

Regional Decision Maker: Using Online Interactive System for Scenario Planning

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Outline

- What is a scenario planning?
- What are the steps and processes?
- What is the Regional Decision Maker Project?
- How can we use RDM for scenarios
 - Economic Development
 - Transportation Corridor Development
- Future Aspects of RDM
- Q & A

Scenario Planning

- Possible pathways for the region
- Ways to assess future or options
- Educational process to engage the citizens and
decision makers
- It's not a plan! But an aid to the planning process!
- Scenario planning may use desktop or web-based tools

Steps and Processes

- Identify boundaries
- Identify evaluation criteria
- Develop performance measures and tools for assessment
- Develop and assess scenarios/alternatives
- Select the preferred scenario

- Scenario planning has been used in transportation planning for long
- Alternative layout of corridors, build/no-build options are examples
- Scenario planning in regional economic development?

EDA University Center, 2011-2016

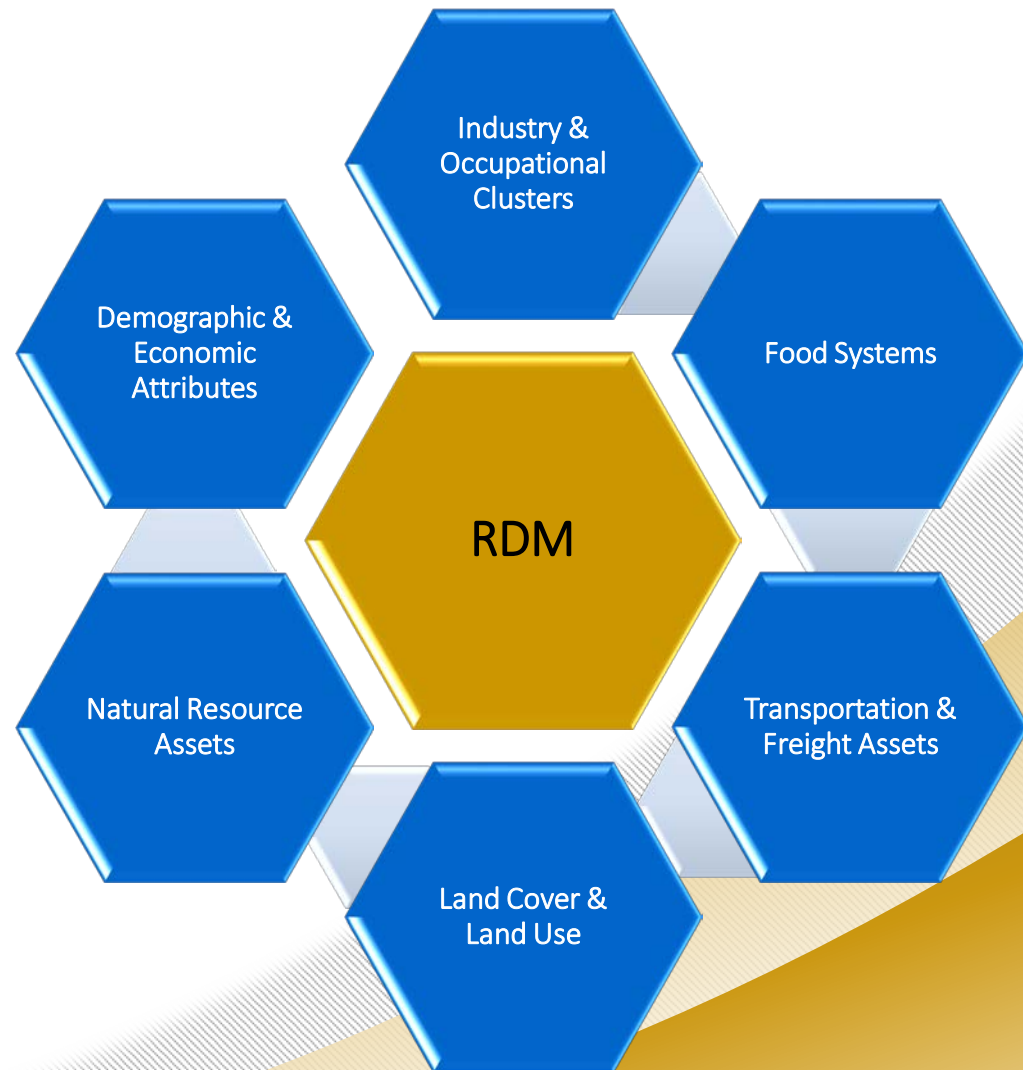
EDA 5-year grant includes significant inputs from the Regional Decision Maker team and will require some new directions and tools to be developed, for example:



- Capacity for custom regional aggregation
- Additional data to support entrepreneurship and innovation support networks
- Connect land use, transportation and natural resources to clusters to enhance identification of distribution, value- and supply-chain opportunities
- Training for “Indiana Association of Regional Councils” members

