

Scenario Planning

Land Use Advisory Committee



Overview



- What is scenario planning?
- What is its purpose?
- How does it work?
- Land use implications

Traditional vs. Scenario Planning



- What kind of uncertainties shape the region?
- How do they impact the region as a whole?
- How do they affect the Council's infrastructure and services?
- What policies can we adopt to address those impacts?

Disclaimer: What this project is not

We are not picking a future.

Instead, we are exploring our preparedness for a variety of futures.

This is not our official 2050 regional forecast.

• We are using the same forecast tools, but in a hypothetical planning exercise.

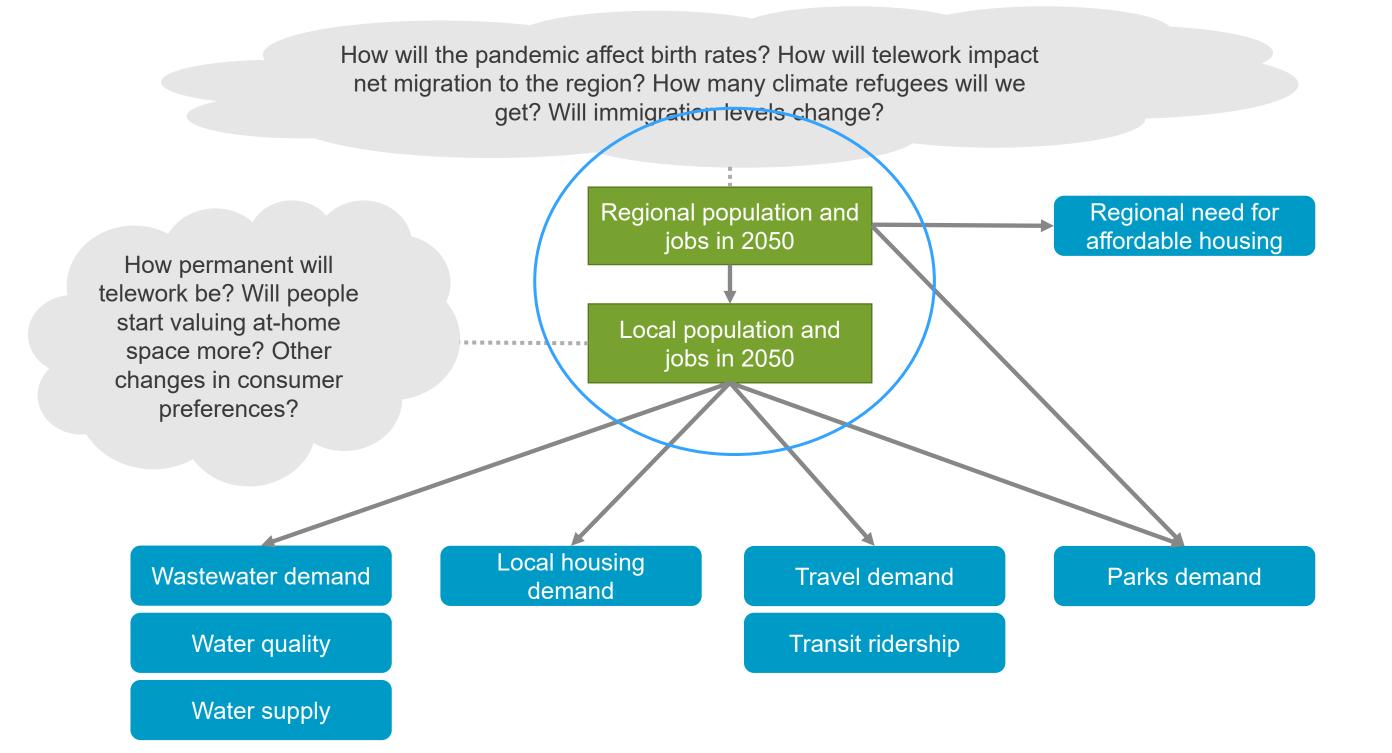
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What is the purpose of scenario planning?

