

STAKEHOLDER WEBINAR



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Today's Agenda – *60 minutes*

- During this webinar, send us any written
- Introduction – *5 minutes*
- Presentation: The Scenario Approach to Long-Range Planning – *25 minutes*
- Responses to Your Initial Inquiries – *20 minutes*
- How to Give Us Your Detailed Comments – *5 minutes*
- Next Steps in the Plan – *5 minutes*

How You Can Contribute

- During this webinar, send us any written comments or questions:
 - Hit the “**Q&A**” button
 - Type in your comment or question
 - Hit the “**Ask**” button and it will be submitted
- Later on in the webinar, we’ll orally respond to as many questions and comments as we can.
- After the webinar, we’ll send out written responses to all attendees.
- Also, we’ll ask you to fill in a survey at www.surveymonkey.com/s/transformct

What is *TransformCT*?

Why is it different from other CTDOT plans?

- First to support **broader state goals**
- First to define a broad **'vision'** for transportation
- Most extensive **public engagement** effort ever
- Will set major **policy directions** & major **investment strategy** for at least next 20 years.



Vision

- ***The economy is strong***, in part because the state has helped improve and sustain multimodal and intermodal opportunities – and these continue to contribute to an environment in which businesses and people can thrive.
- Transportation ***infrastructure and services*** provide safe and efficient mobility to move people and goods both within and beyond the state borders.
- ***Congestion*** is manageable, ***air quality*** is good, and ***energy conservation*** is maintained.
- The ***natural environment*** is protected.
- ***Livable communities*** in urban, suburban, and rural settings are sustained and continually enhanced by an accessible transportation system and significant placemaking efforts.

Goals



Quality of Life



Livability and Resilience



Economic



Deliverability

Specific Goals



Quality of Life

- **Safe** and **secure** travel for people and goods for all modes.
- Equity through **mobility** and **accessibility**.
- **Accessibility** for the **aging**.
- **Increase travel options** via integration of transportation and land use.

Specific Goals



Livability & Resilience

- Access to **affordable** and **environmentally conscious** transportation.
- Commitment to broad definition of mobility, including **bicycling** and **walking**.
- Support **livable** and **sustainable** communities.
- Maintain an **environmentally friendly** and **resilient** transportation system.

Specific Goals



Economic

- Efficient and effective transportation for people and goods to **support economic growth.**
- **Connectivity** to national & global markets.
- Improve goods movement to CT to **reduce business costs.**
- Maintain sound infrastructure to improve **reliability** and **lower costs to users.**
- **Revitalize** regional centers.

Specific Goals



Deliverability

- Improve CTDOT's ability to deliver **effective** and **timely transportation solutions**.
- Reduce barriers to **collaboration** among state, local, and cross-state entities.
- Develop **viable revenue** sources for transportation.

Scenario Approach to Long-Range Planning

- Describe *TransformCT*'s **alternative scenario development** and **evaluation criteria**.
- Solicit your feedback to make these concepts as **clear, meaningful, and relevant** as they can be.

