

2040 Vermont Long-Range Transportation Plan Update

HOUSE COMMITTEE ON TRANSPORTATION

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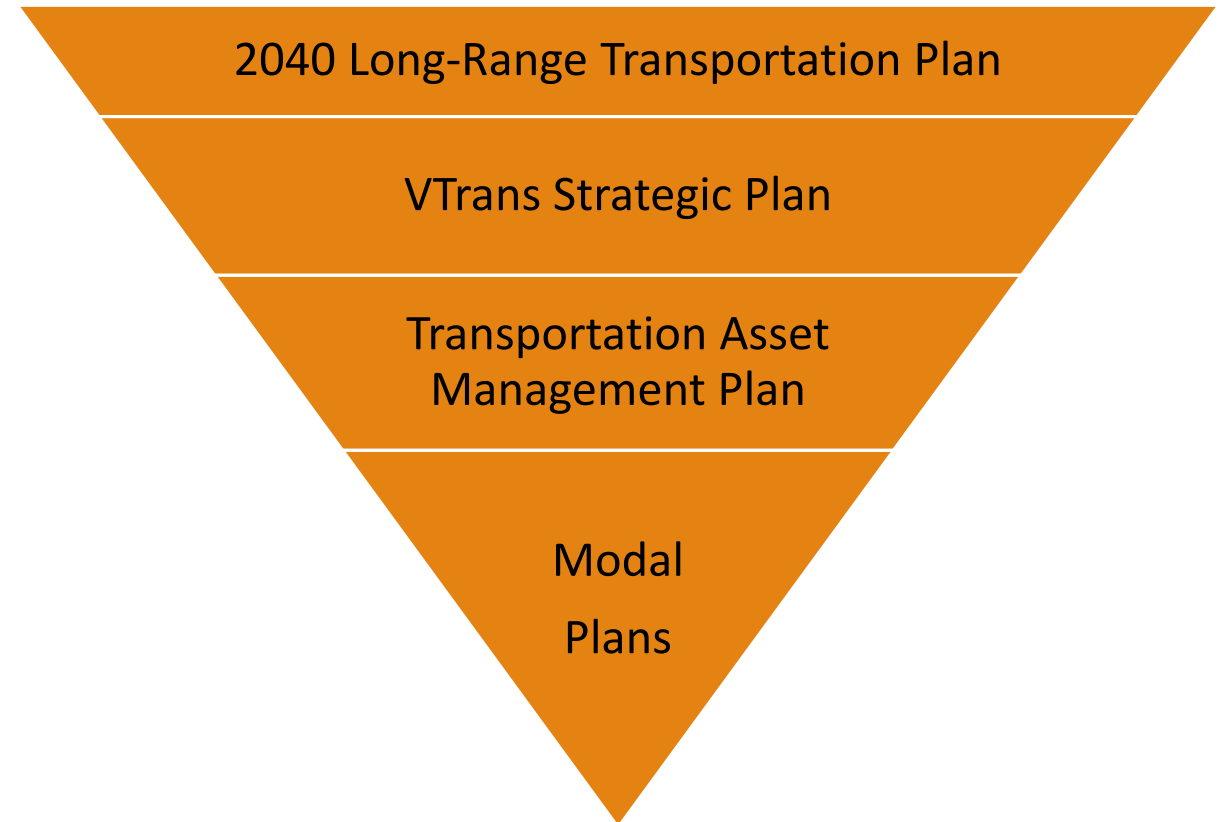


Agenda

1. Purpose of the Long-Range Transportation Plan (LRTP)
2. Process & Timeline
3. Issues Overview
4. Draft Themes
5. Next steps

L RTP Purpose

1. Vermont's LRTP guides transportation decision-making and investments over the next 20 years through establishment of priorities.
2. Updated periodically to ensure we are on the right path in terms of policies and investment priorities.
3. Addresses changes in federal policies (over 50% of transportation funding).
4. Guides the development of other plans.



2040 Vision

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

External Stakeholders

- VT Agency of Natural Resources (ANR)
- VT Agency of Human Services – Department of Health (AHS/VDH)
- VT Agency of Commerce and Community Development (ACCD)
- VT Department of Public Safety (DPS)
- VT Public Service Department (PSD)
- Premier Coach / Vermont Translines
- Local Motion
- VT League of Cities and Towns (VLCT)
- VT Association of General Contractors (VT AGC)
- VT Truck & Bus Association (VTBA)
- VT Association of Planning & Development Agencies (VAPDA)
- American Association of Retired Persons (AARP)
- VT Association of the Blind and Visually Impaired (VABVI)
- VT Center for Independent Living (VCIL)
- VT Chamber of Commerce
- Chittenden County Regional Planning Commission (CCRPC/MPO)
- VT Public Transit Association (VPTA)
- Green Mountain Transit (GMT)
- Federal Highway Administration (FHWA)
- Federal Transit Administration (FTA)





