

2040 Vermont Long-Range Transportation Plan Update

STAKEHOLDER MEETING #2

VERMONT AGENCY OF TRANSPORTATION

NOVEMBER 15, 2017



Agenda

1. Welcome & Introductions
2. Recap of Major Long-Range Issues
3. Overview of Regional Planning Commission TAC input
4. Discuss Draft Themes and Focus Areas
5. Wrap up and next steps

Summer 2017

Stakeholders Mtg #1 and visit Transportation Advisory Committees (TACs) to review Draft Existing Conditions & Future Trends Report

December 2017

Publish Draft Priorities and Policies summary for comment

Spring 2018

Publish draft LRTP for comment and adopt upon completion

Stakeholders Mtg #2 to review regional TAC input & develop Priorities and Policies

Fall 2017

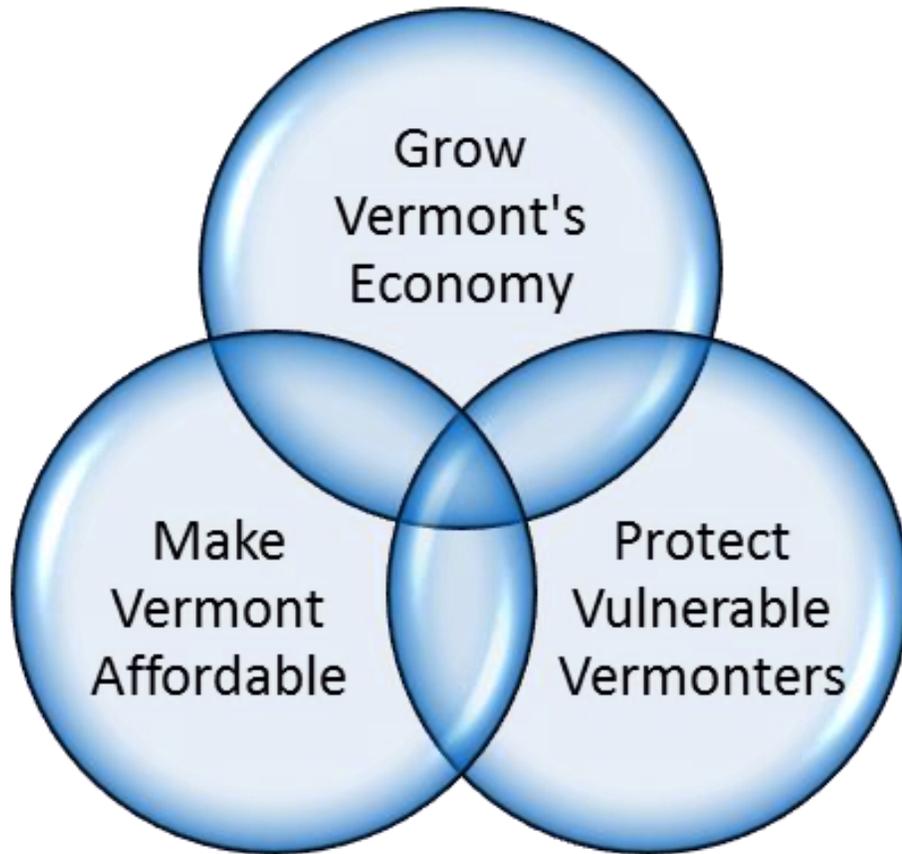
Stakeholders Mtg #3 and visit Transportation Advisory Committees (TACs) to review Draft Priorities and Policies summary

Winter 2018



Vision

“A safe, reliable, (and accessible), multimodal transportation system that promotes (which enhances) Vermont’s quality of life and economic well-being”



How can transportation
serve these goals?