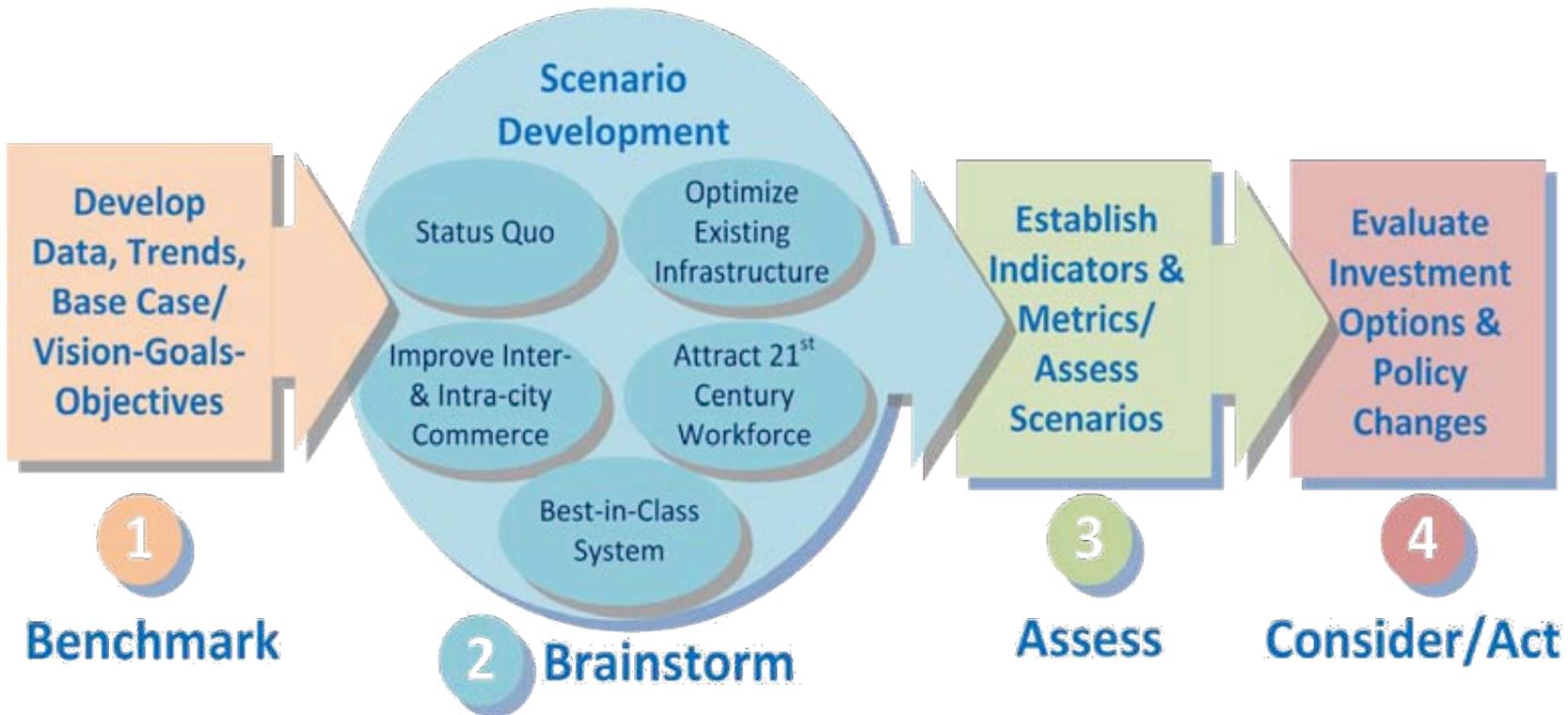
What Is Scenario Planning?

- A **systematic examination** of the state's future **needs and performance** that compares a set of alternative future scenarios.
- Enables state's citizens and government to examine the long-term consequences of current trends and identify the **opportunities and challenges** we face in the years ahead.

Why Conduct Scenario Planning?

- **Scenarios are a way to think about the implications of decisions in an uncertain future**
 - Different choices and decisions produce different outcomes.
 - Put bounds around the complexity of the future: Isolate a few variables and analyze impacts.
 - Illustrates interconnectedness of development, transportation, economy and energy.
 - Assess different combinations of highway and public transportation, rather than either/or.
 - Doesn't determine right answer – shows trade-offs.

Scenario Planning Process



CT's Scenario Context –

Economic and Demographic Factors

(Selected insights from stakeholder feedback)

- Center of Northeast Corridor
- Linkages to NYC are critical – especially SW CT
- Excellent cultural and educational institutions
- Outstanding tourist destinations
- Base of several stable industries
- Most of population in urban centers
- Fiscal constraints
- High-cost state
- Slow-growing, aging population - growing transit dependent population

Connecticut's Scenario Context –

Transportation Factors

(Selected insights from stakeholder feedback)

- Significant infrastructure near end of useful life
- Severe congestion, especially on parts of I-95 and I-84
- Multimodal system critical in SW CT
- Rail – reliability, capacity and infrastructure conditions
- Freight will remain heavily truck-dependent
- Local road systems are mature
- Good airport access to Northeast

Scenario Themes

These are trends that we try to address in the scenarios or that shape the scenarios in some way

- Access and mobility between cities
 - Improve connections to NY & Boston, *to balance with demand*
 - Improve connections between CT destinations, *to balance with demand*
- Access and mobility within cities
 - Encourage development near transit and walk/bike networks, *to recognize latent demand*
 - Increase frequency and coverage of public transportation
- Access and mobility in low-density areas
 - Strengthen network of services for transit-dependent populations

