



Climate Smart Communities

Scenarios Project

Equity and Environmental Justice
Scorecard Workshop

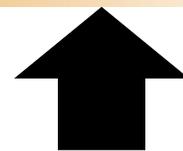
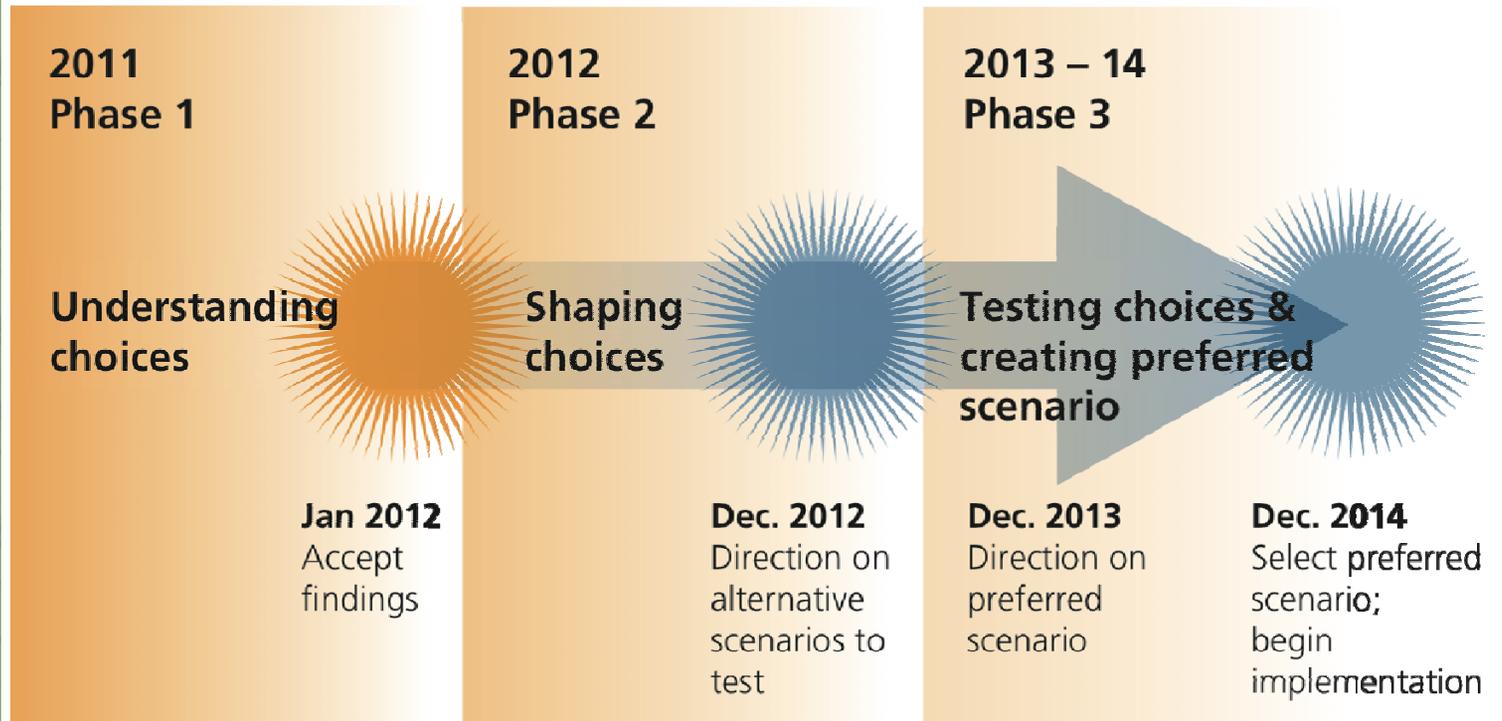
Councilor Carlotta Collette

July 31, 2012



Metro | *Making a great place*

Climate Smart Communities Timeline



We are here.

