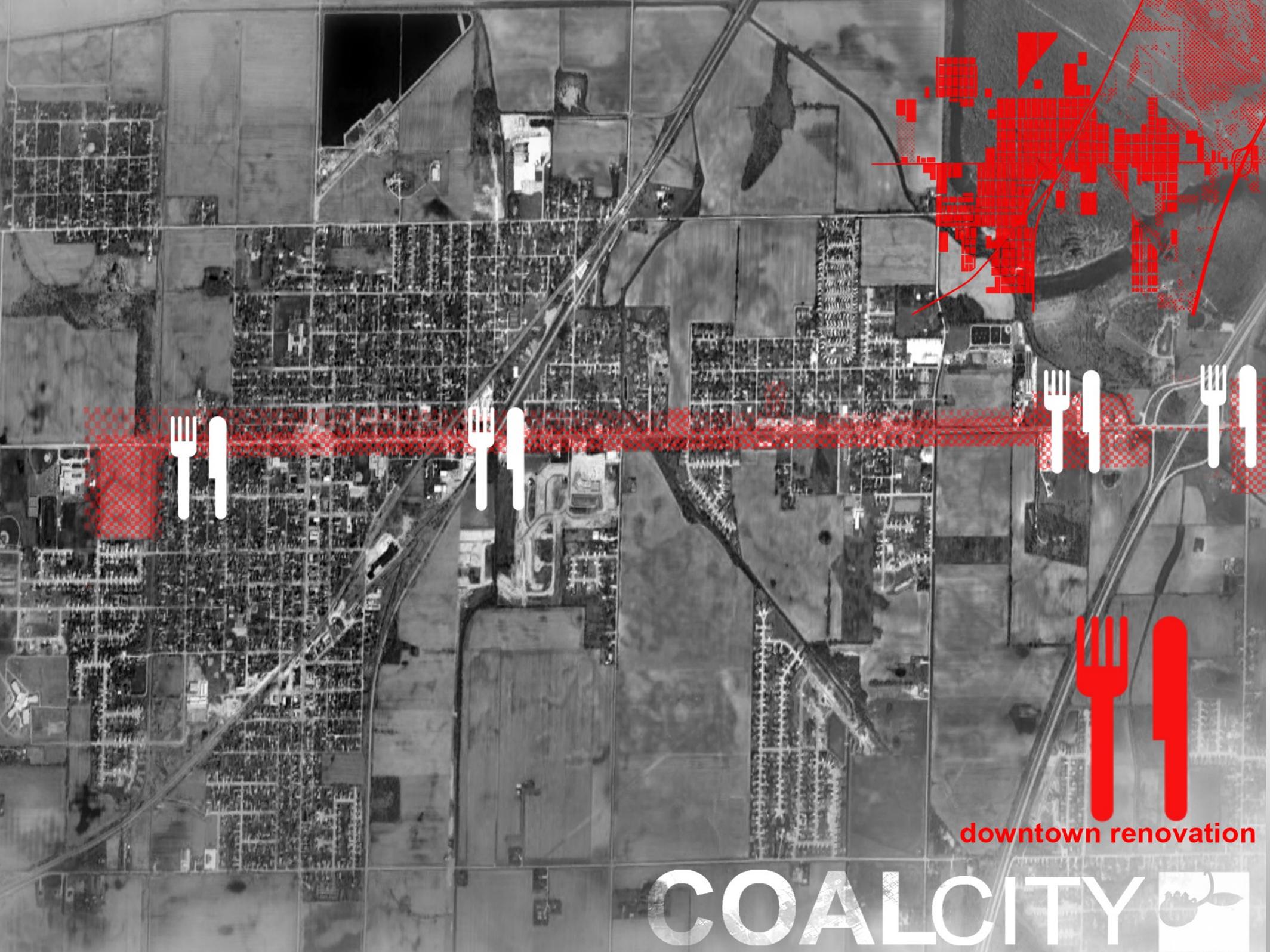




analysis

# COALCITY