Regional Decision Maker

- Designed to help in regional planning
- Offers a variety of GIS-based tools
- Framework to engage decision makers and citizens
- Customizable framework



Regional Decision Maker

Industry & Occupation Clusters
 Regional Planning Decision Support Tools

Industry clusters summary

Draw Polygon

Clear

Submit

Help

Layer list

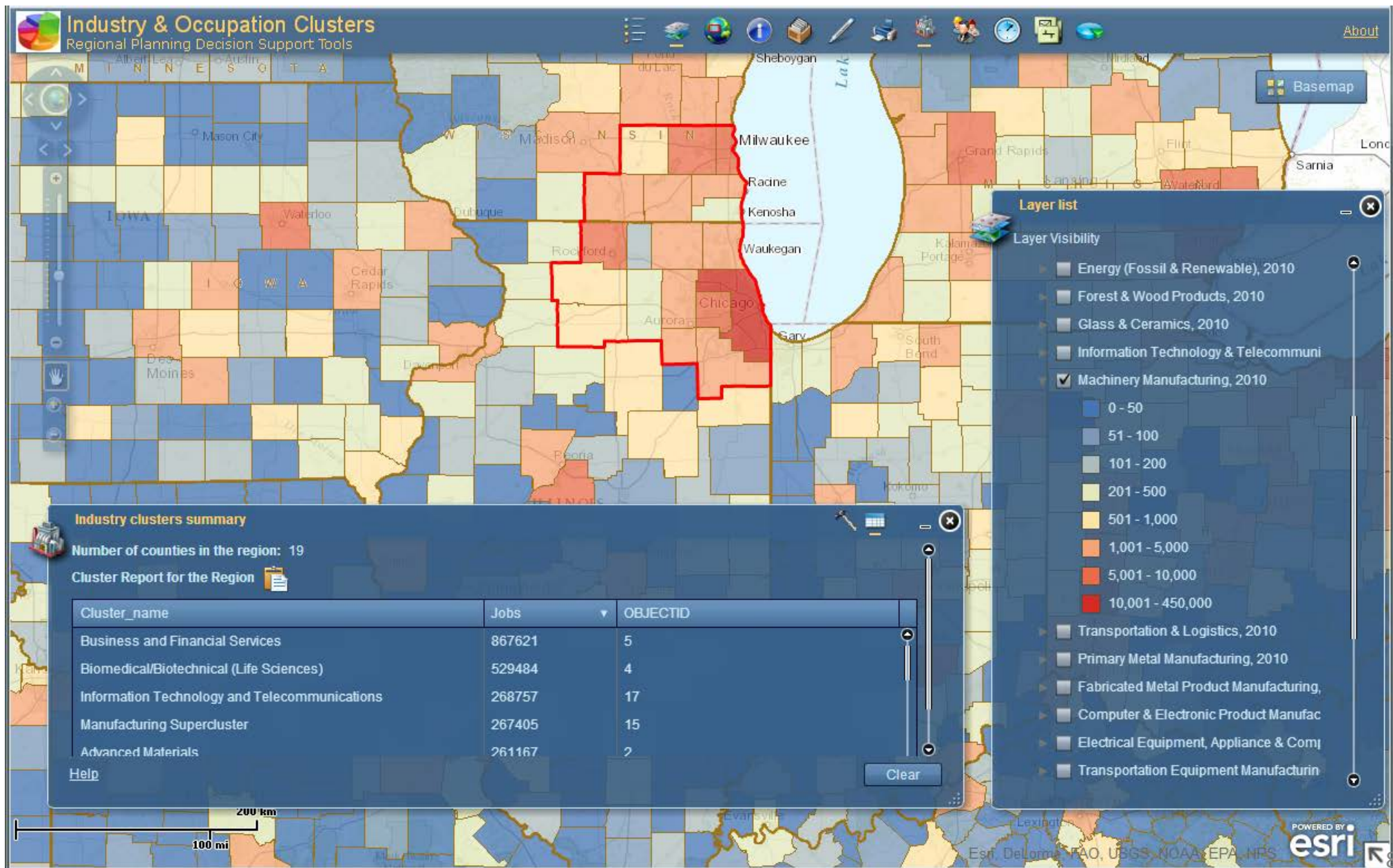
Layer Visibility

- Occupation clusters (job density)
- Industry clusters, jobs**
 - Agribusiness, Food Processing & Techn
 - Advanced materials, 2010
 - Apparel & Textiles, 2010
 - Arts, Entertainment, Recreation & Visitor
 - Biomedical & Biotechnical (Life Science
 - Business and finance, 2010
 - Chemicals & Chemical Based Products
 - Defense & Security, 2010
 - Education & Knowledge Creation, 2010
 - Energy (Fossil & Renewable), 2010
 - Forest & Wood Products, 2010
 - Glass & Ceramics, 2010
 - Information Technology & Telecommuni
 - Machinery Manufacturing, 2010
 - Transportation & Logistics, 2010
 - Primary Metal Manufacturing, 2010
 - Fabricated Metal Product Manufacturing,

