

REMI Training Series

Session #4 REMI TranSight and SEI

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Agenda



Introduction

Overview of REMI

Overview of TranSight

TranSight Model Demonstration

SEI Module Capabilities

SEI Module Demonstration

Q&A

*what does **REMI** say?sm*

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TranSight Model Demonstration

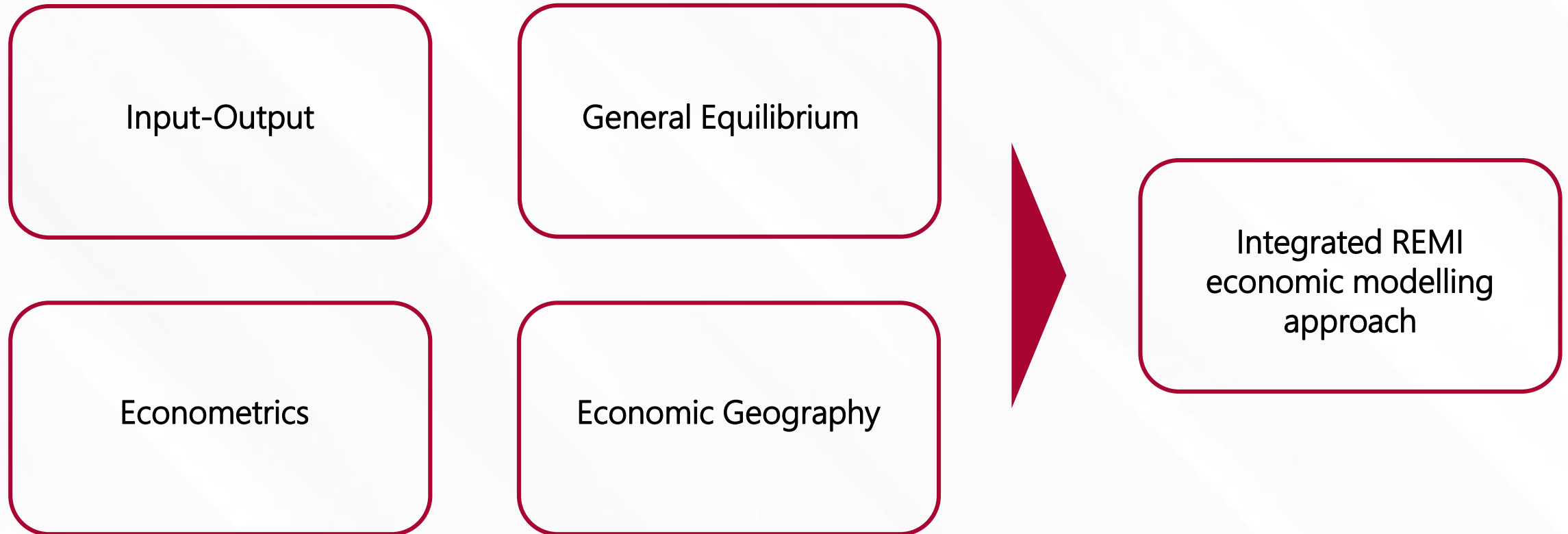
SEI Module Capabilities

SEI Module Demonstration

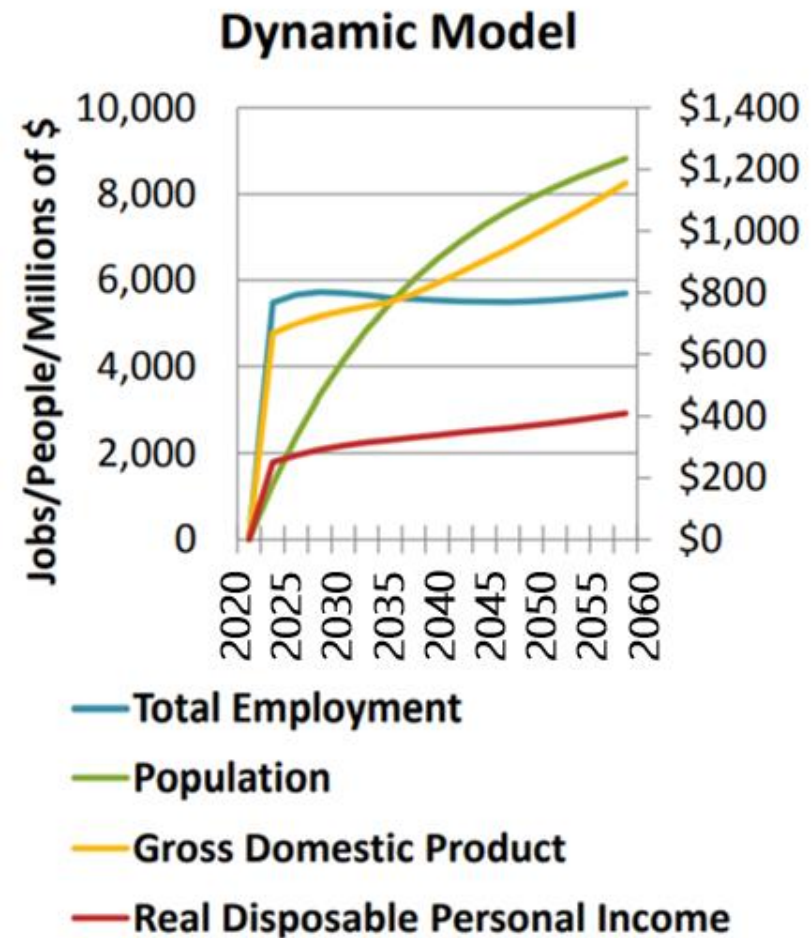
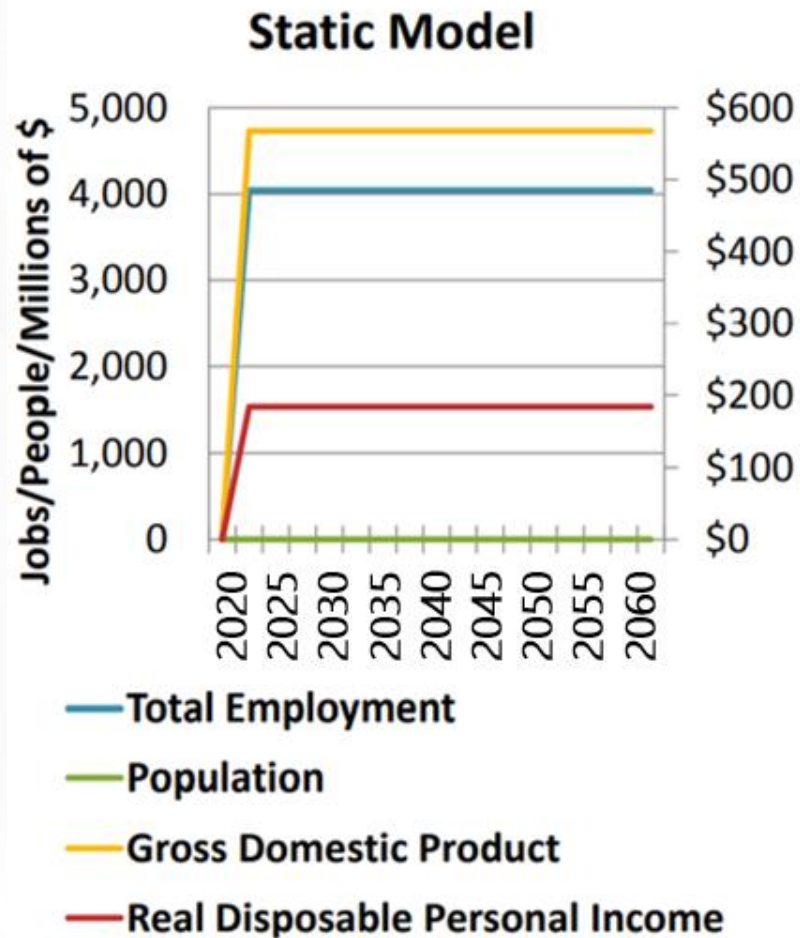
Q&A