Climate Smart Communities

Building toward six desired outcomes



Vibrant communities



Equity



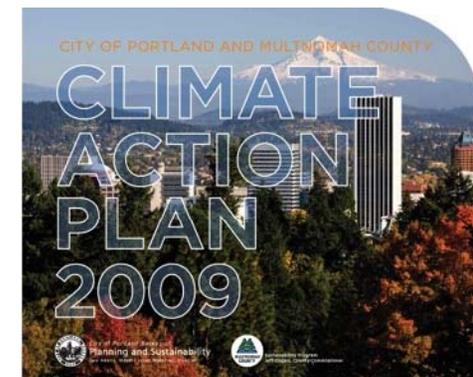
Economic prosperity



Transportation choices



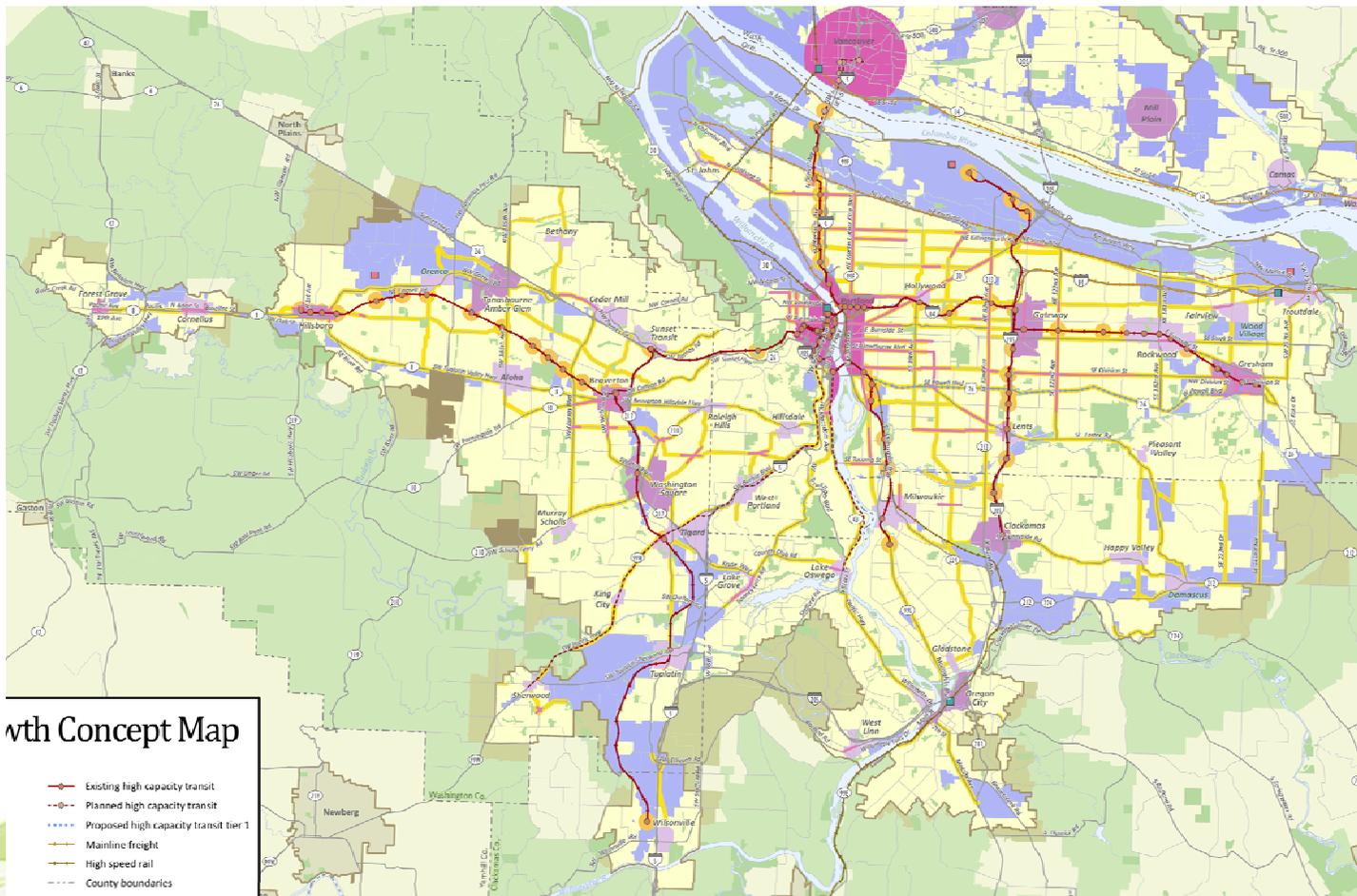
Clean air & water



Climate leadership

Climate Smart Communities

Unique local approaches to implement regional growth strategy

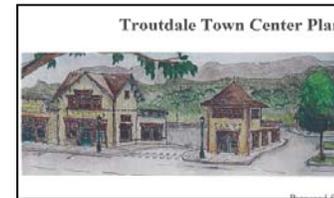
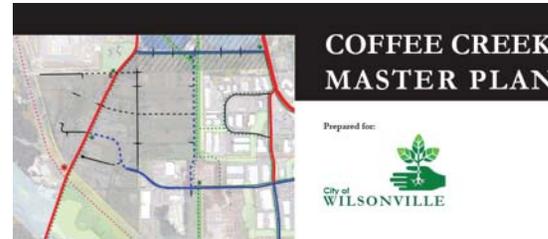


Climate Smart Communities

Building on community aspirations



**Beaverton
Civic Plan**
growing together



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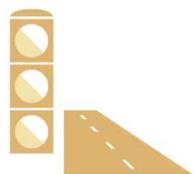
Phase 1 strategies tested

