

# REMI Training Series

## Session #2 REMI E3+ and E3+/SEI

Regional Economic Models, Inc.

## Introduction

Overview of REMI

Overview of E3+

E3+ Model Demonstration

SEI Module Capabilities

SEI Module Demonstration

Q&A

# Agenda

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*what does **REMI** say?<sup>sm</sup>*

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:

Input-Output

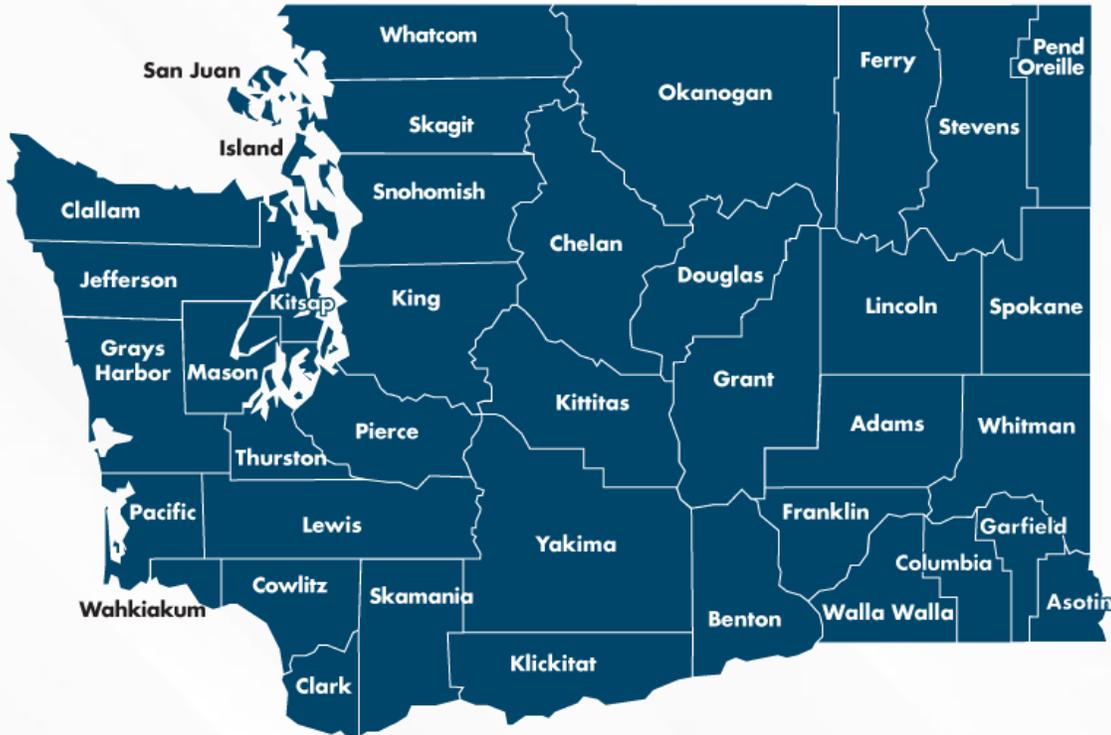
General Equilibrium

Econometrics

Economic Geography

Integrated REMI  
economic modelling  
approach

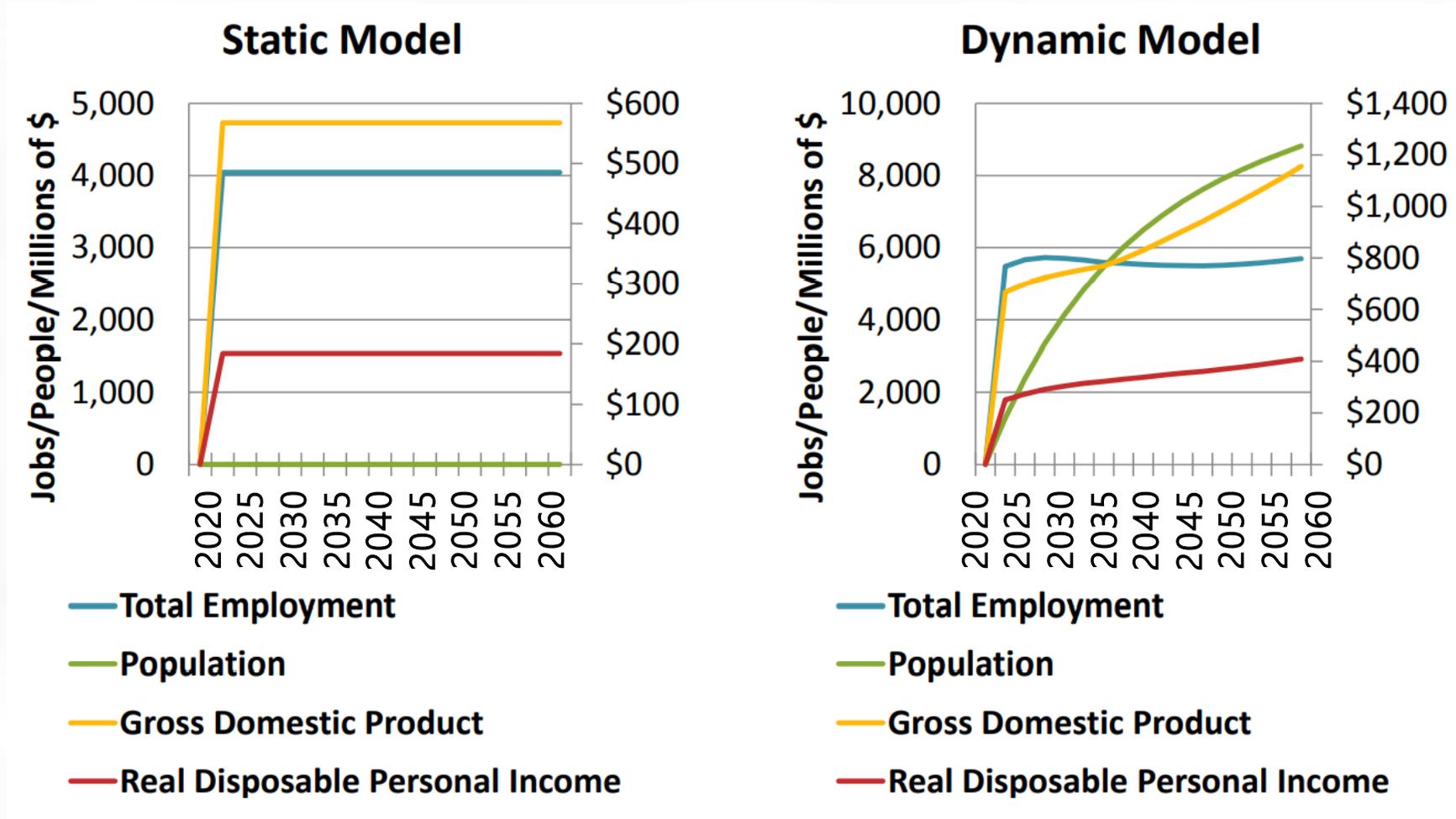
# How REMI Defines Model Regions



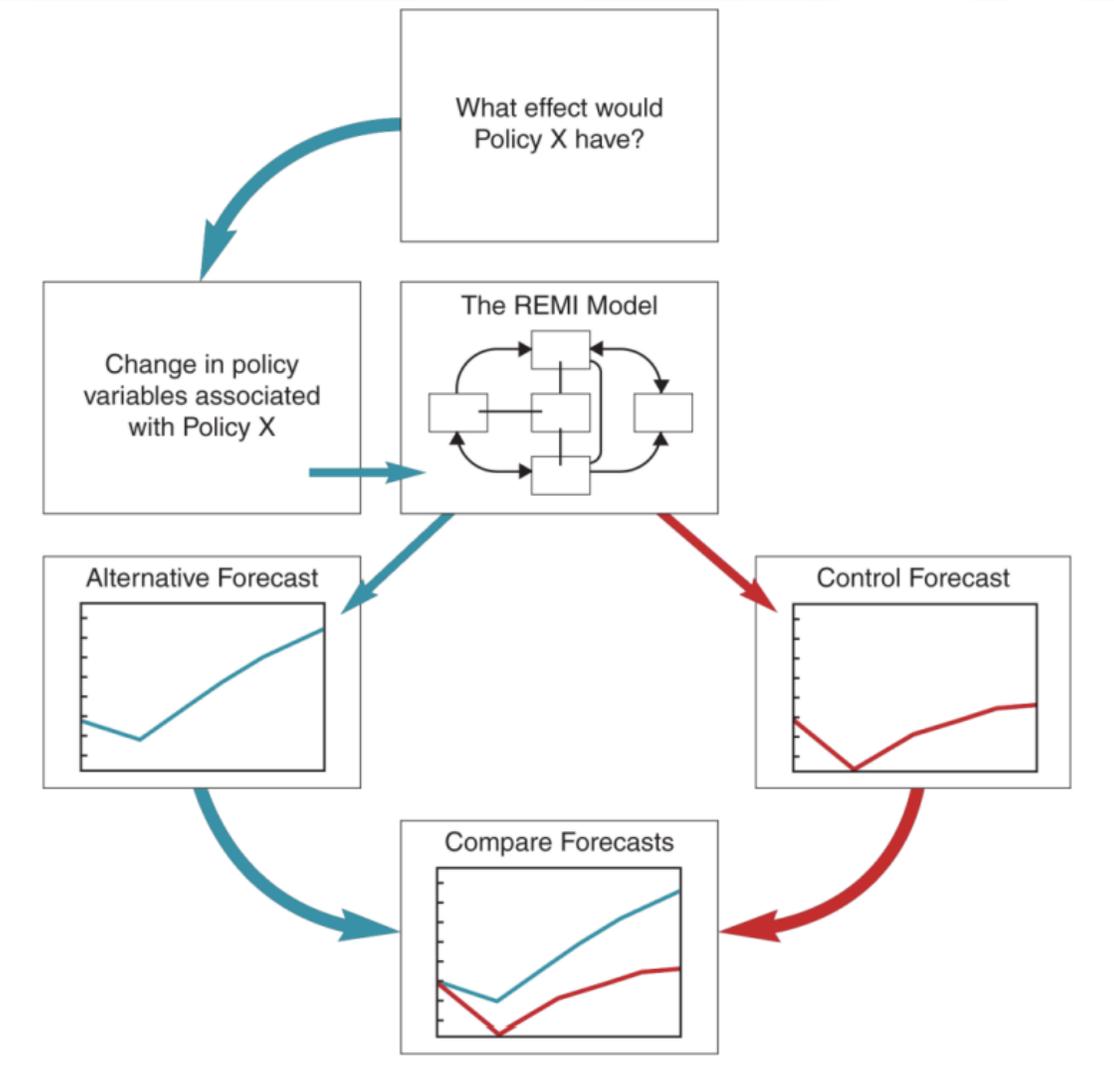
- A county (or equivalent statistical unit) or...
- A collection of counties
  - e.g., an MSA or a state
    - Can cross state borders
- Multiple regions
- Customized by needs

