Industrial Data & Regional Economic Development: Phase One Findings

Production Value Chain

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<th>Collection</th>
<th>Storage</th>
<th>Aggregation</th>
<th>Analysis</th>
<th>Use</th>
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Regional Competitive Advantage Drivers

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<th>Reliable Connectivity</th>
<th>Firm Development</th>
<th>National Data Policies</th>
<th>Domain Knowledge</th>
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What are Industrial Data?

Data that are obtained by measuring and assessing the performance of industrial equipment in production and operation.

Sources

- Equipment production
- Equipment operation
- Manufacturing and control systems

Uses

- Promote operational reliability
- Develop new firm services & markets
- Promote regional economic development
- Meet sustainability and resilience goals

Strategies for Regional Economic Development

Ensure reliable data connectivity.

Develop university-industry research partnerships to build high-fidelity, advanced, analytical models.

Support upskilling in the regional labor market.

Investigate evolving data agreements in the emerging ecosystem.

Incubate start-ups.

Lead the development of a global governance framework for industrial data.

Emerging Industrial Data Ecosystem

- Legacy industry sectors
- Research institutions
- National policymakers
- Start-up firms
- Regional policymakers
- Industry regulators
- Large tech and automation firms
- Large industrial firms

Georgia Tech Center for Urban Innovation
Georgia Energy Policy and Tech Innovation Center