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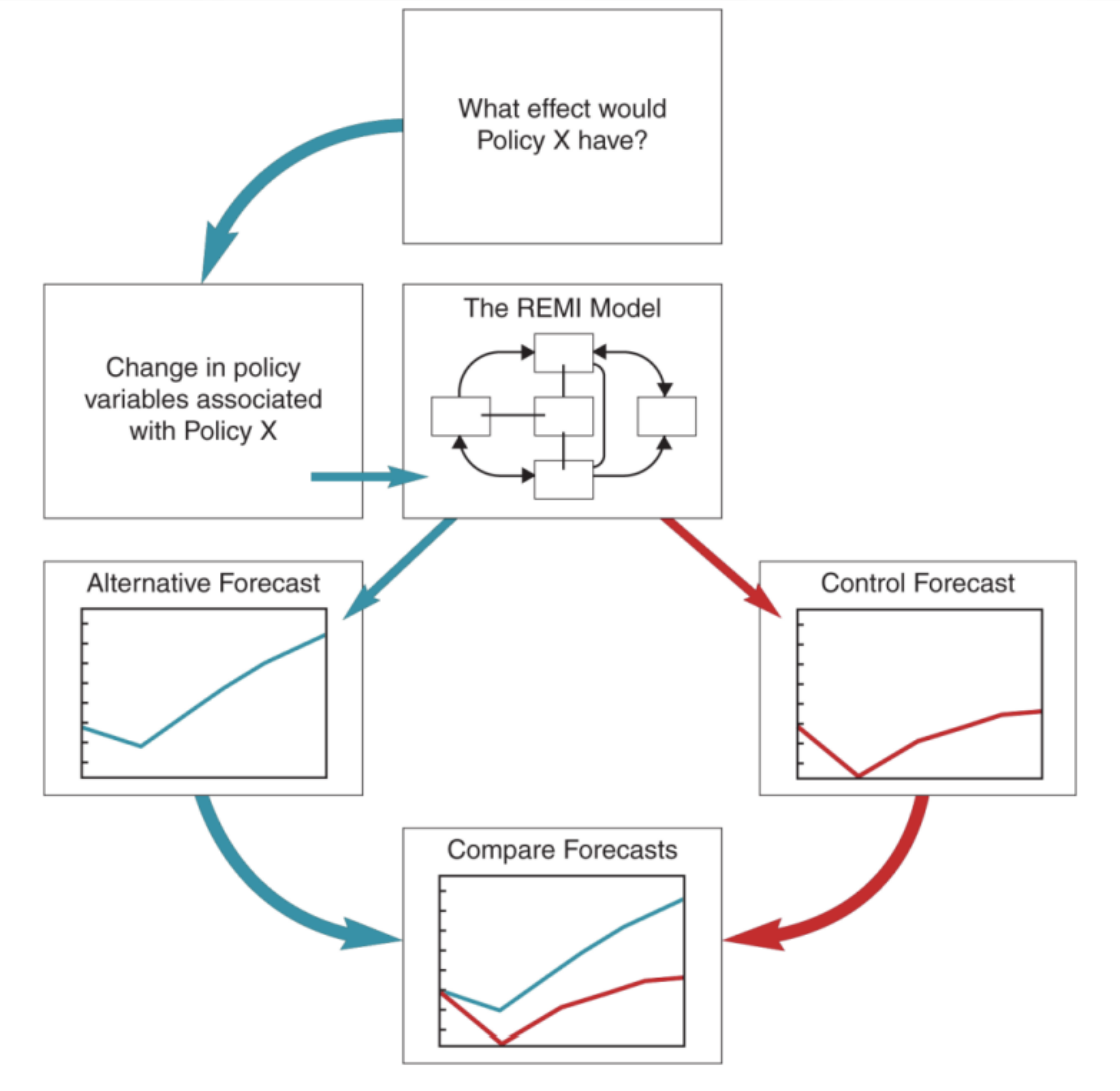
REMI's 40 year history of rigorous academic research and software development has led to the development of the state of the art model in macroeconomic research methodology:



How Dynamic vs. Static



How does a REMI model work?



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What is TranSight?