Map Of Washington Counties - Counties In Washington Majority Minority Clipart

# Static vs. Dynamic



# How Does a REMI Model Work?



what does **REMI** say?<sup>sm</sup>

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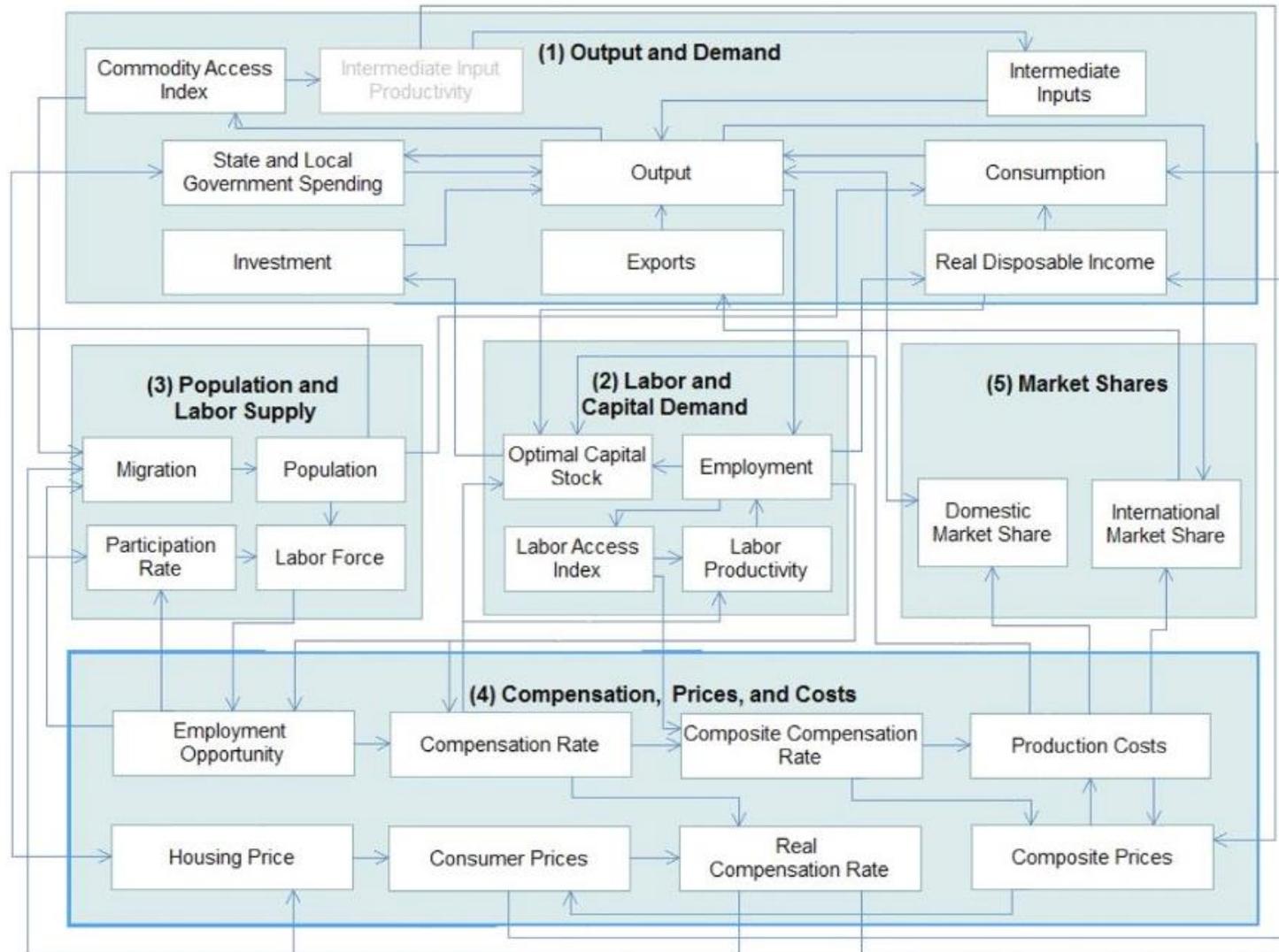
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# What is E3+?



