

Economic and Land Use Forecasting Simulating Urban Development – MetroScope

What is MetroScope? Not just an allocation model but...

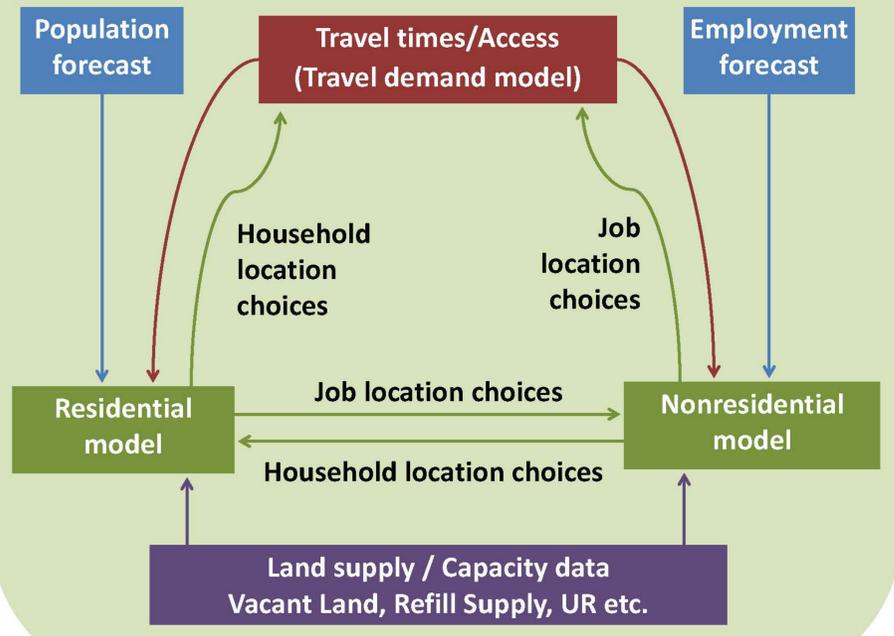
Measuring policy choices

It's not just about what we want. It's also about how do we get there?

What are the costs? Are there unintended consequences? What are the benefits?

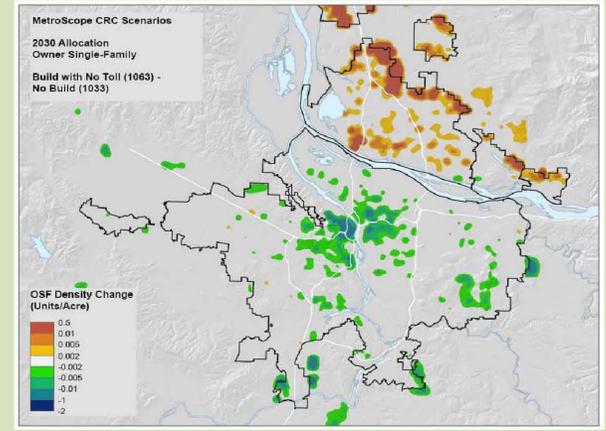


How does MetroScope Work?

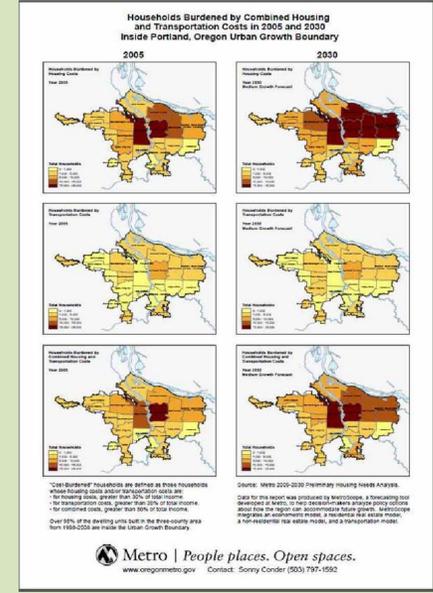


MetroScope in Action: A few examples of policy analysis

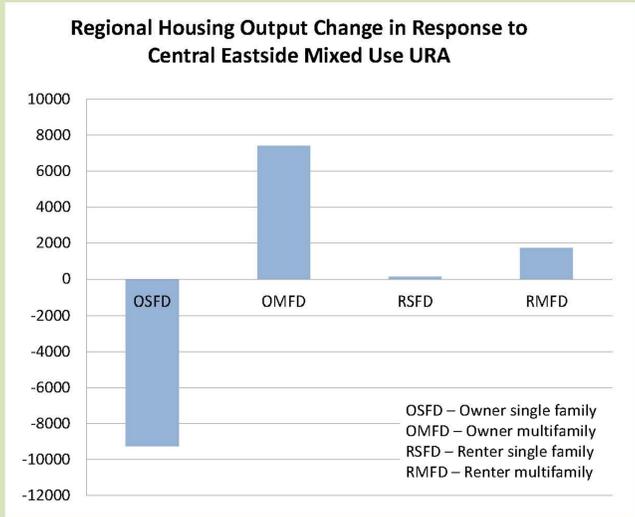
CRC Project - tolls versus no tolls



Housing and transportation costs



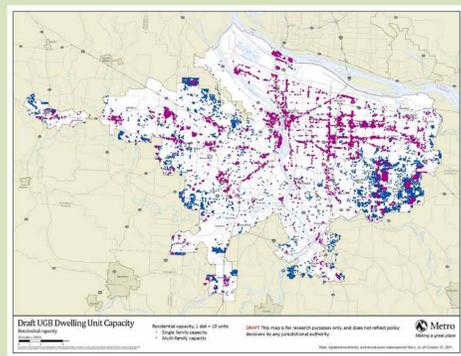
Changing the Central Eastside to mixed use zoning



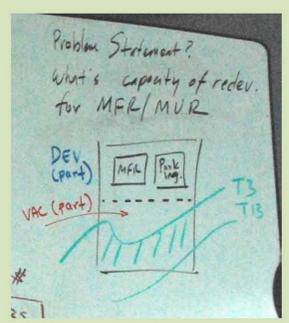
Sources of Regional Land Capacity

The region's land supply for future household and employment growth comes from multiple sources, including:

- Vacant land inside current UGB
- Market rate redevelopment
- Incentivized redevelopment
- Rural and measure 37/49 claims
- Neighboring cities and counties
- Urban reserves



Forum for Regional Discussion



- TAZ allocation is a collaborative process between Metro and local jurisdictions
- Methods for estimating land capacity developed with input from regional partners
- Calculated capacity estimates reviewed by local governments
- TAZ allocation of households and jobs will also be reviewed at local level

MetroScope: Past, Present and Future

- 1996 – 1997** One zone spreadsheet for housing needs assessment
- 1998 – 2006** MetroScope 1.0 - 2.2 visual basic multi-zone model of residential and nonresidential real estate
- 2007 – 2011** MetroScope 2.3 – 3.0 complete integrated model in R code
- 2012 – 2015** MetroScope 4.0 – 5.0 Conversion to NAICS 2010 census geography and housing/demography, nonresidential to CGEM formulation



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