Community design



- Infill, mixed-use development and complete neighborhoods
- Limited urban growth boundary expansion
- Expand transit service
- Increase walking and bicycling
- Manage parking supply and cost

Roads



- Road capacity and network connectivity
- Traffic management (*e.g., clearing crashes and vehicle breakdowns quickly, traffic signal timing*)



Marketing and education programs

- Eco-driving, car-sharing, household and commuter marketing and education

Pricing



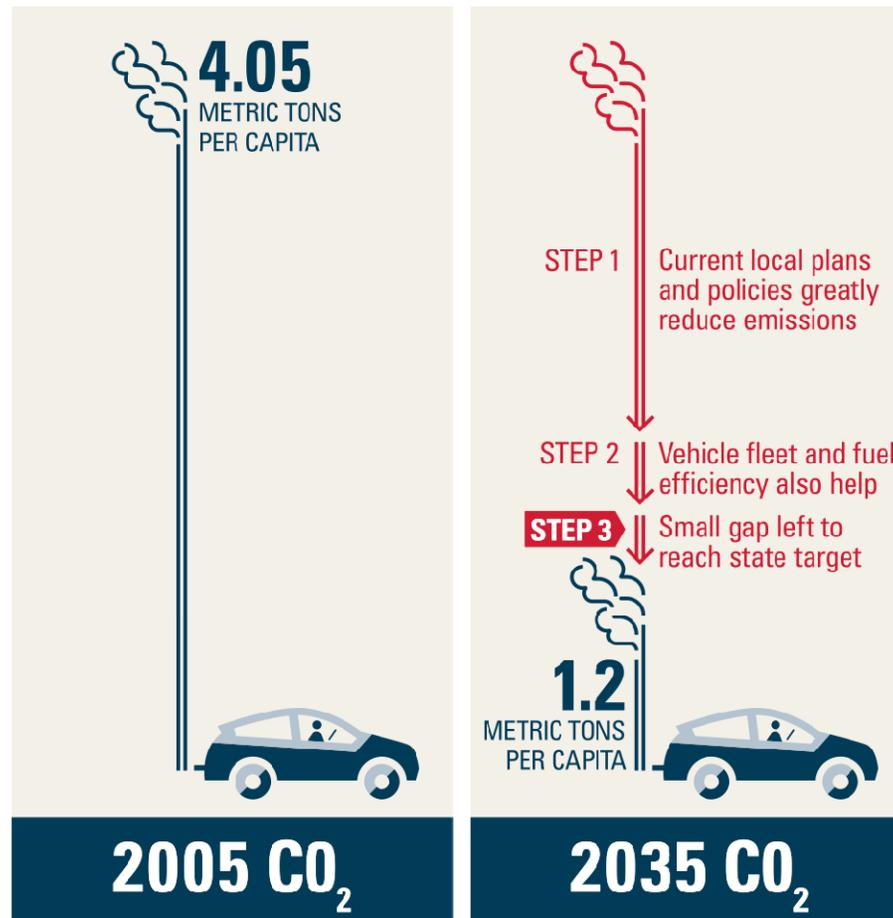
- User-based fees to encourage desired travel behavior (*e.g., gas tax, road fee, carbon fee, pay-as-you drive insurance*)