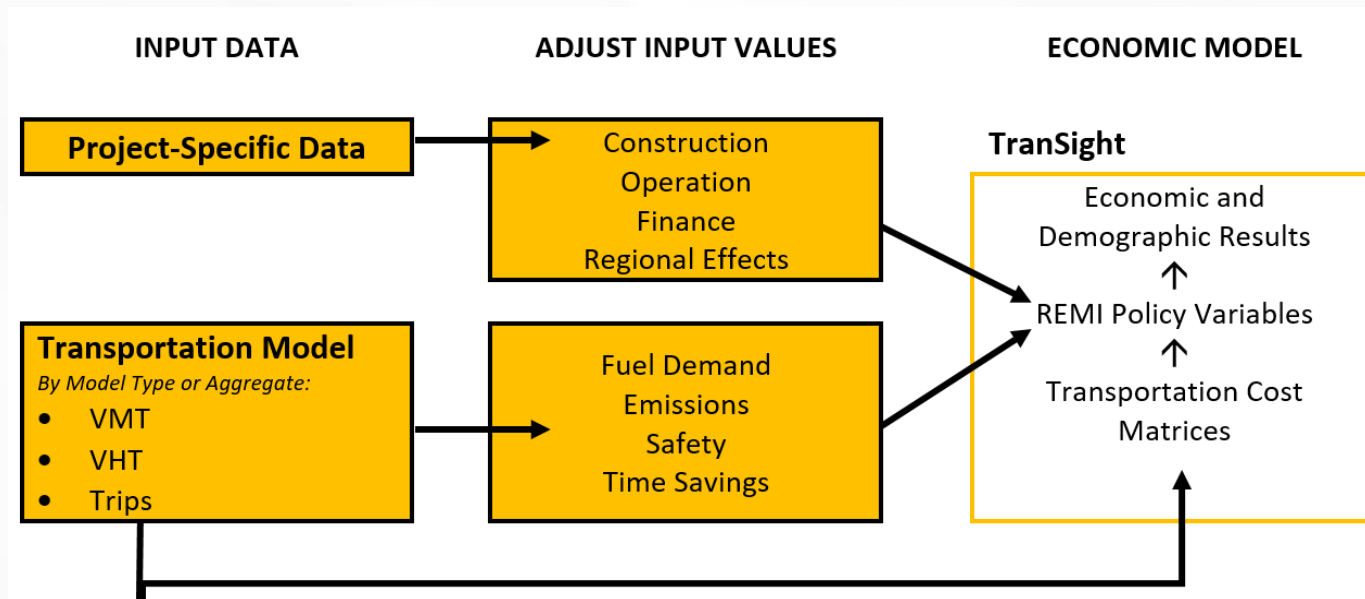


It integrates leading travel-demand and transportation forecasting models (such as TranPlan, TransCAD, TP Plus, EMME/2, and HERS) with REMI PI+, but provides more complete perspective by predicting the full array of economic and demographic effects that will result from completing proposed transportation projects.

It allows the user to specify the financial dimensions of an upgrade to the transportation infrastructure, including expected construction costs, financing, and annual operation/maintenance costs.

It produces multi-year forecasts of economic and demographic trends under the transportation upgrades and compares them with a baseline forecast.

