

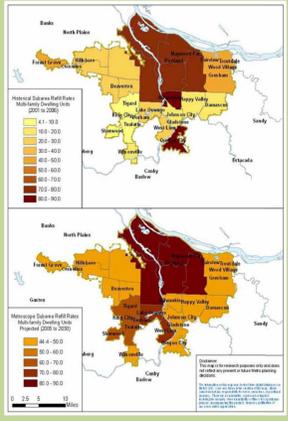
# Economic and Land Use Forecasting

## How ELF and the Research Center Inform 2040 Policy

### Measure

#### ELF Projects

- Residential refill
- Nonresidential refill
- Housing price studies
- Capacity analysis



- UGR data on density by housing type and lot size trends
- Regional economic performance assessment – jobs, prices, income and growth

#### DRC & TDM Projects

- Regional Indicators
- Buildable lands analysis
- Transit usage
- Bike usage
- Pedestrian shares
- Regional performance measures
- Comparison to “peer regions”
- VMT, traffic counts and highway capacity analysis

### Model

#### Regional Econometric Model

- High growth scenarios
- Medium growth scenarios
- Low growth scenarios
- Risk assessments
- Confidence limits

#### MetroScope Scenario Modeling

- Amount and timing of UGB expansion
- Urban renewal capacity and affordable housing subsidy assumptions
- Transportation investment and network configuration
- Zoning and capacity of Metro Region
- Zoning and capacity of surrounding jurisdictions

#### Travel Demand Alternatives Modeling

- Level of transit and non auto mode investment and support
- Level of roads and bridges investment
- Special traffic management programs such as tolling and usage based financing
- Assumptions about gas price and auto ownership costs

### Report

#### 2040 Plan: Regional Goals and Objectives for Urban Area

- Housing and transportation choice and access for all of region’s households
- Growing economy and family wage jobs
- Protection of the natural environment and minimum consumption of rural lands
- Efficient use of land

#### Scenario Evaluation and Feedback

- Risk assessment
- Housing and transportation costs
- Residential and job densities
- Centers and corridors growth
- Efficient land use
- Per capita vehicle miles traveled
- Travel times
- Social equity

#### UGR Policy Choices – The Road Ahead

- 20 year land need for jobs and housing
- Vacant land available
- Refill capacity and assumed refill rate
- Housing and transportation costs by household income, size and age
- Transportation improvements by mode type
- Transportation network usage by mode type
- VMT and air quality assessment
- Density by location and land use
- Infrastructure costs

#### For more information:

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