100 mi 200 km

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Regional Decision Maker



Regional Decision Maker

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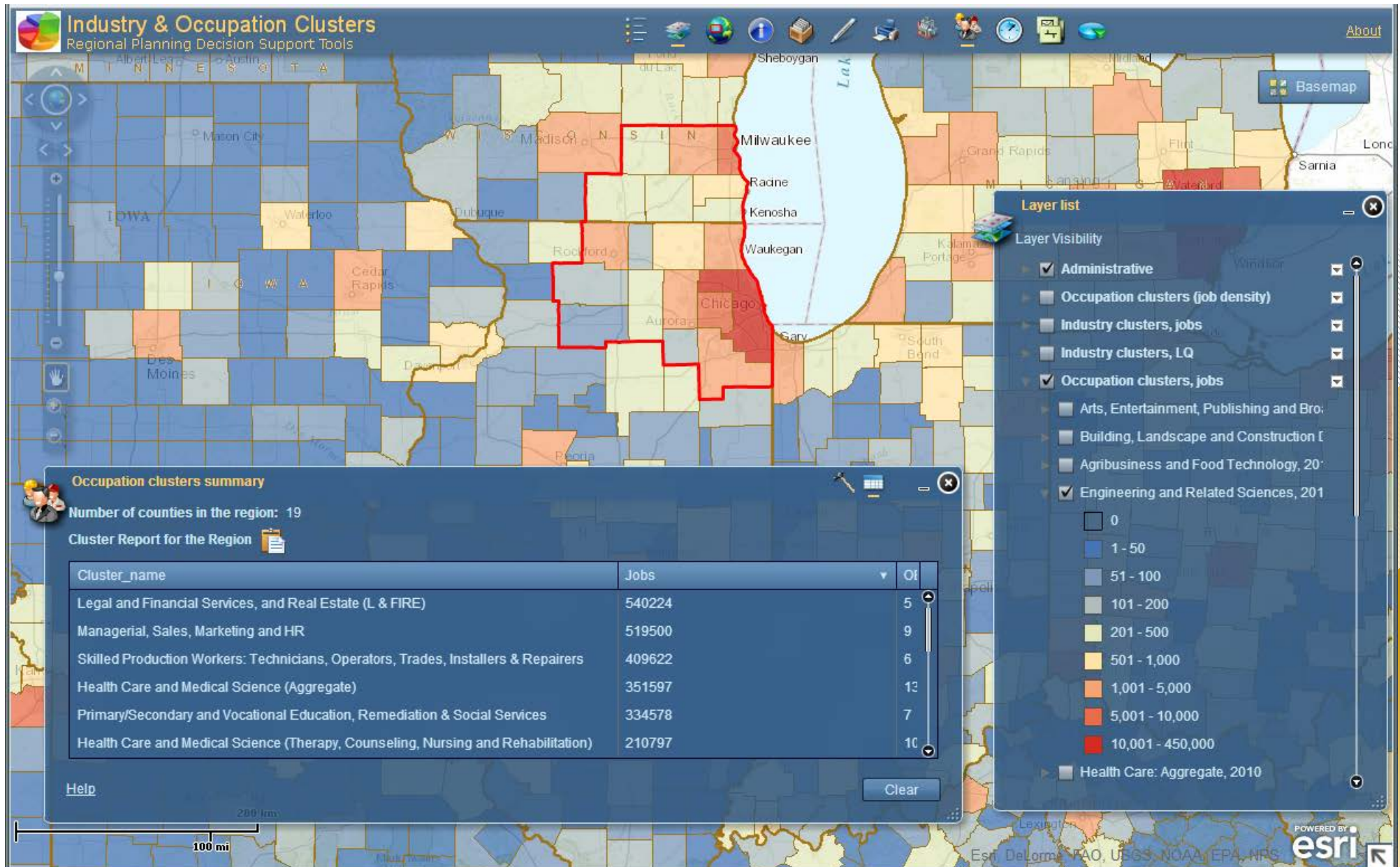
Layer Visibility

- Building, Landscape and Construction I
- Agribusiness and Food Technology, 20
- Engineering and Related Sciences, 201
- Health Care: Aggregate, 2010
- Health Care: Medical Practitioners and S
- Health Care: Medical Technicians, 2010
- Health Care: Therapy, Counseling and f
- Information Technology, 2010
- Legal and Financial Services, and Real
- Managerial, Sales, Marketing and HR, 2
- Mathematics, Statistics, Data and Accou
- Natural Sciences and Environmental Ma
- Personal Services Occupations, 2010
- Postsecondary Education and Knowled
- Primary Education, Remediation & Soci
- Public Safety and Domestic Security, 20
- Skilled Production Workers, 2010
- Occupation clusters, LQ
- Industry clusters, jobs-historic maps

200 km
 100 mi

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Regional Decision Maker



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