Use scenarios to assist policy makers in various phases of policy planning.

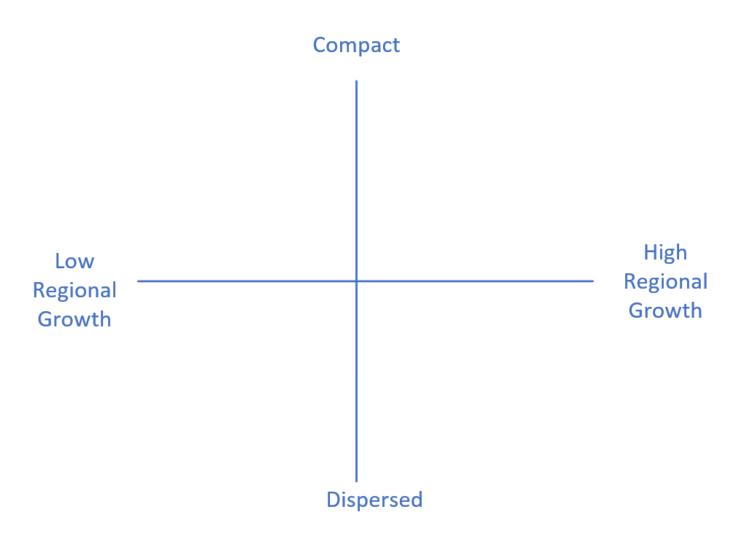
Scenarios can help:

- 1. reveal land use goals and objectives
- 2. identify risks and opportunities and policy gaps
- 3. explore policy tradeoffs and synergies
- 4. inform future land use policy choices



Different Scenarios

Regional Growth: How much? Where?



- High regional growth/compact development
- High regional growth/dispersed development
- Low regional growth/compact development
- Low regional growth/dispersed development
- Business as usual scenario: what is likely to happen if existing patterns continue?