Cleaner fuels and vehicles



Climate Smart Communities – Phase 1 Findings

Current plans **plus** cleaner fuels and vehicles get us close

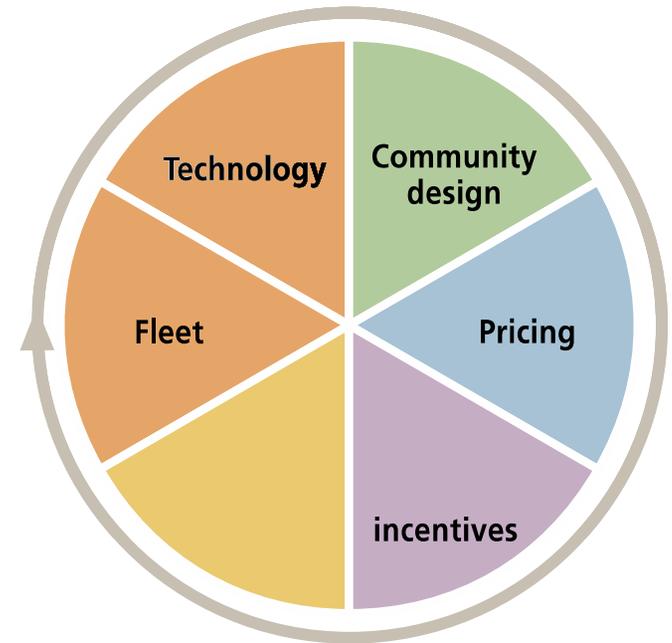


2035 GHG target for region
per capita light vehicle roadway GHG emissions reduction below 2005 levels

Climate Smart Communities

Phase 2 Purpose

- Define 2-3 scenario options to evaluate in detail
- Create a scorecard to evaluate options



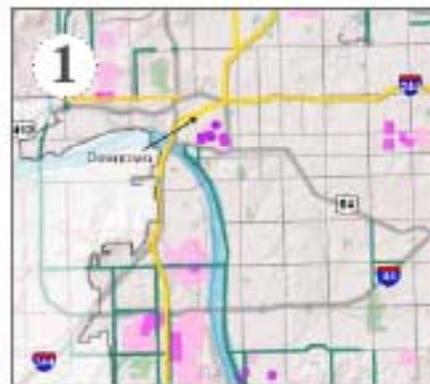
Policy areas tested in Phase 1

Shape local and regional choices, not choose a preferred alternative

Climate Smart Communities – Phase 2

What is a scenario?

- Shows a possible future
- Combines a variety of strategies and actions
- Compares choices and consequences
- Informs strategies to optimize outcomes
- Allows you to discover new strategies