Issues Overview

Population & Demographics

Funding

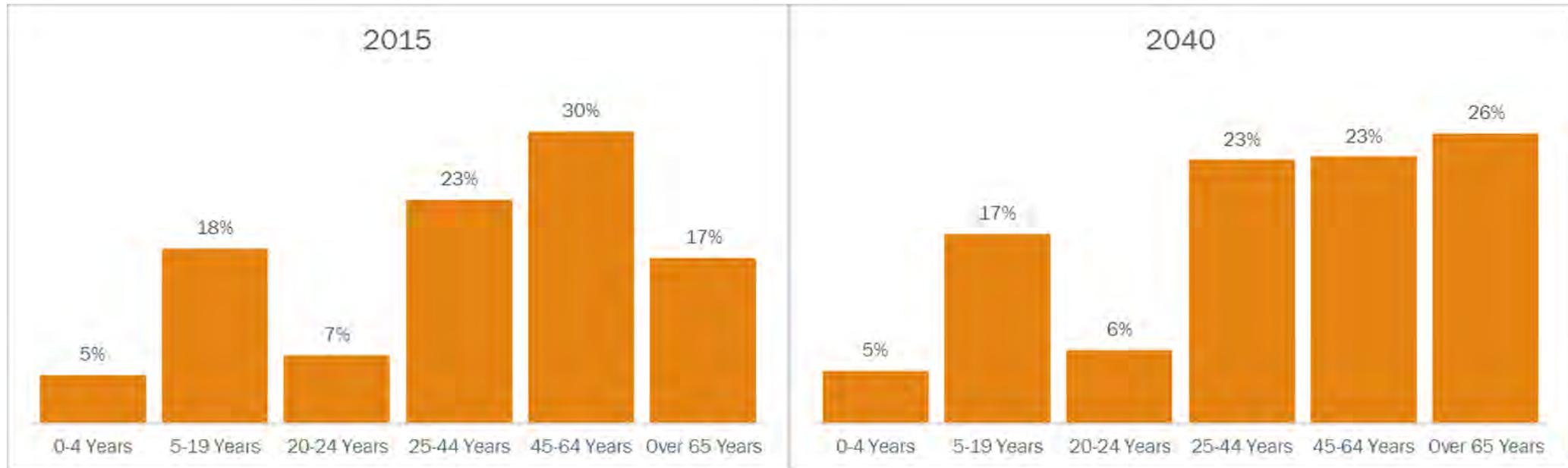
Energy & Environment

Alternative Fuels

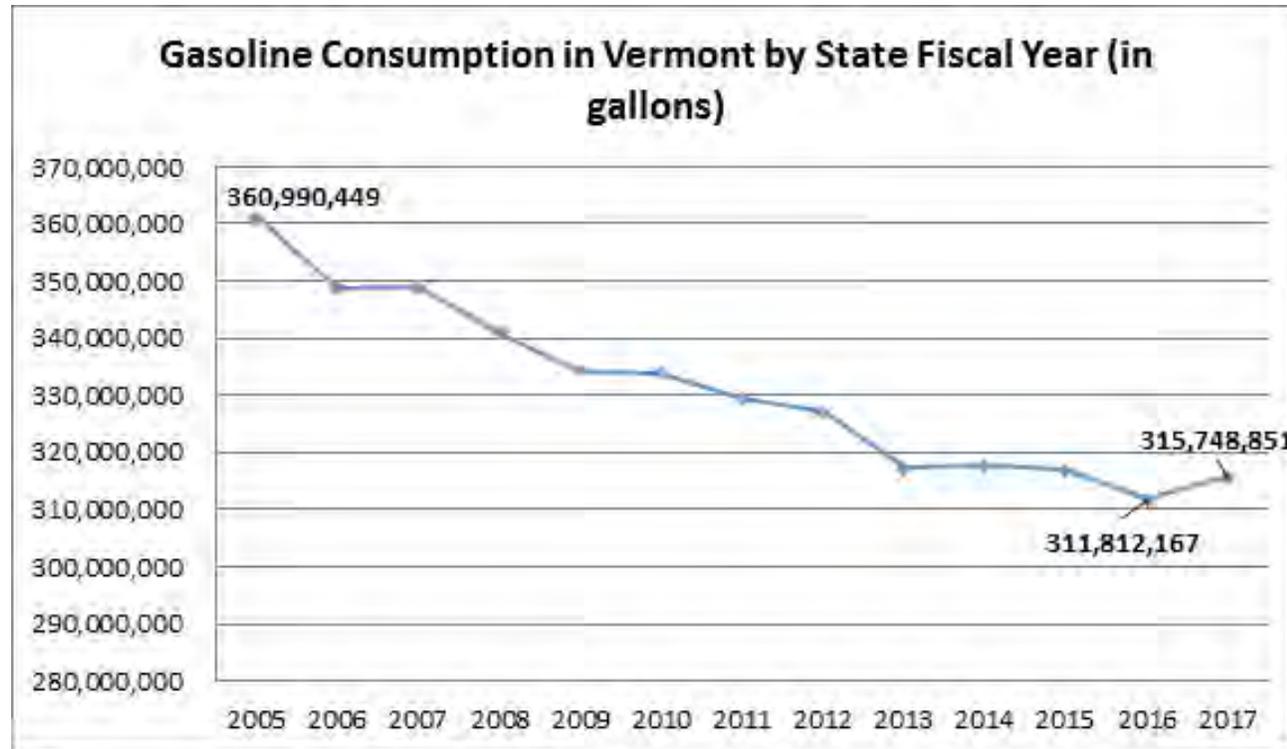
Technology

Transportation & Land use

Population **growing slowly** for past decade and **proportionately older**