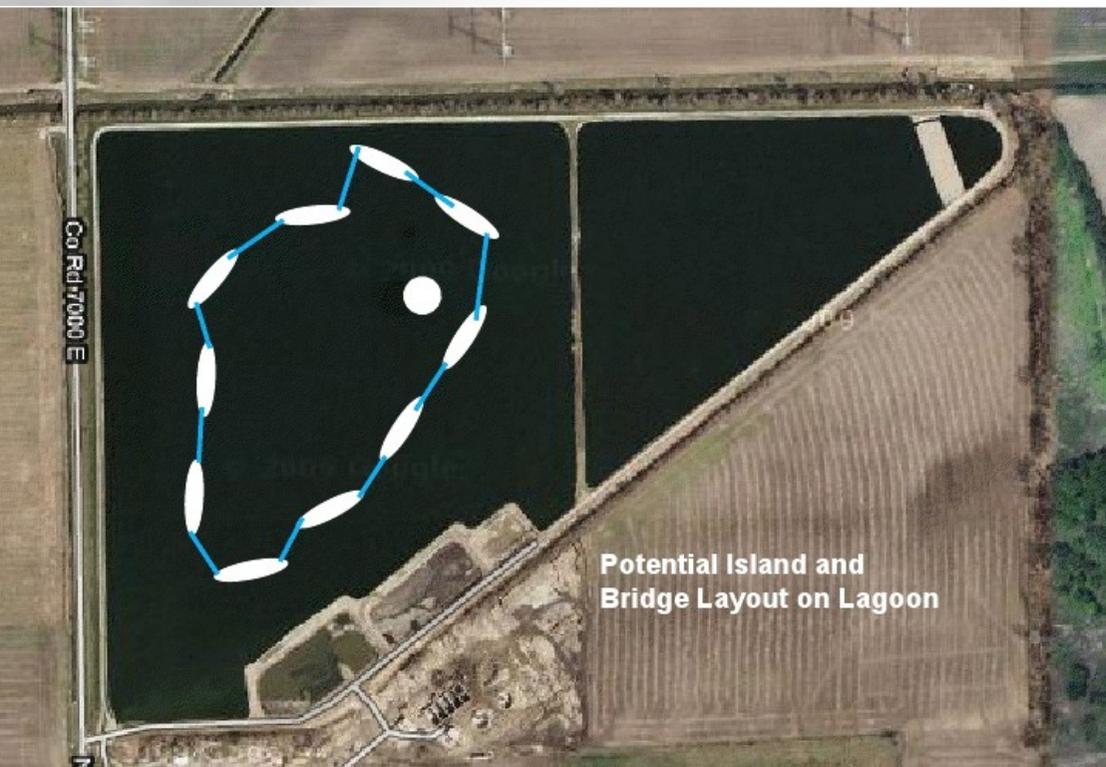
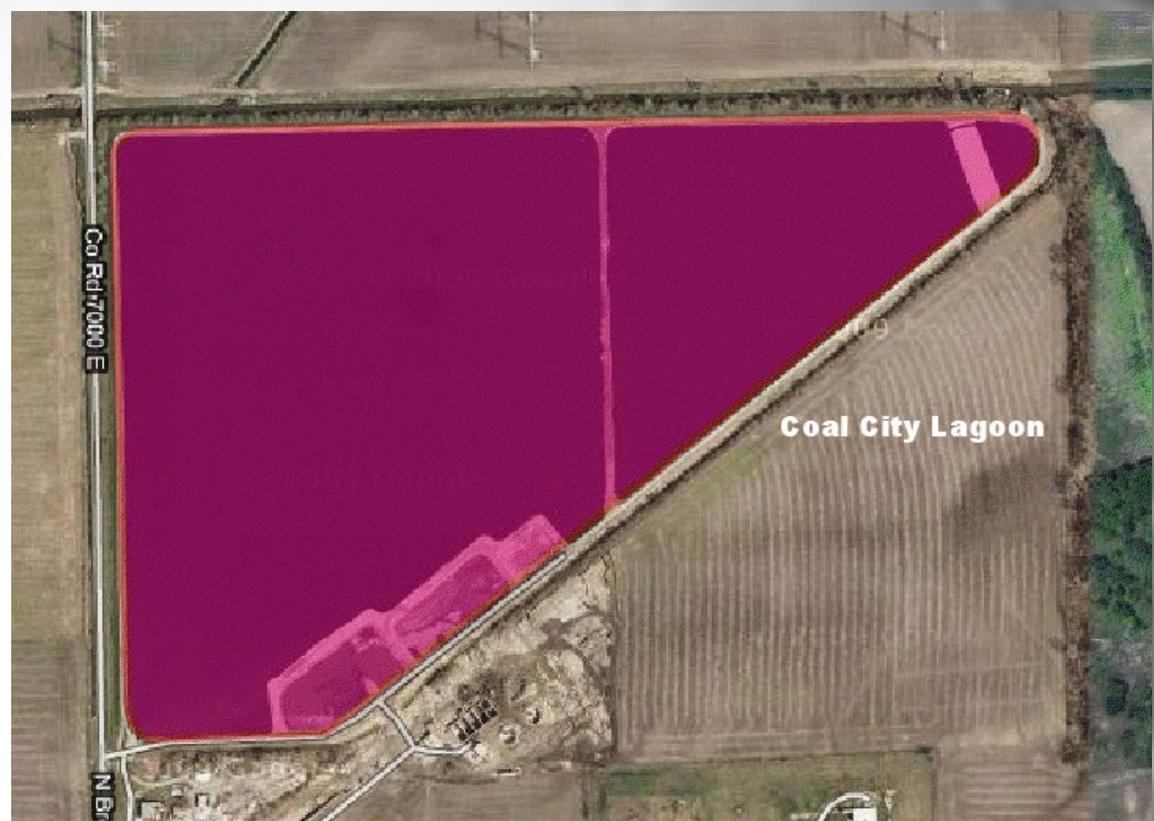