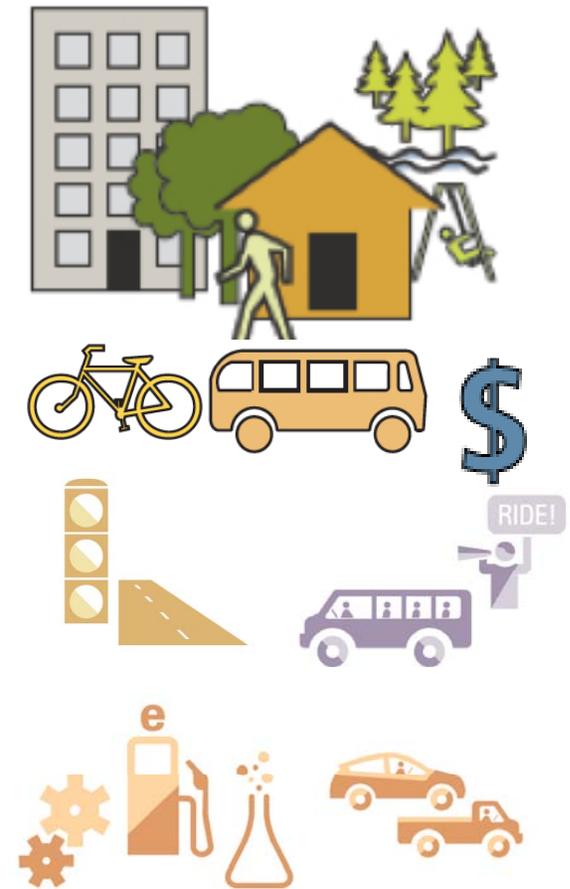
from www.PlaniTulsa.org

Climate Smart Communities – Phase 2

Framing the scenarios

The ingredients:

- Adopted community plans and visions serve as the foundation
- Statewide Transportation Strategy complements adopted plans
- Other strategies tested in Phase 1

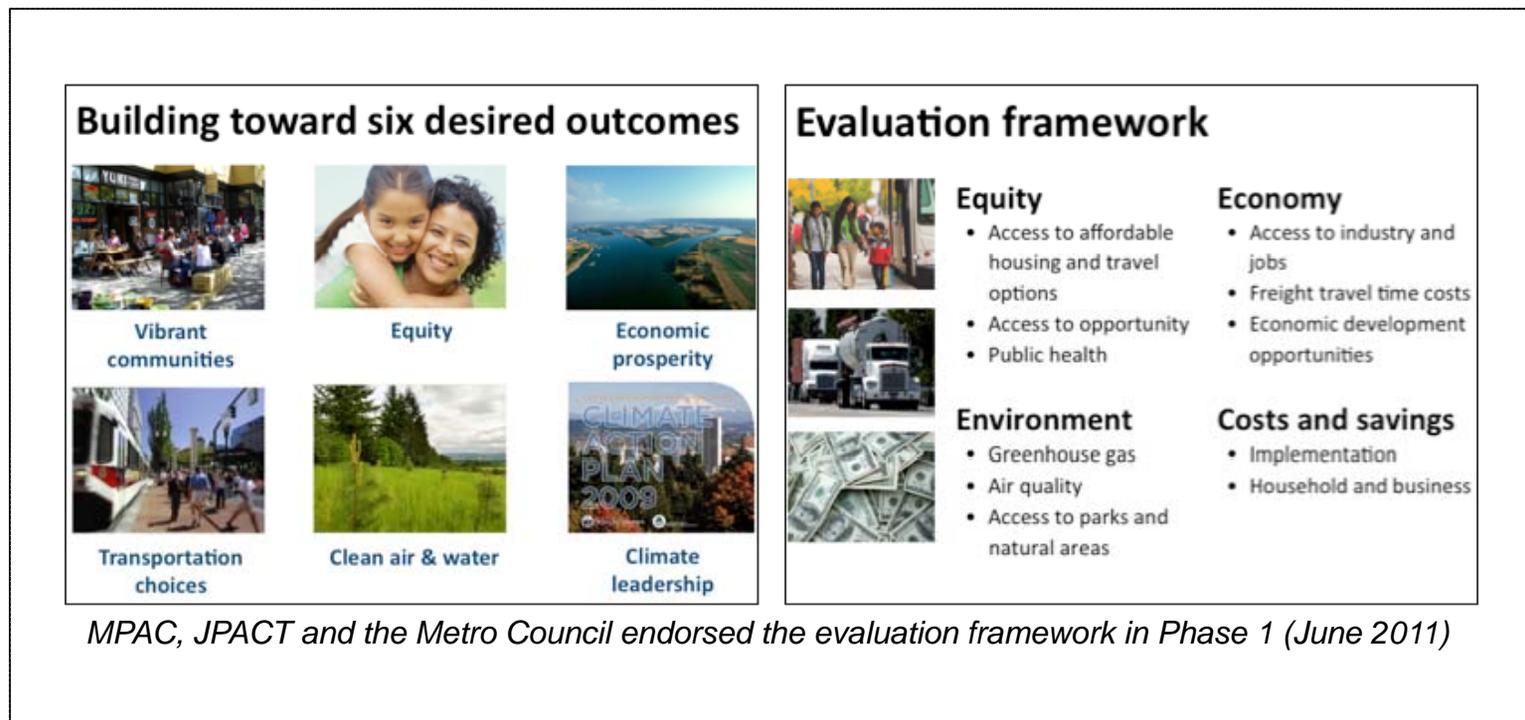


Climate Smart Communities – Phase 2

Creating a scorecard

Community and business leaders provide input on what outcomes are most important to evaluate scenarios