Extent of growth

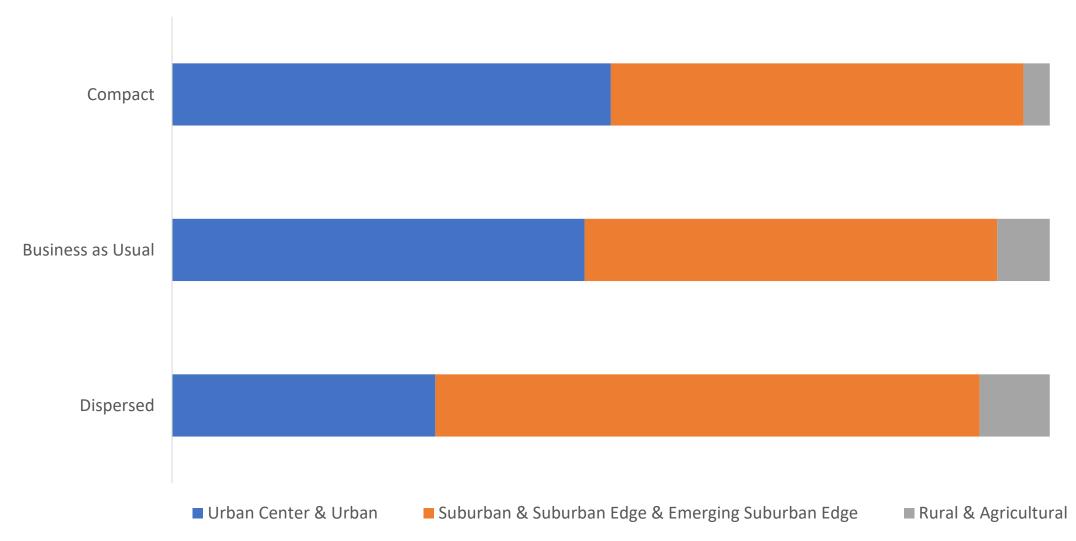


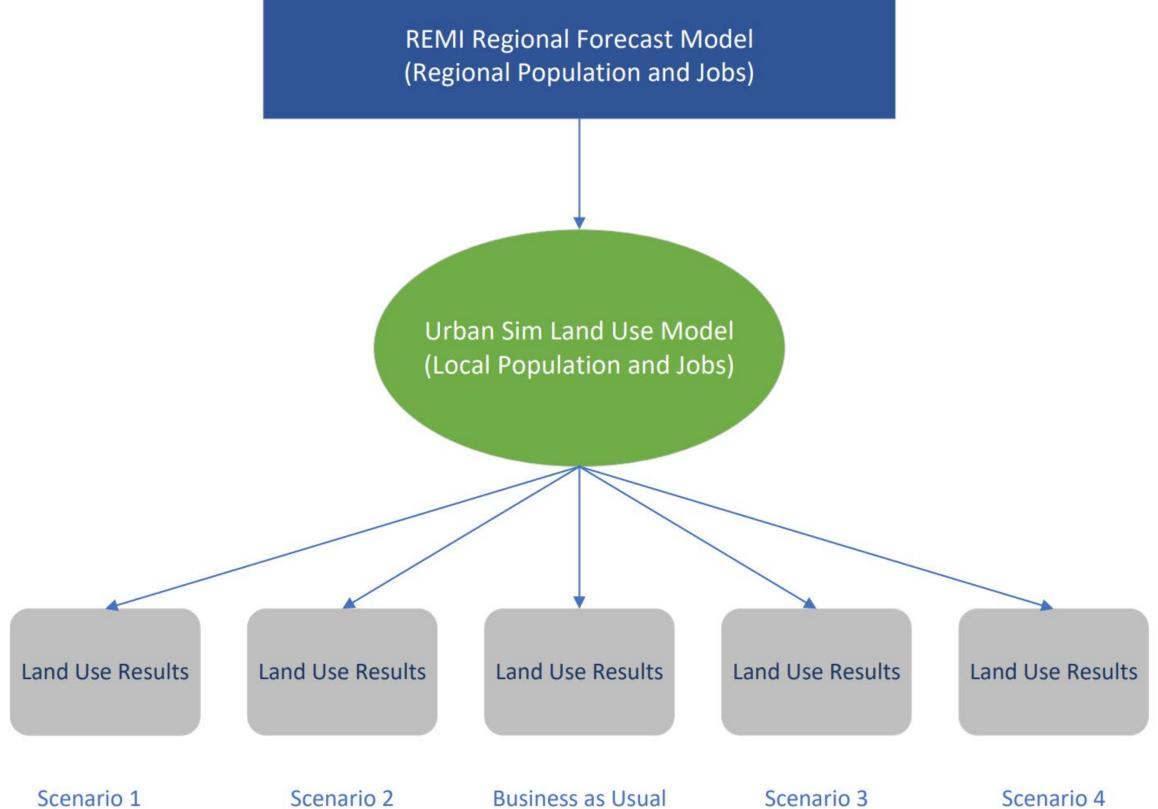
Higher/lower than currently forecasted regional growth

- High growth: 50% more than currently forecasted regional growth
- Low growth: 25% less than currently forecasted regional growth

