



INVEST Demonstration

Demonstration of the FHWA/FTA INVEST Assessment Tool

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Puget Sound Regional Council

Who We Are:

- 82 cities/towns
- 4 counties
- 4 ports
- 6 transit agencies
- state agencies
- tribal governments



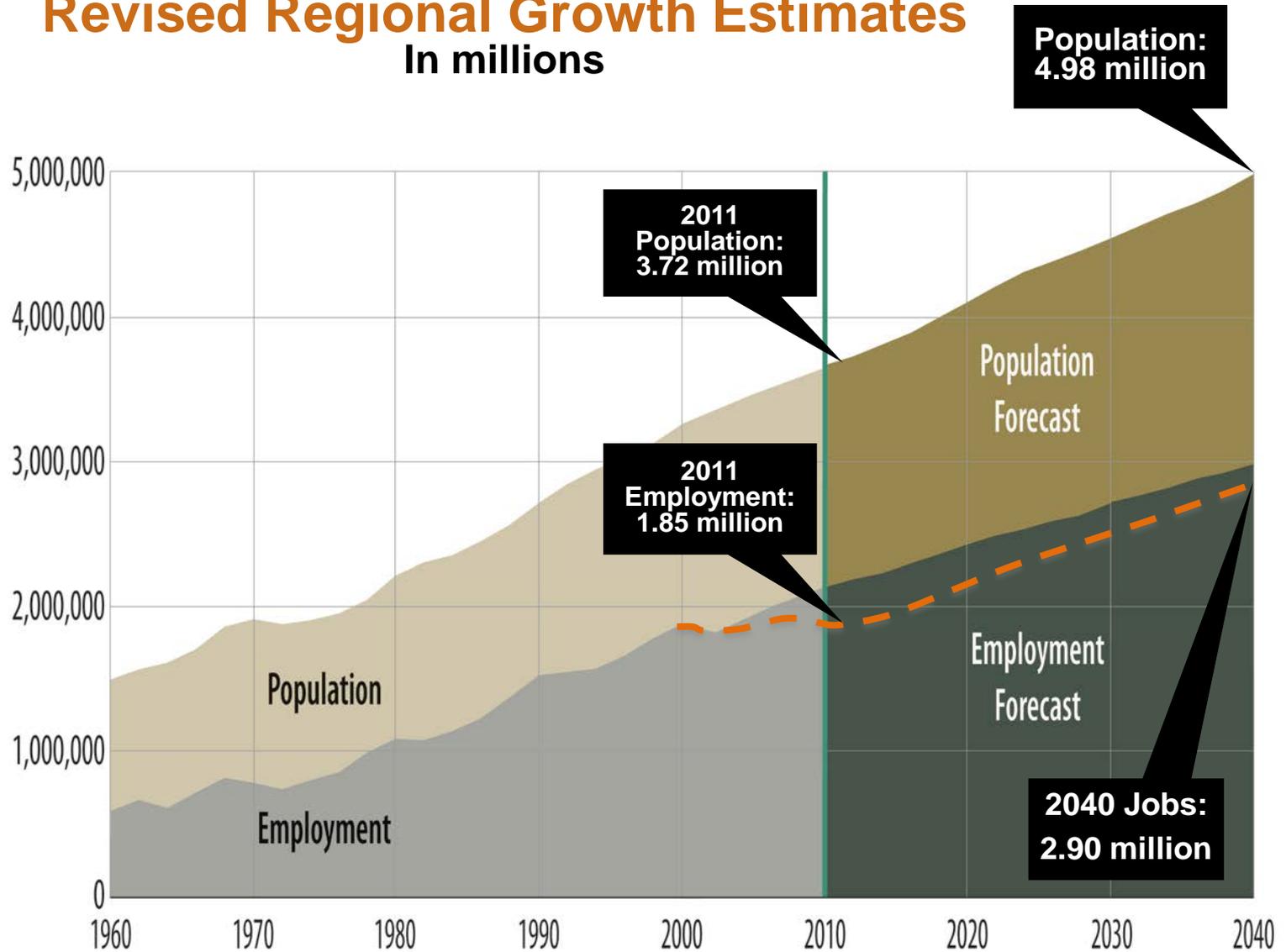
What We Do

- Federal (MPO), & State (RTPO) designated planning organization
- Transportation, Growth Management, Economic Planning
- Federal transportation funds to priority projects
- Regional data and forecasts
- Forum for regional issues
- Prosperity Partnership



Regional Growth

Revised Regional Growth Estimates In millions



In spite of economic fluctuations, the region has grown and is expected to continue to grow.

Transportation 2040

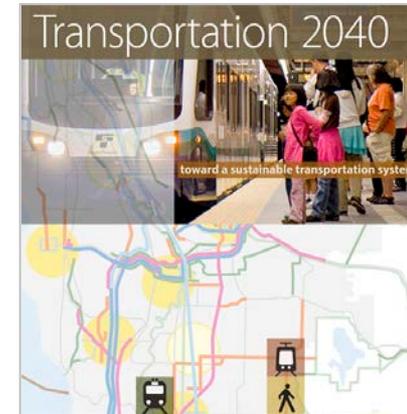
Adopted May 2010, and again in 2014

- Makes progress on major transportation system issues and informs near-term project decisions
- Aligns with VISION 2040 and the Regional Economic Strategy
- Responds to the 2040 growth forecasts for person and freight travel demand

What is different about this plan?