Outcomes-based Evaluation Framework – our starting point



Climate Smart Communities – Creating the scorecard

Additional outcomes sources



Coalition for a
Livable Future

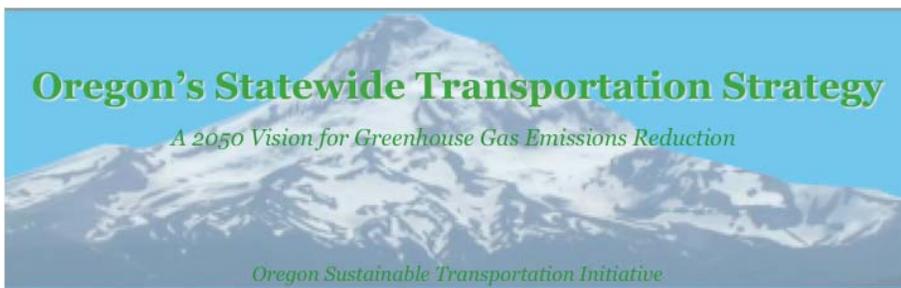
regional equity atlas
project

Metropolitan Portland's Geography of Opportunity

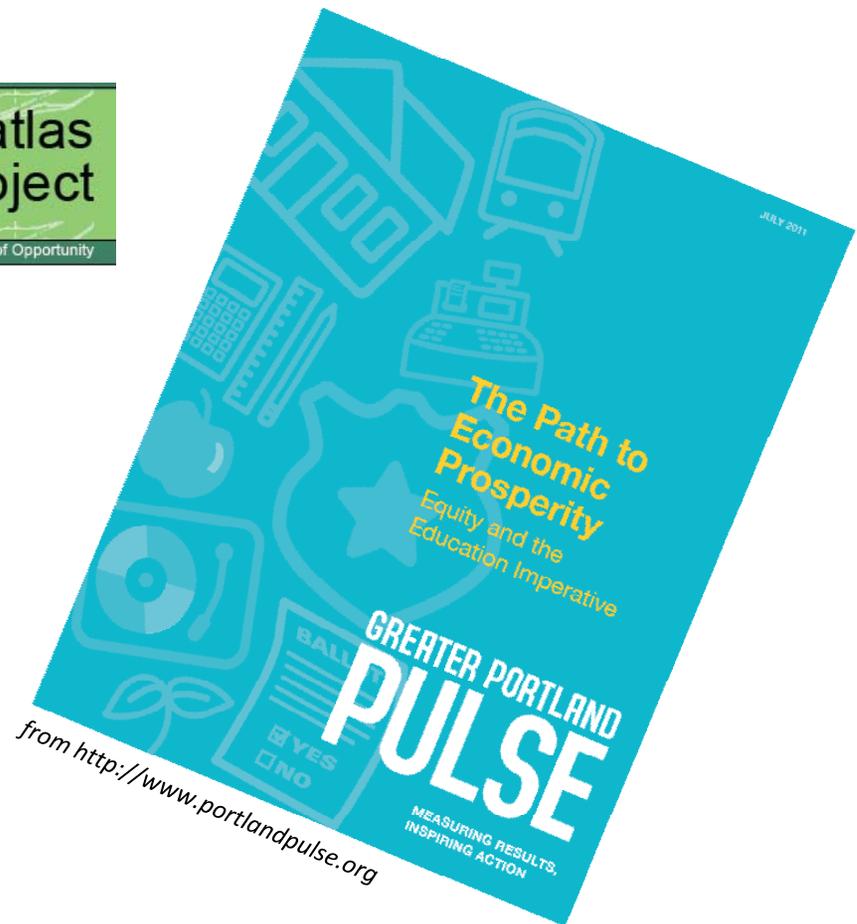
from <http://www.equityatlas.org>



from <http://www.oregon.gov/ODOT/TD/TP/pages/lcp.aspx>



from <http://www.oregon.gov/ODOT/TD/TP/pages/lcp.aspx>



from <http://www.portlandpulse.org>

Climate Smart Communities – Creating the scorecard

What is a scorecard?