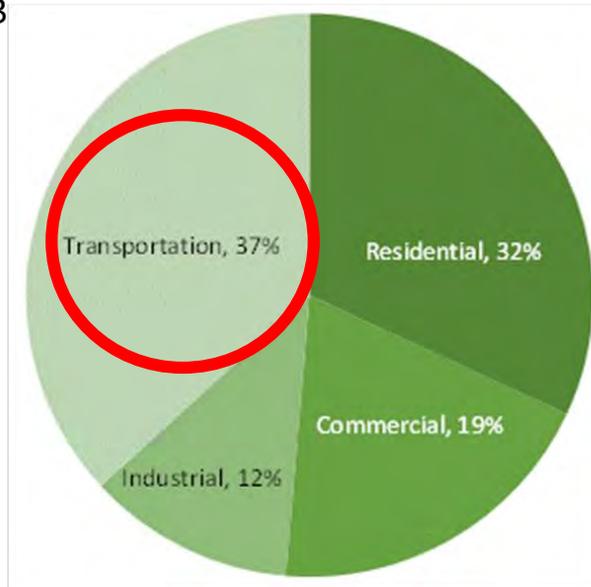


Gasoline and diesel fuel tax receipts weakening as a revenue source



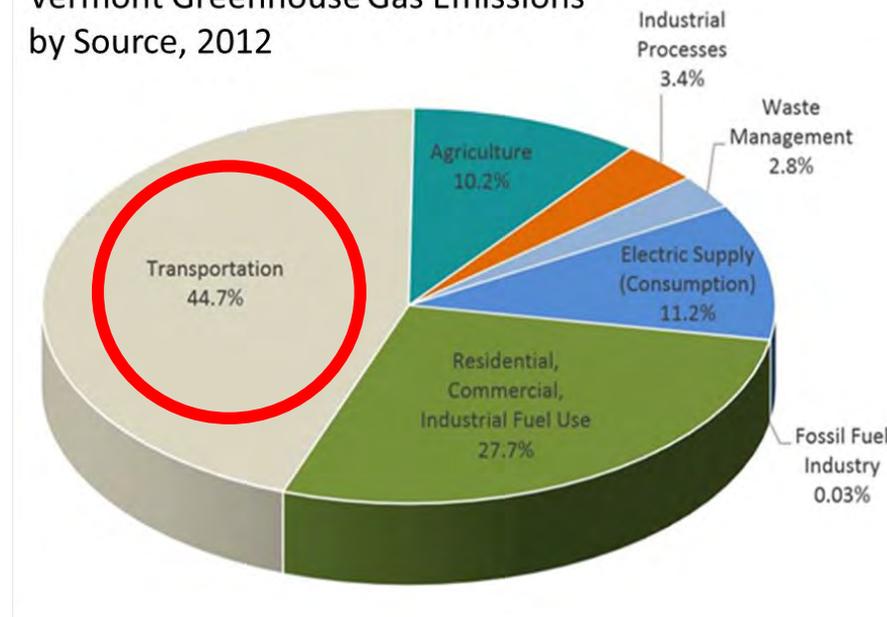
Transportation is largest end use of energy and GHG emissions source