downtown renovation

COALCITY



# Development of Water Lagoon





wildlife preservation

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# Recreational Areas





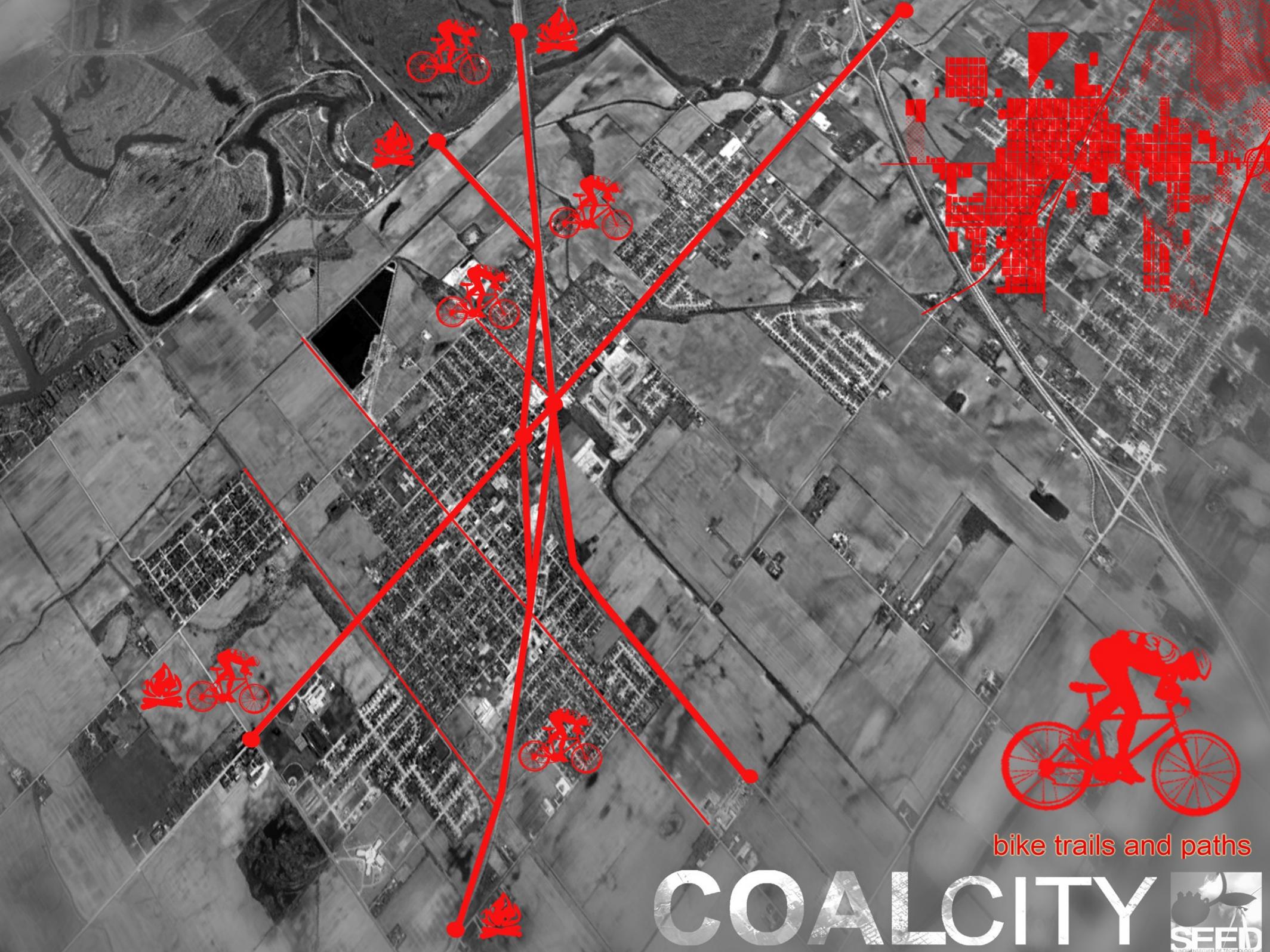


parks and recreation

# COALCITY







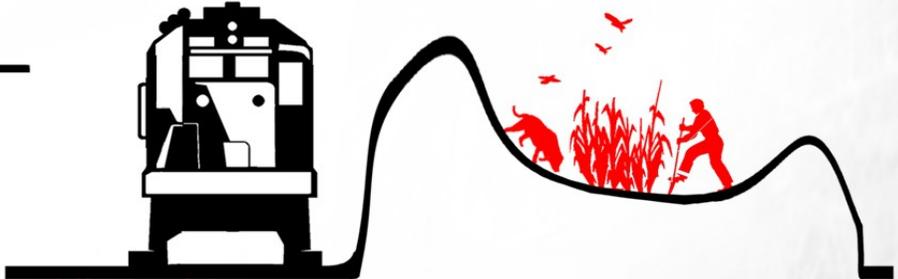
bike trails and paths

COALCITY

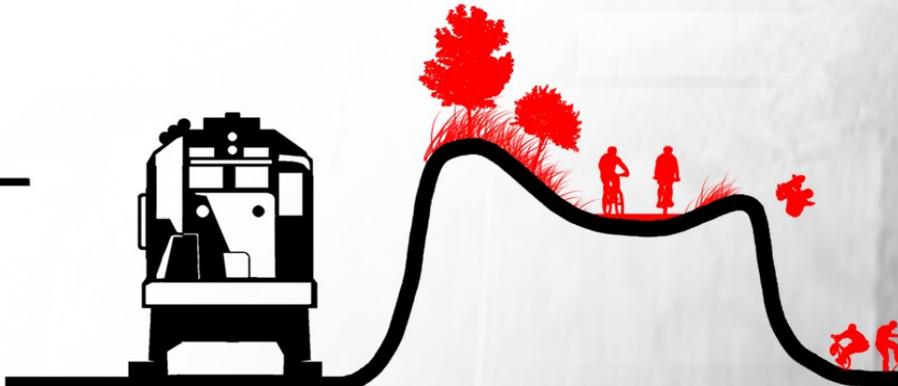