priority outcomes to communicate tradeoffs

| SCENARIO INDICATORS | | View of downtown Tulsa | | |
|---|---|---|--|--|
| Compare each scenario's performance over the next couple of decades based on its impact on people, the economy, transportation and the community and environment. Each indicator is based on projections for the year 2030. | | A Trends Continue | B Main Streets | C New Centers |
| CATEGORY | MEANING | | | |
| PEOPLE | | | | |
| Population Growth out of a total 164,000 expected residents | Tulsa's future vitality depends a lot on its ability to grow. Each scenario performs differently in how it attracts newcomers to the city, instead of the suburbs. | 28,000 inside the city | 72,000 outside the city, suburbs | 101,000 outside the city, suburbs |
| New Housing Mix % of all new construction | Each scenario emphasizes a different mix of new kinds of housing. | 35% single family, 62% town house, 3% other | 50% single family, 33% town house, 17% other | 22% single family, 66% town house, 12% other |
| Total Housing Mix % of all housing units | But overall, each scenario would result in Tulsa remaining a city with a majority of single-family homes. | 35% single family, 62% town house, 3% other | 37% single family, 57% town house, 6% other | 32% single family, 63% town house, 5% other |
| ECONOMY | | | | |
| New Jobs Added out of a total 53,000 expected jobs | The City of Tulsa competes for jobs with the suburbs and other jurisdictions around it. Each scenario performs differently in how many new jobs Tulsa is able to attract. | 24,000 inside the city | 32,000 inside the city | 42,000 inside the city |
| Value of New Construction | Each scenario would stimulate a different amount of new construction investment in the city based on new growth. | \$5.1 billion | \$9.2 billion | \$14.5 billion |

| CATEGORY | MEANING | A Trends Continue | B Main Streets | C New Centers |
|--|--|---|---|---|
| TRANSPORTATION | | | | |
| Public Transportation Investments | Tulsa has historically dedicated almost all of its transportation investments to roads. Each scenario envisions a different emphasis on roads, transit, walking, and biking investments. | 99% road, 1% transit | 59% road, 41% transit | 59% road, 41% transit |
| How Will Tulsans Get Around? | Like in most American cities, most Tulsans will still use their cars to get around. But the ease of using transit, walking or biking varies with each scenario. | 95% people who ride transit each day, 4% people who walk or bike each day, 1% people who use cars | 85% people who ride transit each day, 9% people who walk or bike each day, 6% people who use cars | 85% people who ride transit each day, 8% people who walk or bike each day, 7% people who use cars |
| How Much Time Will Tulsans Spend Each Day in a Car? | Each scenario's transportation investment priorities affect the length of time the average Tulsan will spend in their car. | 56 mins/day | 46 mins/day | 45 mins/day |
| COMMUNITY & ENVIRONMENT | | | | |
| New Homes Built Near Tulsa Public Schools within 1/2 mile of a Tulsa public school | Each scenario would add a different amount of new homes and students near existing public schools in the city. | 2,363 | 10,072 | 8,932 |
| New Residents Living Near Parks & Open Space within 1/2 mile of parks, the Arkansas River, and open space | The number of new residents living near parks, the river, and open spaces is different for each scenario. | 14,262 | 41,022 | 53,180 |

from www.PlaniTulsa.org

Climate Smart Communities – Creating the scorecard

Measuring what matters

Outcomes

What are the most important results or outcomes to measure for the region?

Strategies

How do different strategies affect achievement of those outcomes, positively or negatively?

Indicators

What is the best way to measure progress toward the outcomes when comparing different combinations of the strategies (scenarios)?

Today's focus



Learn more about Climate Smart Communities Scenarios



Visit www.oregonmetro.gov/climatescenarios

Sign-up for updates at climatescenarios@oregonmetro.gov