Vermont Energy Consumption by Sector, 2013



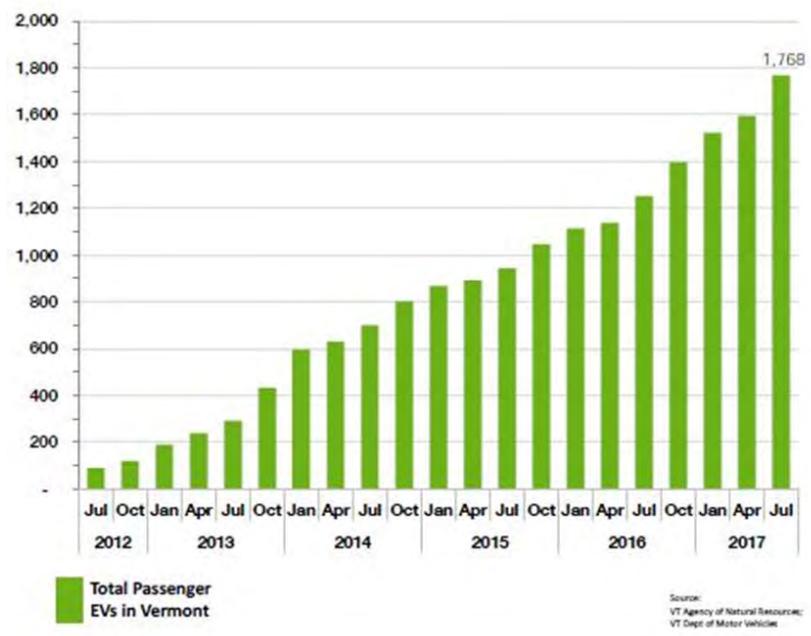
Source: 2016 VT Comprehensive Energy Plan/U.S. EIA, 2015

Vermont Greenhouse Gas Emissions by Source, 2012



Source: 2016 VT CEP/ANR

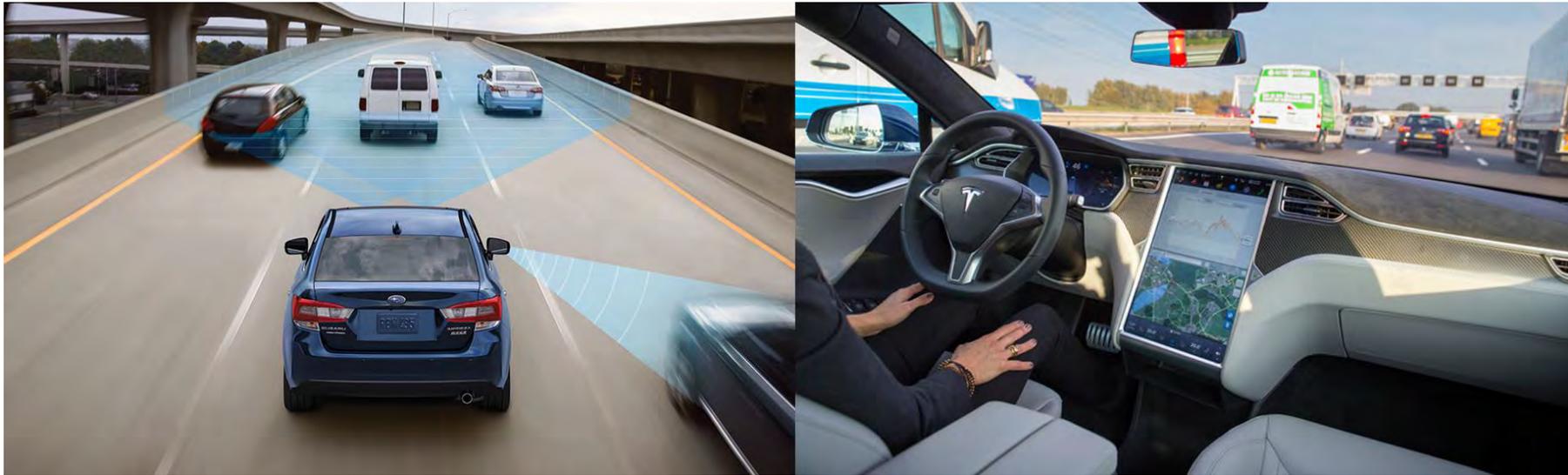
Electrification of the transportation system is steadily taking place