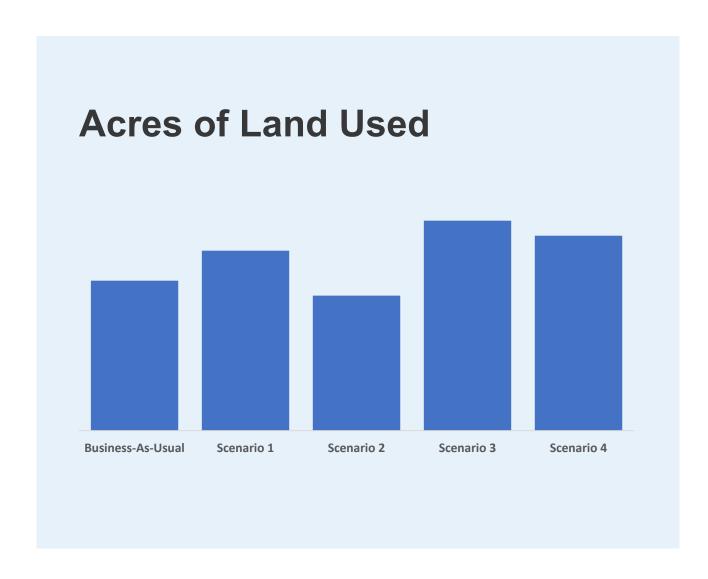
Location of growth

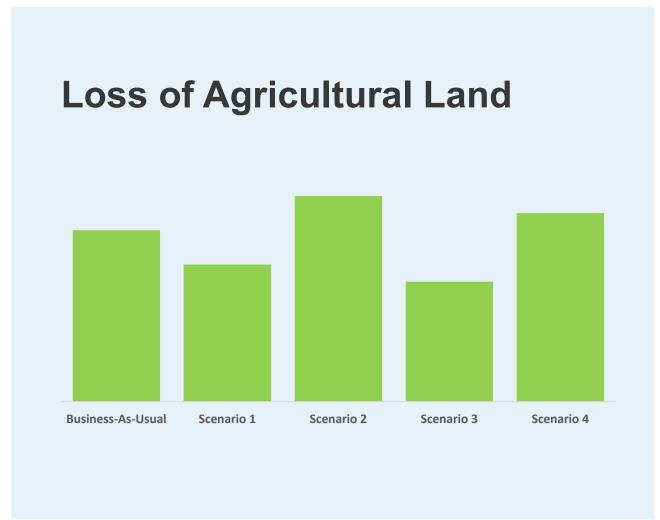
More compact/dispersed than Business as Usual



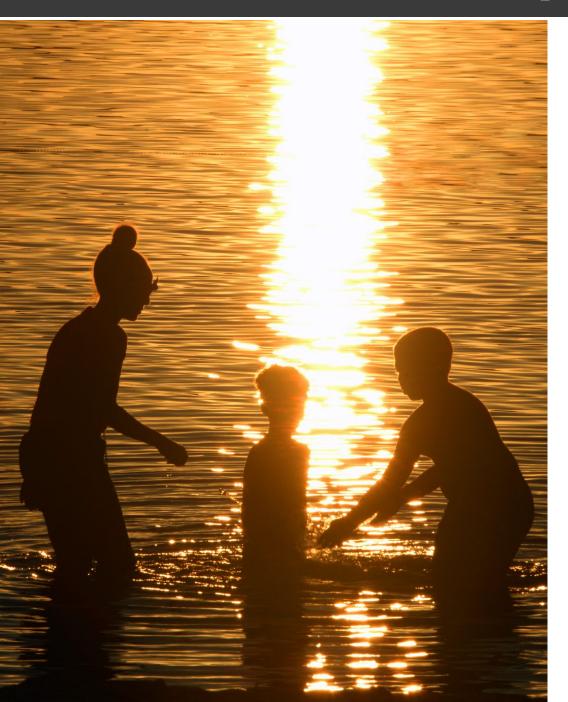


Examples of land use modeling results





What about equity?



We can explore the equity implications of each future by asking these questions:

- How would this specific type of change impact different communities?
- Which communities would benefit from this future?
- Which communities would be negatively impacted?

Land Use Connections



What could a scenario framework do for land use policy?

Scenario analysis can make Council policies resilient to uncertainty.

It helps us evaluate each policy under multiple futures.

Scenario analysis can help align investments across policy areas.

It informs our understanding of policy trade-offs and synergies.

At the heart of scenarios is how we are using land.

 Scenario analysis can help us think about and develop policies to achieve regional goals and mitigate undesired outcomes.

Next Steps



- Get your feedback on measures that are of interest to you.
- Come back to you with actual model results so that you can evaluate different futures by using these results.

Today's Question



What measures do you want to see to compare futures?

- Scenario measures may show connections between different land use futures and other policy areas such as water and transportation.
- Examples:
 - Water demand
 - o GHG emissions
 - Job accessibility
 - Acres of land used
 - Acres of agricultural land lost

Thank you!

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