Scenario Themes (Continued)

- Achieve and maintain state of good repair
 - Roads
 - Bridges, tunnels and culverts
 - Signs, guardrail, building and equipment
 - ITS, signals, traffic management centers
 - Buses
 - Stations
 - Rail cars and locomotives
 - Power & Communications
 - Tracks

Scenario Themes (Continued)

- Achieve economic growth
 - Increase regional and national competitiveness
 - Increase attractiveness to workforce talent
- Reduce environmental damage caused by vehicles
 - Shorten trips
 - Make walking and biking safer and easier
 - Invest in less damaging vehicle technologies
 - Expand high-occupancy services
 - Reduce vehicular demand

Scenario Themes (Continued)

- Financial considerations
 - Constraints imposed by current revenue streams
 - Unconstrained by current revenue streams
 - No assumption of new revenues

Scenario Unknowns

What impacts could these create?

- Technological revolutions
 - Self-driving vehicles
 - Drones
 - Car-sharing
 - Cheaper energy
- Other unknowns
 - Recurring, severe weather events
 - Petroleum supply disruption
 - Economic upturn or downturn

Draft Scenarios

Draft Scenario 1

- **Status Quo:**
 - No new funding
 - Focus on maintaining system
 - Likely some degradation
 - Very limited ability to expand
 - Likely some service contraction

- **Optimize Existing Infrastructure**
 - Reduction in funding
 - Greater emphasis on State-of-Good-Repair
 - Modest level of mobility investments to stabilize congestion
 - Maintain current conditions elsewhere

Draft Scenarios

Draft Scenario 3

- **Improve Intercity and Interstate Trade and Commerce:**
 - Some funding increase
 - Recognizes that CT's economic future is directly tied to NYC and Boston
 - Emphasis on improving passenger mobility and SOGR needs in I-95 and I-84 corridors
 - Address long-distance freight mobility and SOGR needs in corridors
 - Do best to maintain current conditions elsewhere

Draft Scenarios

Draft Scenario 4

- **Attract 21st Century Workforce**
 - Some funding increase
 - Focus investments in existing urban centers
 - Emphasis on multimodal investments
 - Do best to maintain current conditions elsewhere

- **Best-in-Class System**
 - No funding constraint
 - Focus on achieving performance targets and plan goals/objectives cost-effectively
 - Reduce user costs and non-user costs for congestion, safety, operation and environmental impacts

Scenarios-in-a-Glance

	<u>Scenario 1</u>	<u>Scenario 2</u>	<u>Scenario 3</u>	<u>Scenario 4</u>	<u>Scenario 5</u>
	Status Quo	Optimize Existing Infrastructure	Improve Intercity & Interstate Commerce	Attract 21 st Century Workforce	Best in Class System
General Association with Funding Levels	Current Funding Levels	Reduced Funding	Increased Funding	Increased Funding	Unconstrained
Highway Emphasis					
Transit Emphasis					
Urban Emphasis					
Intercity Connectivity Emphasis					

Low Emphasis:

Some Emphasis:

High Emphasis:

Optimal Emphasis:

Scenarios: Assessment

- Quantitative
 - Cost/benefit: user costs and agency costs to build and maintain
 - Costs include travel time, vehicle operating, emissions, safety and maintenance
 - Economic impact: how changes in transportation costs benefit businesses and households

Scenarios: Assessment

- Qualitative
 - Impacts to travel markets
 - By geography (urban, rural)
 - By broad demographic stratification (age, income)
 - By impact type (health, quality of life, access to destinations)
 - Goal area assessment

Responding to Your Initial Comments and Questions

You can still send in comments or questions:

- Hit the “Q&A” button*
- Type in your comment or question*
- Hit the “Ask” button and it will be submitted*

Give Us More of Comments

- We need your input on what you have seen so far?
 - Is it clear to you ?
 - Is it relevant to you?
 - How can we make it better?
- Complete the 10-minute survey at:
www.surveymonkey.com/s/transformct
- Please submit by ***Monday, November 3.***

Next Steps

- We'll use your input to revise and complete our scenario development and evaluation criteria.
- *We'll share our results with you.*
- We'll evaluate and rank scenarios.
- *We'll share our results with you.*
- We'll present to the public and the legislature.