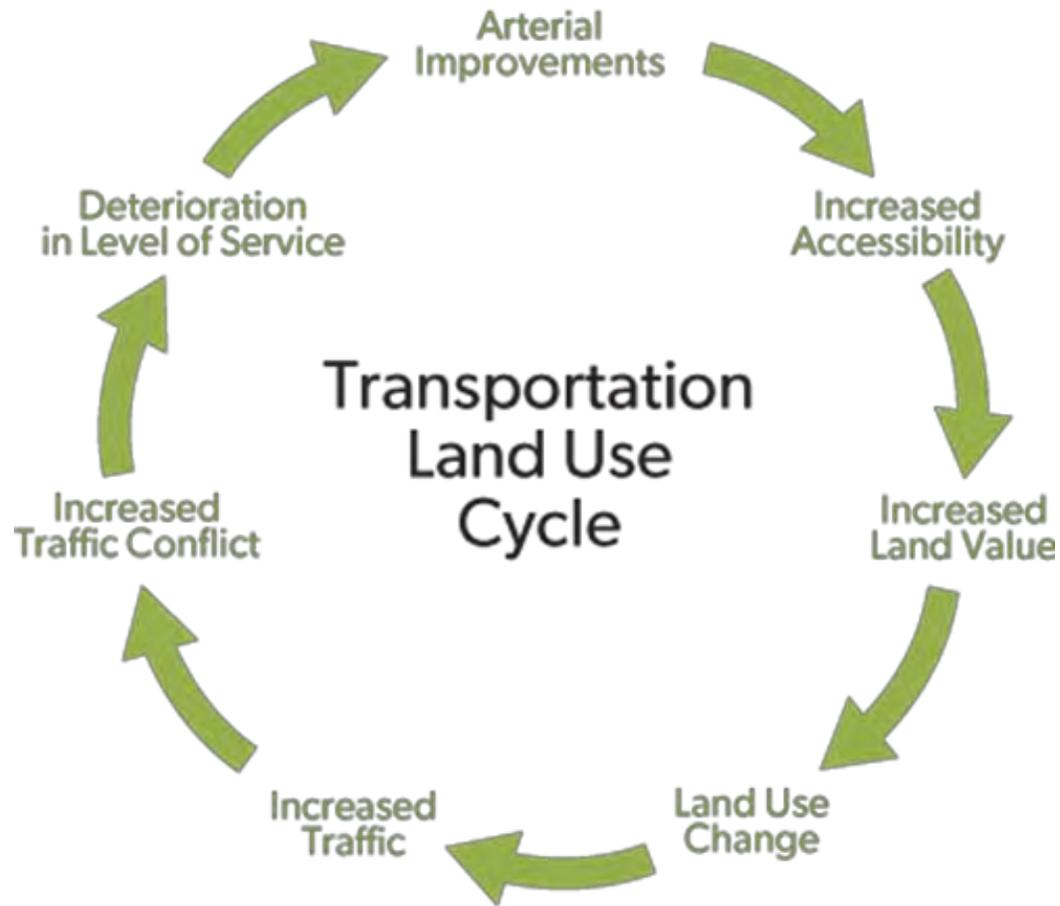


Source: driveelectricvermont.com



Connected and automated vehicle technology is evolving quickly and promises to increase safety and mobility