E3+ allows users to analyze the macroeconomic and demographic impacts of any initiatives related to the energy and environmental sectors.

The model allows a user to go beyond static analysis and make more informed decisions.

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- E3+ V2.5: Washington Single-Region Model
- Impact Study
  - New Aerospace Manufacturing business
  - An increase of 1,000 jobs
  - Aerospace product and parts manufacturing
- E3+ Model Linkages
- Analytical Tools
- E3+

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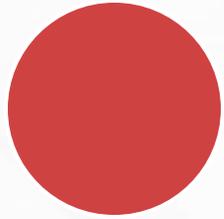
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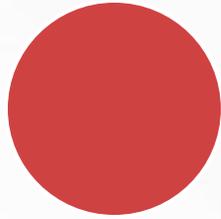
## Guiding Concepts

- REMI SEI is the premium modeling solution for evaluating the socioeconomic indicators (SEI) of project, programs, and policy changes
- Public policy should serve the interests of the public
- In order to ensure that policy effects are broad-based, need to evaluate how different social and demographic groups are affected by policies
- Required to do so by federal, state and local regulations
- American demography is changing; building a diverse workforce is imperative for future economic development and growth

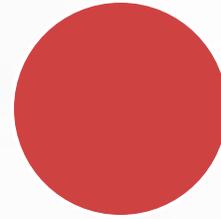
# Measurements of Disparities in REMI-SEI



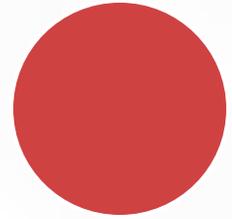
Compensation  
Distribution



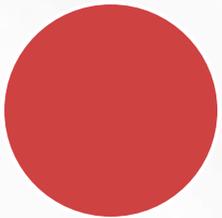
Employment Changes  
by Earnings Quintile



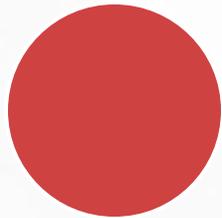
Consumption Price  
by Earnings Quintile  
and Range



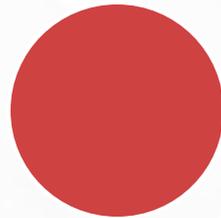
Inequality  
Coefficient



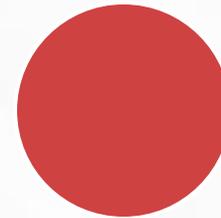
Employment by  
Race & Gender



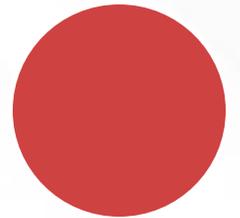
Employment by  
Educational  
Attainment



Labor Force  
Participation  
by Race & Gender



Unemployment



Per Capita  
Income

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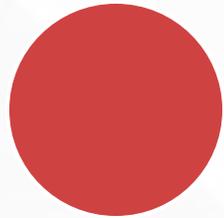
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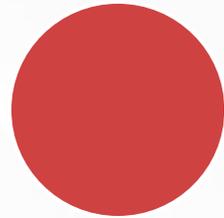
**SEI Module Demonstration**

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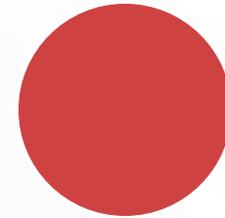
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# Thank you for attending!

For more information, please contact  
[info@remi.com](mailto:info@remi.com)