



TREDIS[®] Software

Transportation Economic Development Impact System

Economic Assessment Challenges

- **ISSUE:** State law (SB 391) reaffirms the Department address economic development, including productivity and efficiency for the movement of people and freight in the California Transportation Plan.
- **NEED:** Tool or tools to conduct a statewide analysis of the economic impact on strategies for complying with the California Global Warming Solutions Act of 2006 and SB 391 have on the Statewide economy.
- **GOAL:** Providing policy and decision makers with reasonable and defensible projections of the economic impacts from proposed strategies for reducing GHG emissions.

TREDIS was selected to meet this challenge

What Does TREDIS Do?

Estimates

- Economic impact of constructing & operating facilities
- Economic benefits of transportation improvements
- Local, corridor or statewide impacts and benefits

Examines

- Projects spanning all modes – air, water, rail, road
- Effects of congestion, pricing & access changes
- Impacts on productivity, competitiveness & growth

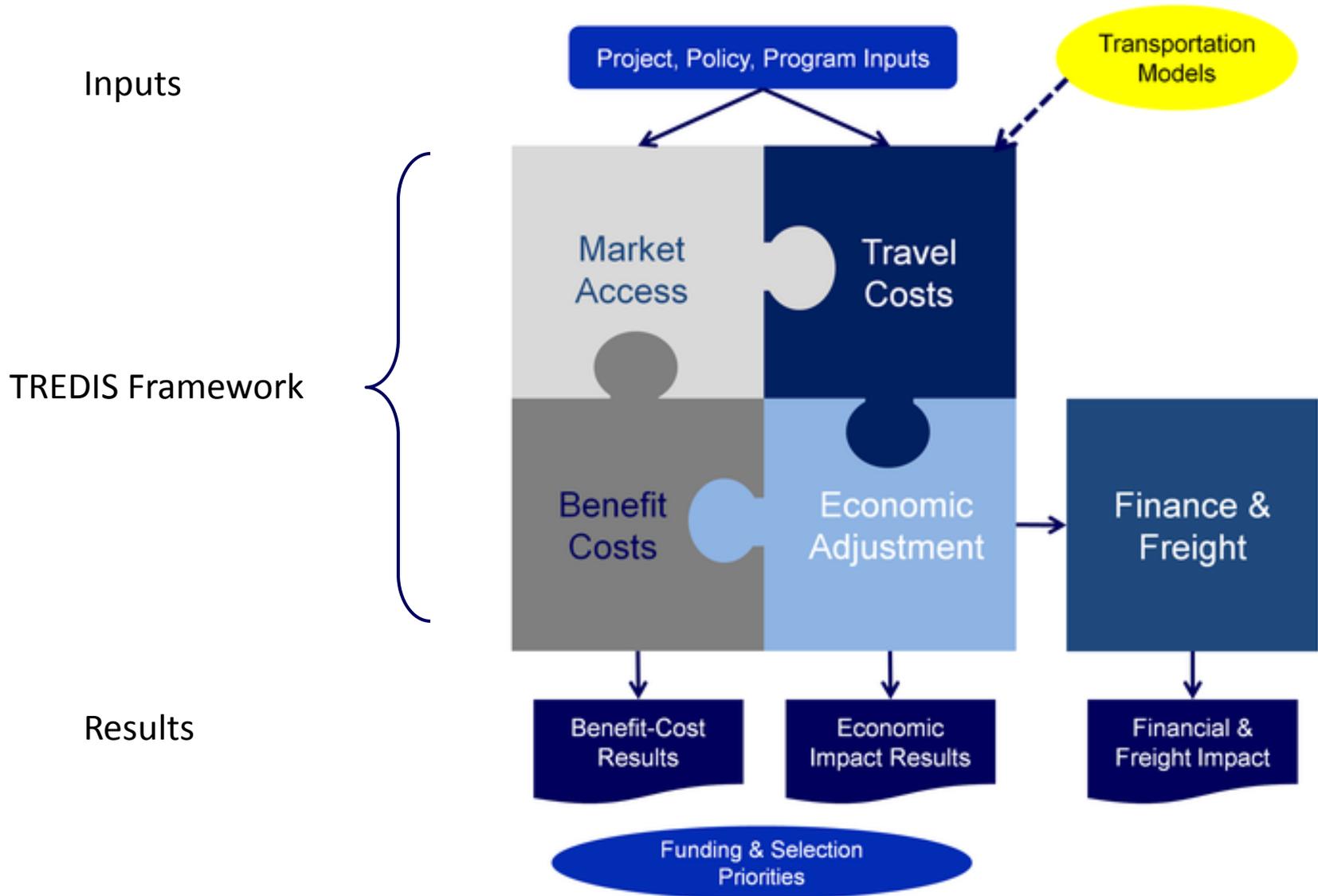
Evaluates

- Rating of alternative transportation projects
- Comparison of alternatives for a single project
- Benefits of integrated multi-modal planning

Performs

- Benefit-Cost Analysis
- Economic Impact Analysis
- Performance Evaluations

TREDIS Components



Data Values and Sources

- **Data Applications**

- *Current Economic Patterns*
- *Economic Sources*
- *Freight Flows*
- *Regional Accessibility & Connectivity Factors*
- *Unit Transportation Costs*
- *Modal Characteristics*

- **Sources**

- *Federal, State and Private*
- *Independent Sources*

- **User Inputs**

- *Travel Demand Model*

Economic Impacts

- Statewide economic impacts due to changes in travel demand resulting from CTP Transportation Strategies
- Jobs
 - Transportation infrastructure investments
 - Strategic transportation investments
 - Major industry sectors
- Value Added (GSP)
- Business Output
- Wage Income

For More Information...

Barry Padilla
Caltrans
Economic Analysis Branch
(916) 653-9248
barry.padilla@dot.ca.gov

TREDIS Software Group
155 Federal Street, Suite 600
Boston, MA 02110
(617) 303-0424

www.tredis.com
info@tredis.com