Land development and transportation **system function** are inextricably linked

Holistic **corridor planning** becomes increasingly important

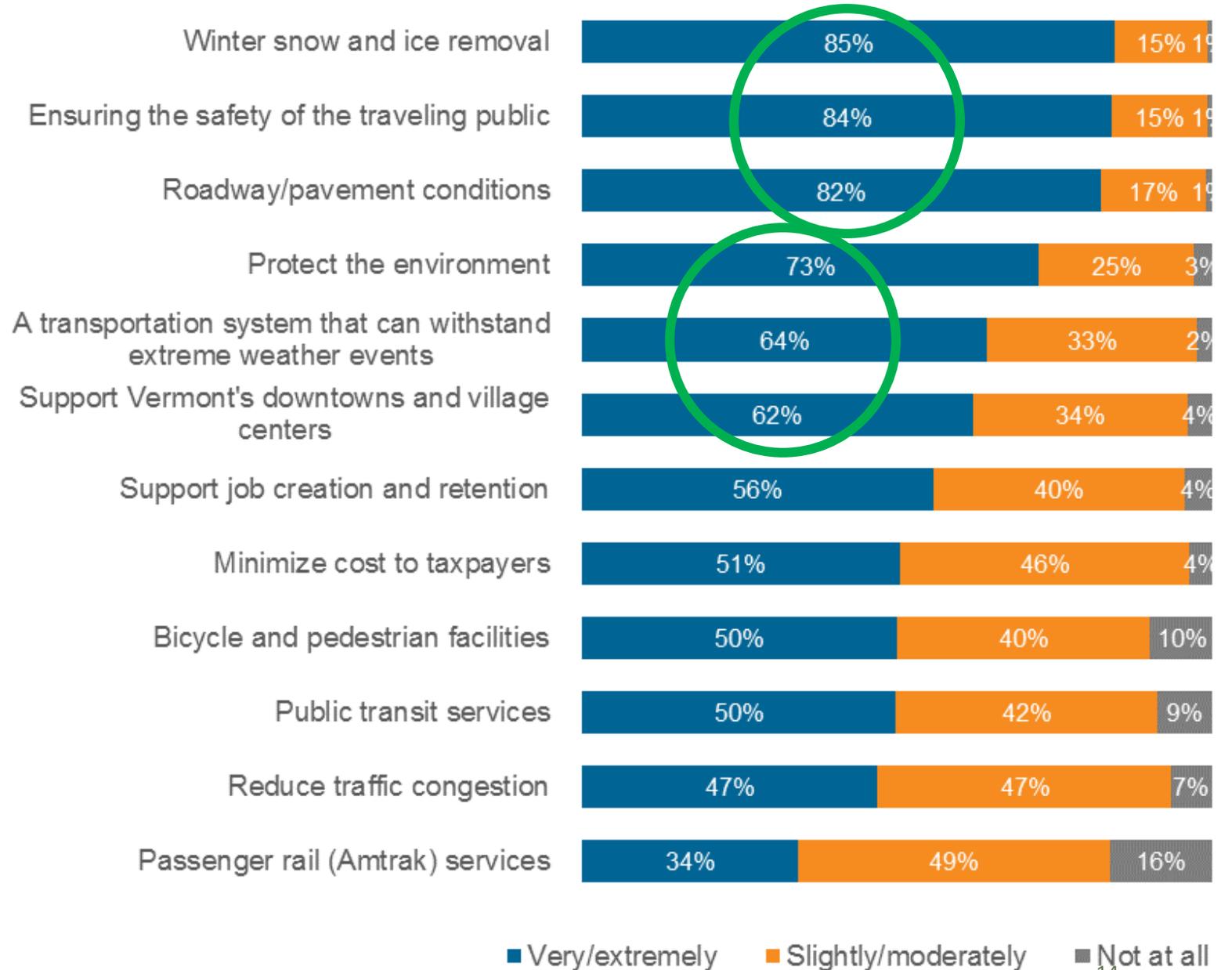
How important are the following services & issues to you?

