



Because development choices have consequences for transportation systems, the environment, community life, and fiscal health, governments increasingly face questions about how best to manage and benefit from the interaction between land use and transportation systems. ICF International has the knowledge and experience to help answer the questions often prompted by these choices.

Transportation—How would different transportation investments, or a regional land use plan, affect the transportation system? How can increases in congestion and transport costs be minimized? How can the focus shift from adding capacity to improving access?

Environment—What are the air pollution impacts of alternative growth plans and scenarios? What are the water run-off impacts? Who would be affected, and how?

Quality of life—How will different approaches affect the things that citizens care about? Does access to jobs improve? Access to schools? Proximity to parks and open space? How much of the community is well served by transit? What are the equity implications of different growth strategies?

Community and economic development—How can communities attract the kind of growth that they want? How can communities sustain today’s growth?

Fiscal impacts—What would each future mean for regional budgets?

This series of fact sheets highlights our expertise in Transportation and covers the following topics:

- Commuter Choice and Transportation Demand Management
- Environmental Analysis and Assessment
- Freight Transportation
- Global Climate Change
- Hazardous Materials
- Land Use and Transportation Systems
- Strategic Congestion and Mobility
- Sustainable Development

ICF International’s Experience

ICF helps clients develop alternatives, and evaluate those alternatives against the performance measures that are important to their community. We often combine our in-house analytic tools with those of our clients to better capture the unique characteristics of their communities. Most often, communities face these questions because they are growing. The chart to the right shows the stages of a comprehensive growth management plan development and implementation process. ICF can support you at each step, drawing on our capabilities in:

- Economic strategy development
- Integrated transportation, land use, and environmental planning

- Transportation, land use, and environmental impact assessment

We understand that choosing how to grow can be contentious. Our clients—from the United States government to state and local agencies and private companies—turn to us for quality work that withstands the closest scrutiny (often in a legal environment).

Comprehensive Process Elements and ICF Consulting’s Capabilities

Process Stage	ICF Consulting Capability
Assess Community Goals	1 Focus group planning and execution Survey development and execution Web site development and administrative
Develop Performance Metrics	2 Performance planning and evaluation for transportation, environment, and land use
Formulate Growth Alternatives	3 Regional economic strategy development Urban planning Transportation planning
Evaluate Alternatives	4 Transportation investment alternatives analysis Transportation, land use, economic, and environmental impact modeling
Select Growth Strategy	5 Strategic planning Financial planning and feasibility assessment
Build Consensus	6 Stakeholder outreach Focus group planning and execution
Implement Growth Plan	7 Ongoing evaluation and monitoring support

Featured Projects

Transportation and Land Use Alternatives for the Greater Atlanta Region

(Georgia Regional Transportation Authority GRTA). ICF evaluated transportation investment and land use scenarios across a variety of performance measures: transportation, environment, and social impacts, including equity and accessibility.

Transportation and Air Quality Impacts of Brownfield and Infill Development

(U.S. Environmental Protection Agency (EPA)). On the basis of results from pilot projects in Baltimore, Chicago, Dallas, and Atlanta, we developed guidance for regions on how to quantify the travel and emissions impacts of new development. Travel and Emissions Impacts of Smart Growth Plans in Maryland (Maryland Department of Transportation). ICF analyzed the likely effects of changes in density, diversity, and design at two planned redevelopments, in Baltimore and Annapolis.

The Effects of Land Use on Water Runoff

(U.S. EPA). The effects of land use decisions are not limited to air emissions. ICF is developing a new model of runoff that can be used at the site level to capture changes in site design and transportation decisions.

Land Use and Transportation Decision Support System

(Chittenden County, VT (Burlington region) MPO). ICF is developing a Decision Support System (DSS) that links the county's existing travel model with a GIS-based land use model. The DSS will support both citizen involvement and local and regional planning, and outputs a wide variety of indicators of regional performance.

Other projects illustrate the depth and breadth ICF offers clients:

- Analysis of freight transportation demand impacts on environmental and land use issues (U.S. EPA)
- Using Federal Transportation Funds For Brownfields Redevelopment (U.S. EPA)
- Employer-Assisted Housing Policies for Encouraging Brownfields Redevelopment and Reducing Emissions (U.S. EPA)
- Modeling the Relationship between VMT and Land Development Patterns using National Data (U.S. EPA)
- Our Built and Natural Environments: A Technical Review of the Interactions between Land Use, Transportation and Environmental Quality (U.S. EPA)
- Economic Analysis of a Multi-Modal Transportation Infrastructure Investment Initiative (Greater Richmond, VA, Chamber of Commerce)
- Sustaining growth and development in the next century (Austin, Texas, Chamber of Commerce), ICF worked with industry leaders in this booming area to develop a strategy for continuing the growth of existing industries, and developing new ones.

ICF International's Contract Vehicles

- Office of Personnel Management Training and Management Assistance Services #OPM-0207-00030, OPM-0207-00006
- GSA Management, Organizational, and Business Improvement Services (MOBIS) #GS-23F-8182H
- GSA General Purpose Commercial Information Technology Equipment Services #GS-35F-4121D
- GSA Marketing, Media, and Public Information Services #GS-23F-0115K
- GSA Environmental Services #GS-10F-0124J
- GSA Logistics Worldwide (LogWorld) #GS-10F-0578N
- GSA Professional Engineering Services (PES) #GS-23F-0016P
- DHS BPA #GS-10F-06-LP-A-0007

About ICF International

ICF International (NASDAQ: ICFI) partners with government and commercial clients to deliver consulting services and technology solutions in the energy, climate change, environment, transportation, social programs, health, defense, and emergency management markets. The firm combines passion for its work with industry expertise and innovative analytics to produce compelling results throughout the entire program life cycle, from analysis and design through implementation and improvement. Since 1969, ICF has been serving government at all levels, major corporations, and multilateral institutions. More than 2,500 employees serve these clients worldwide. ICF's Web site is www.icfi.com.

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