Sustainably supports improving:

- Mobility for all users and the movement of goods
- Environment including air (all regulated and GHG emissions) and water quality
- Transportation funding sufficient to sustain and improve the system



Recent Transportation 2040 Plan Update

- **Policy & Plan Structure:** Unchanged from 2010
- **Financial Strategy:** Recessionary impacts = \$15 billion revenue reduction
- **Cost:** Better estimates on city streets, county roads, bike/ped, local transit and state highways
- **State of Good Repair:** Remains highest priority
- **Project Prioritization:** New Regional Evaluation Framework, tied to VISION 2040
- **Transit & ferry programs:** Investment unchanged, based on efficiency



Full Plan = **\$211 Billion**

Constrained Plan = **\$173.6 Billion**

INVEST – 2012 Pilot Results

Transportation 2040's *sustainability strengths* include:

- Integrated Planning: Land use, economic, and natural environment which is a focus of the agency
- Financial Sustainability with the plan's movement towards a user based funding strategy that addresses mobility, environmental and financial objectives

Transportation 2040's could *improvement areas*:

- Asset Management and Infrastructure Resiliency
- Program Monitoring

General impressions on the draft tool:

- A good mechanism for evaluating the sustainability aspects of a metropolitan transportation plan
- Suggested some simplifications for Version 1.0
- Useful communications tool for our Board, members, public

INVEST: System Planning – 2013 Tasks

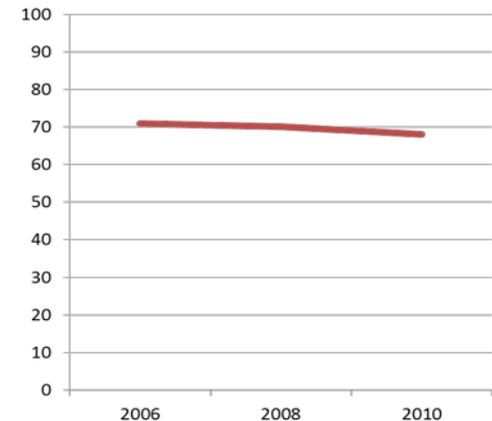
PSRC 3 Focus Areas:

1. Asset Management
2. Transportation Demand Management
3. Evaluate Transportation 2040 Update

Why a Regional Asset Mgmt Program?

- ✓ **Local budget pressures & increasing needs**
- ✓ **Fill data gaps**
- ✓ **Regional condition assessment**
- ✓ **Expanded understanding of all asset conditions**
- ✓ **Long-term needs and investment decisions**
- ✓ **MAP-21 requirements**

City Arterial and Collector Street Pavement Conditions





Asset Management Task

Reasons for this work:

1. Learn what other agencies do? (Peer review: MTC, SEMCOG, RTC Reno, Grand Valley Metropolitan Council)
2. Establish regional goals
3. How can we partner with local agencies in support of a regional program?
4. What tools do we need to carry out vision?
5. Provide a framework for an asset management program to support the next long range plan update



Asset Management Task

Key Take-Aways:

- ✓ Start simple with capacity to grow
- ✓ Consistent & comprehensive data is critical
- ✓ Secure stable funding for program implementation
- ✓ Develop dedicated revenue sources through a systematic process
- ✓ Allocate resources to a mix of preventative maintenance & larger cost projects
- ✓ Bridges are well addressed

Transportation Demand Mgmt Task

What did we do:

- ✓ Inventory current TDM activities across the region
- ✓ Best practices research of TDM performance measurement at MPOs across the country and development of a scope for a local effort
- ✓ Develop a scope of work for TDM monitoring and the enhancement of the regional TDM program

Transportation Demand Mgmt Task

What happened?

- ✓ Meetings across the region to develop inventory and learn about how performance is currently tracked
- ✓ A working group was formed to review and provide input
- ✓ A proposal for additional FHWA funds to utilize electronic fare card data to improve TDM performance measurement



T2040 Evaluation Recommendations

Performance-Based Planning and Monitoring

Continue work to incorporate performance-based planning principles consistent with MAP-21 requirements.

Incorporating Health Impacts into the Long-Range Planning Process

PSRC should better incorporate health and health-related goals in the regional planning process.

Transportation Demand Management

PSRC should work to develop TDM program monitoring and measurement framework at the local and regional scale.



T2040 Evaluation

Analysis Methods

Incorporate the stated sustainability principles and identify resources necessary to carry out activities contained in the agency's budget.

Asset Management

PSRC should develop a regional asset management planning approach that allows for systems-level, performance-based analyses.

Infrastructure Resiliency

PSRC should evaluate ways in which it can add value in transportation system security and infrastructure resiliency planning.

QUESTIONS?

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