➤ 2000 & 2006 top 3:

1. Safety
2. Environment
3. Preserve Landscapes and Village Character

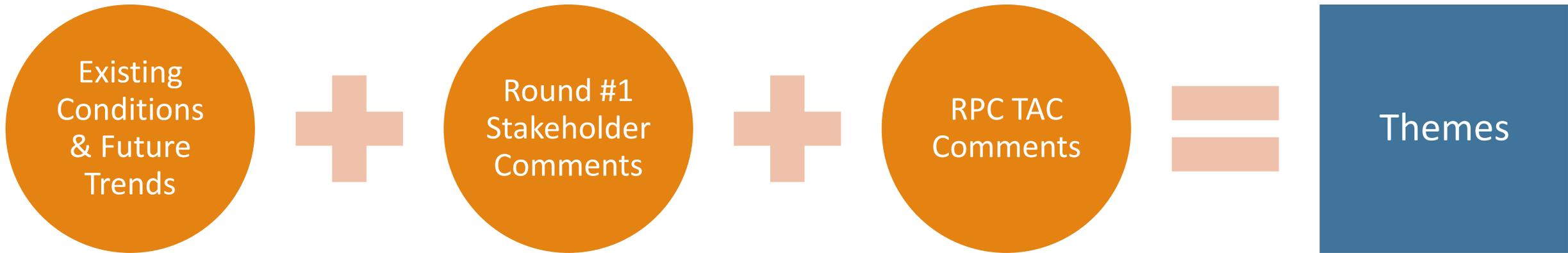


2016 Statewide Transportation Public Opinion Survey



TAC Outreach – additional issues and areas of emphasis

- Bicycle and pedestrian safety (trucks)
- Youth mobility
- Build more roundabouts (but teach people how to use them)
- Increase public transit service
- Consider automated speed enforcement
- Highway runoff is a major issue for small towns
- Registration fees are climbing rapidly
- Encourage / don't discourage Uber and other shared mobility technologies



Safety &
Security

System
Preservation &
Optimization

Mobility

Economic
Vitality

Environmental
Stewardship

Livable,
Healthy
Communities

1. Are these the right Themes?
2. Is there a “home” for all of the issues within one or more of these Themes?
3. Are there other Themes?
4. Can they be consolidated?

Themes

Proposed Focus Areas

<p>1. SAFETY & SECURITY</p>	<p>1) Reduce crashes, injuries and fatalities on Vermont highways</p> <p>2) Reduce incidents at work zone sites</p> <p>3) Reduce derailments and grade crossing incidents along Vermont's railroads</p> <p>4) Provide airport safety at all publicly-owned commercial and general aviation system airports</p> <p>5) Reduce impacts of severe weather events on the transportation system</p> <p>6) Coordinate and provide disaster response services</p>
<p>2. SYSTEM PRESERVATION AND OPTIMIZATION</p>	<p>1) Make strategic investments to ensure improving conditions for highways, railways, airports, and public transit facilities</p> <p>2) Provide a transportation system that adequately serves current and forecast demand at an acceptable level of service</p> <p>3) Preserve and maximize operational efficiency of all existing transportation modes</p> <p>4) Identify new funding sources to support the capital, maintenance and operational costs of strategic transportation improvement programs and investments</p> <p>5) Streamline and expedite the project development and permitting process</p>

Themes

Proposed Focus Areas

3. MOBILITY	1) Improve transportation connections between modes for passenger and freight
	2) Provide for non-motorized forms of transportation such as walking and bicycling
	3) Expand local and intercity public transit and rail services
	4) Increase awareness of transportation options for residents and visitors
4. ECONOMIC VITALITY	1) Invest in highways and bridges, railroads, airports, and public transit facilities key to Vermont's economy
	2) Grow tourism-oriented transportation services
5. ENVIRONMENTAL STEWARDSHIP	1) Reduce negative water quality impacts associated with transportation facilities
	2) Reduce air pollution associated with fossil fuels used in transportation
	3) Reduce the overall level of energy use by the transportation system
6. LIVABLE, HEALTHY COMMUNITIES	1) Maintain and strengthen village vitality and town centers



Next Steps

1. VTrans Staff Stakeholder meeting November 29th
2. Executive Staff presentation
3. Refine Themes & Focus Areas; develop Draft Solutions - publish for Comment
4. Develop Draft Plan

Thank you

Existing Conditions Report, 2016 Transportation Survey, this presentation and more, posted at:

vtrans.vermont.gov/planning/long-range-plan

Please forward comments and questions to Dave Pelletier at:

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