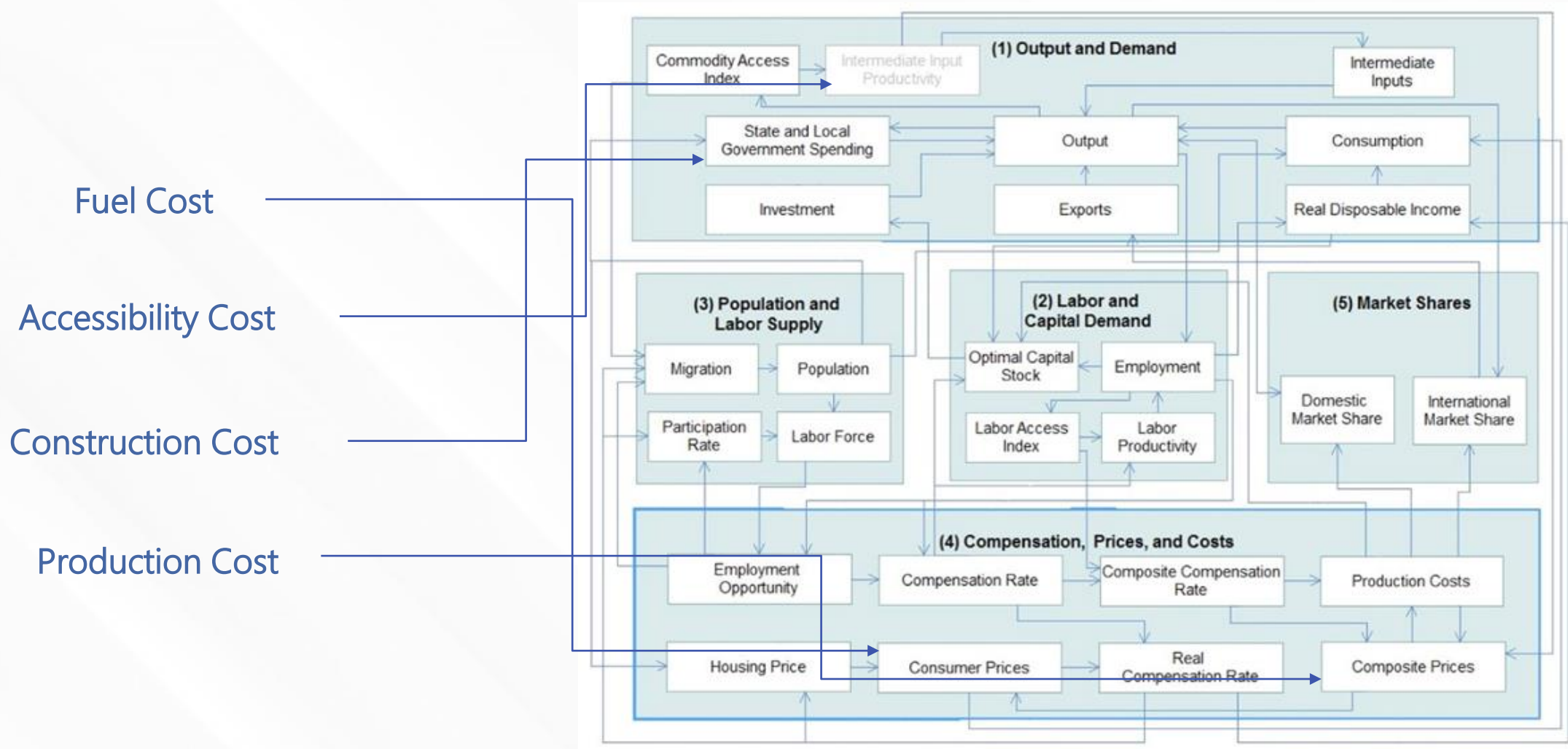
What is TranSight?



TranSight is the premier software solution for comprehensive evaluations of the total economic effects of transportation policy.

Grounded in over 20 years of modeling experience, decision-makers depend on TranSight to forecast the short- and long-term impacts of transportation investments on jobs, population, income, and other economic variables

What is TranSight?



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- Impact Study:
 - Decreasing transportation cost (1%)
 - Increasing labor access & commodity access (0.1%-1%)
 - Increasing transportation consumption demand (1%)
- Analytical Tools - TranSight Model Linkages

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Guiding Concepts

- Many different stakeholders in the economy
- Wealth and income levels linked to race, gender, geography (rural vs urban), education
- American demography is changing; building a diverse workforce is imperative for future economic development and growth
 - Do policies benefit all income levels?
 - Do they increase or reduce income inequality?
 - Do all racial and ethnic groups benefit from policies?
 - Are we benefiting or disadvantaging those without higher education?

Measurements of REMI-SEI



Compensation
Distribution



Employment Changes
by Earnings Quintile



Consumption Price
by Earnings Quintile
and Range



Inequality
Coefficient



Employment by
Race & Gender



Employment by
Educational
Attainment



Labor Force
Participation
by Race & Gender



Unemployment



Per Capita
Income

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Thank you for attending!

For more information, please contact
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