camping



public gardens



recreation and bike trails

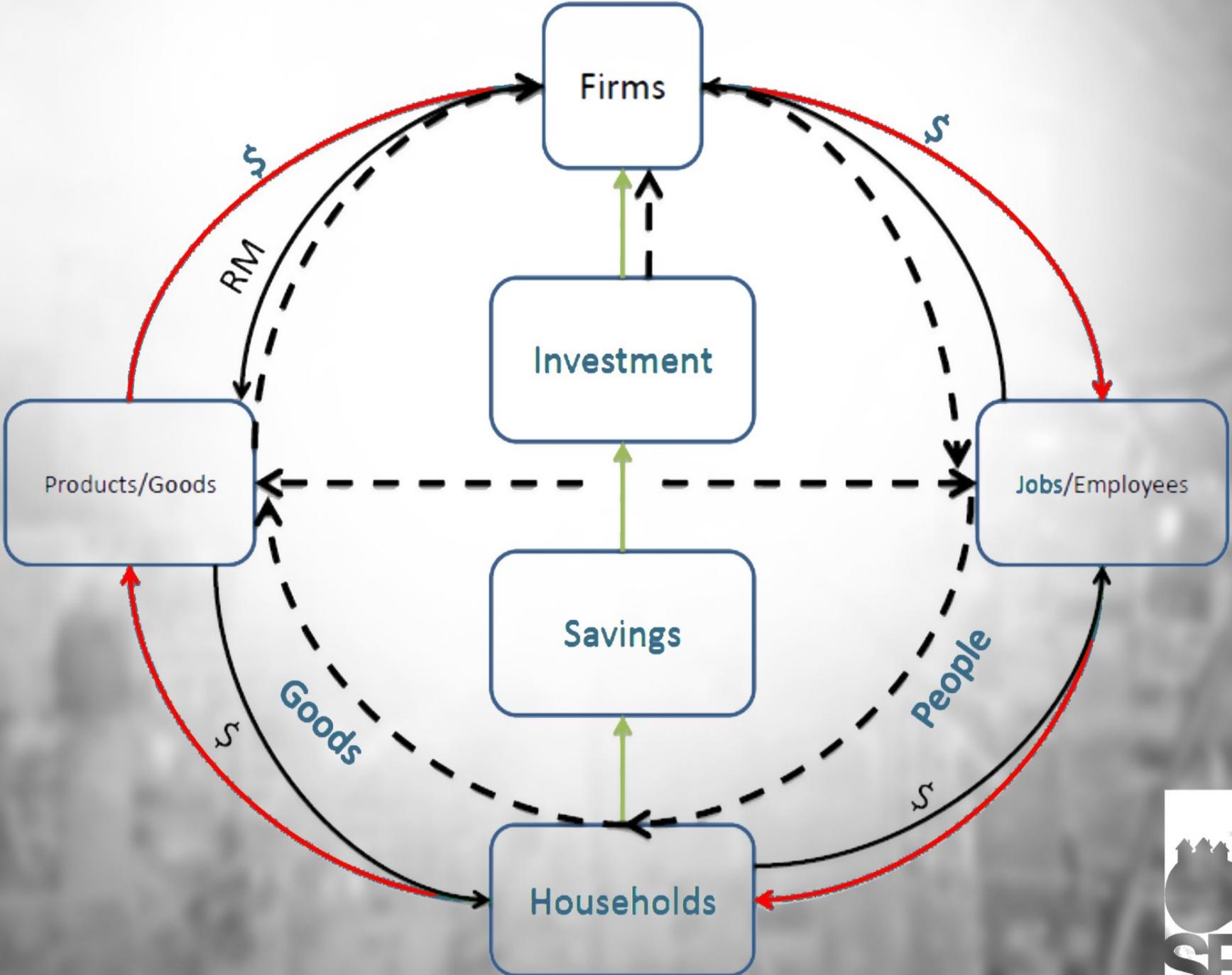


future trails



future traffic

# Economic Development Model



# Future Tasks & Activities

- Issue survey to gauge interest in the ideas generated by our teams
- Hold town hall meeting to discuss ideas generated by Coal City's council
- Detailed analysis of the possible projects for decision making



# Expected Results

- Renovation of Opera House as a Movie Theater
- Central business district will be created
- Proposal for Water Lagoon
- Preserve wildlife and create Recreational Areas
- Execute Clean Energy initiatives
- Proposal for Green Transportation (bike paths)
- Creation of a Museum





# Questions?