Change since the last LRTP update

1. New Leadership: Governor Scott's Three Primary Goals
 - Grow Vermont's economy
 - Make Vermont more affordable
 - Protect vulnerable Vermonters
2. New Federal Legislation (MAP-21 & FAST Act)
 - New focus on performance-based management (condition of infrastructure, and congestion on the National Highway System)
3. Changing demographics and preferences
4. Climate change and the effects of severe weather events
5. Changes in technology

Issues Overview

Population & Demographics

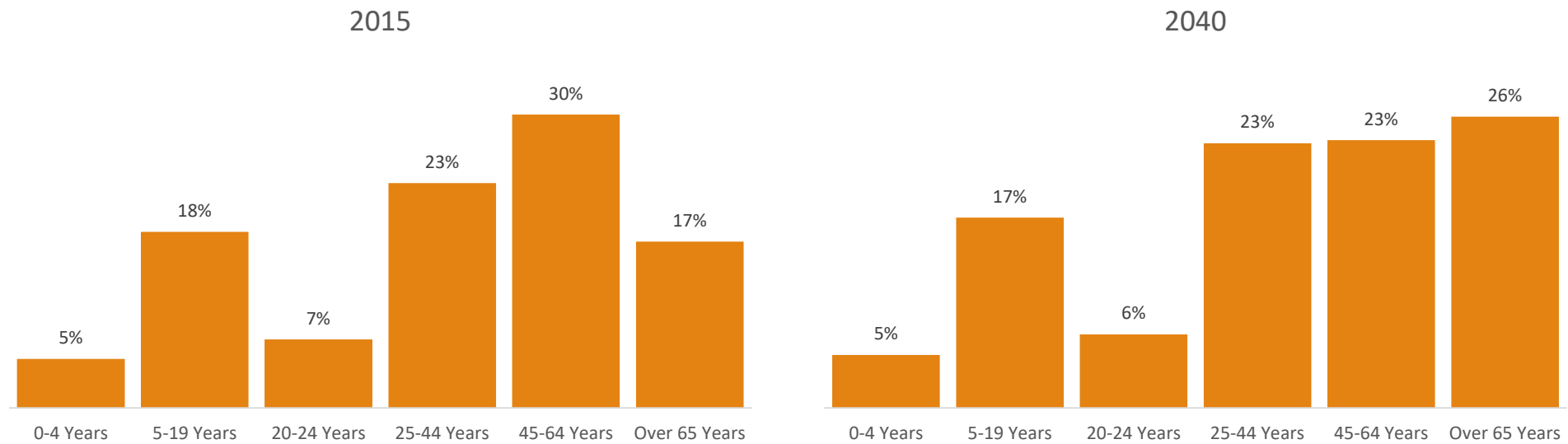
Funding & Finance

Energy & Environment

Alternative Fuels & Technology

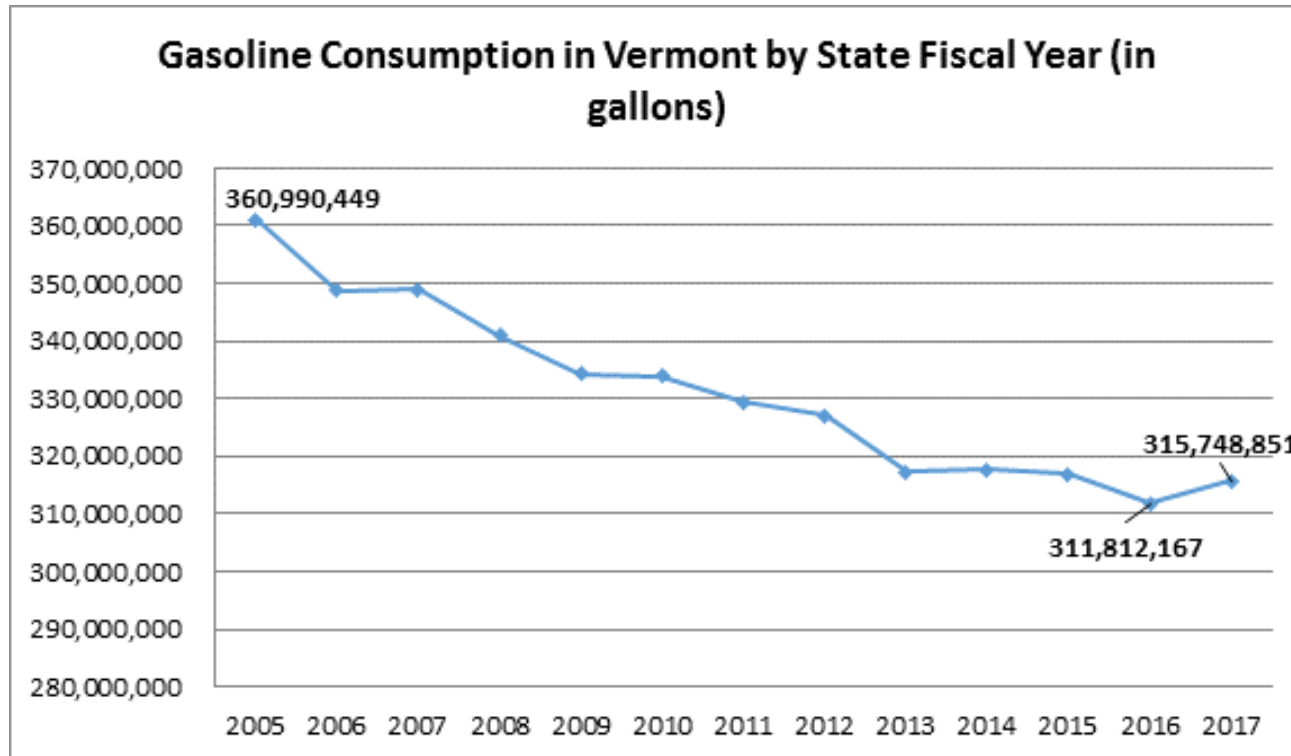


Population **growing slowly** for past decade and **proportionately older**



Source: Demographic & Economic Trends & Forecasts Report, RSG & EPR, 2016

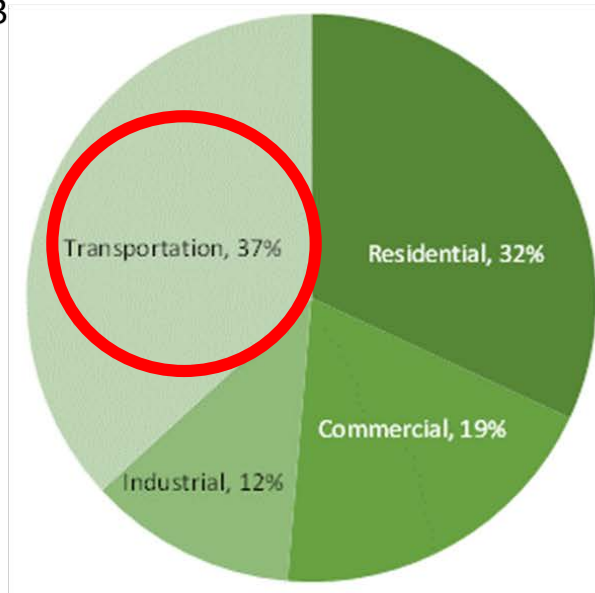
Gasoline and diesel fuel tax receipts weakening as a revenue source



Source: Vermont Joint Fiscal Office – Gasoline & Diesel Revenues Report

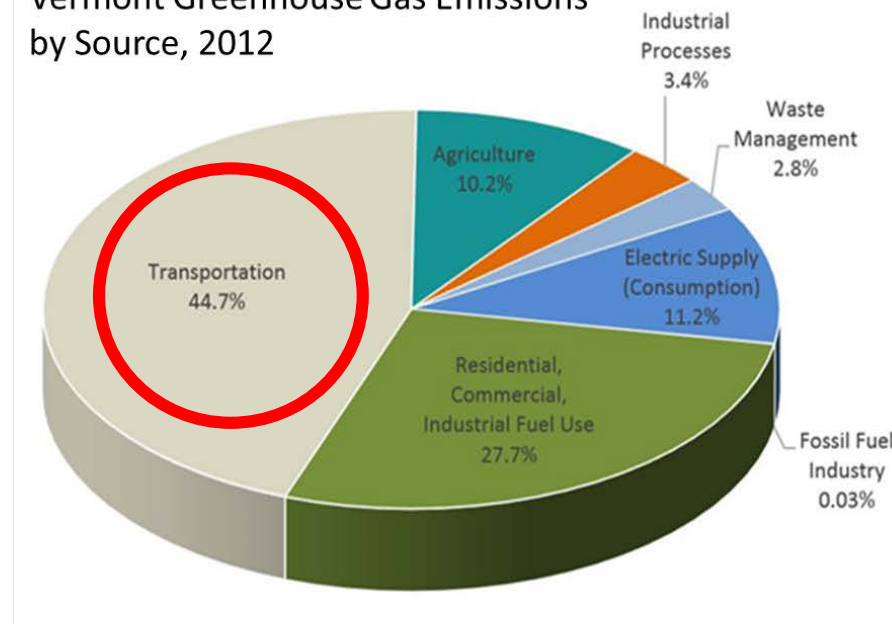
Transportation is largest end use of energy and GHG emissions source

Vermont Energy Consumption by Sector, 2013



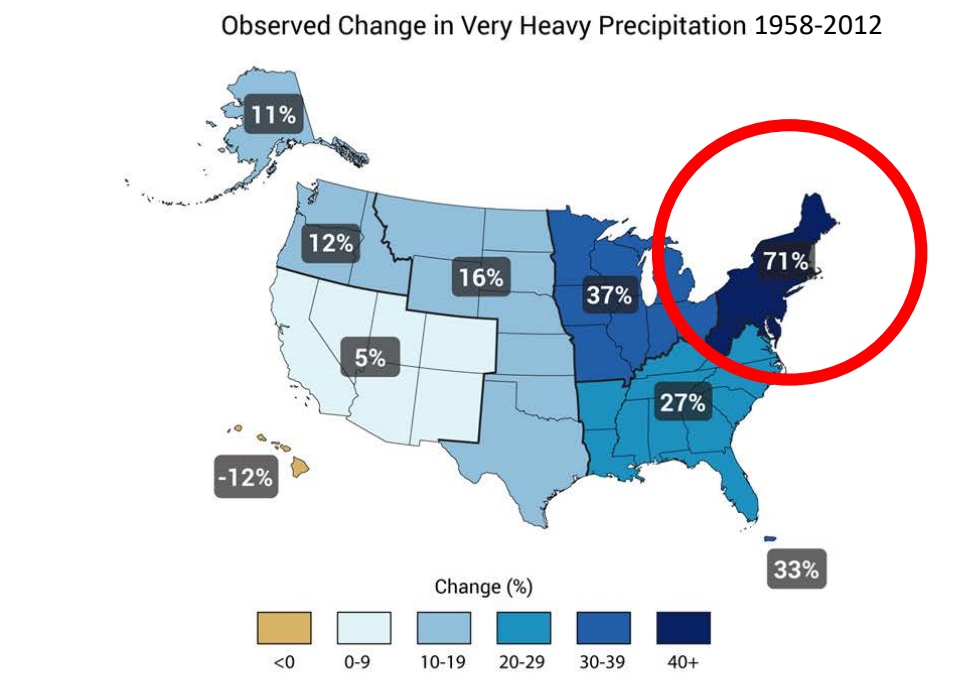
Source: 2016 VT Comprehensive Energy Plan/U.S. EIA, 2015

Vermont Greenhouse Gas Emissions by Source, 2012



Source: 2016 VT CEP/ANR

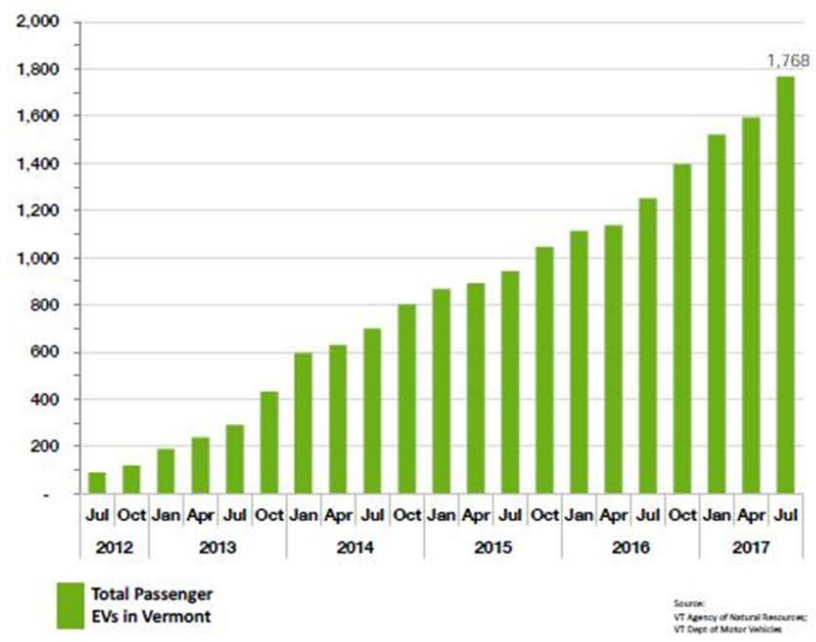
Very heavy precipitation events occurring with increasing severity and frequency



Source: <http://nca2014.globalchange.gov/>

Heavy precipitation = amount of precipitation falling in very heavy events (the heaviest 1%)

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



TAC Outreach – additional issues and areas of emphasis

- Bicycle and pedestrian safety
- Youth mobility
- Favorable view of roundabouts
- Broad support for public transit service
- Consider automated speed enforcement
- Addressing highway runoff is a major issue for municipalities
- Observation that vehicle fees are climbing
- Support for shared mobility technologies, e.g. Uber, Lyft

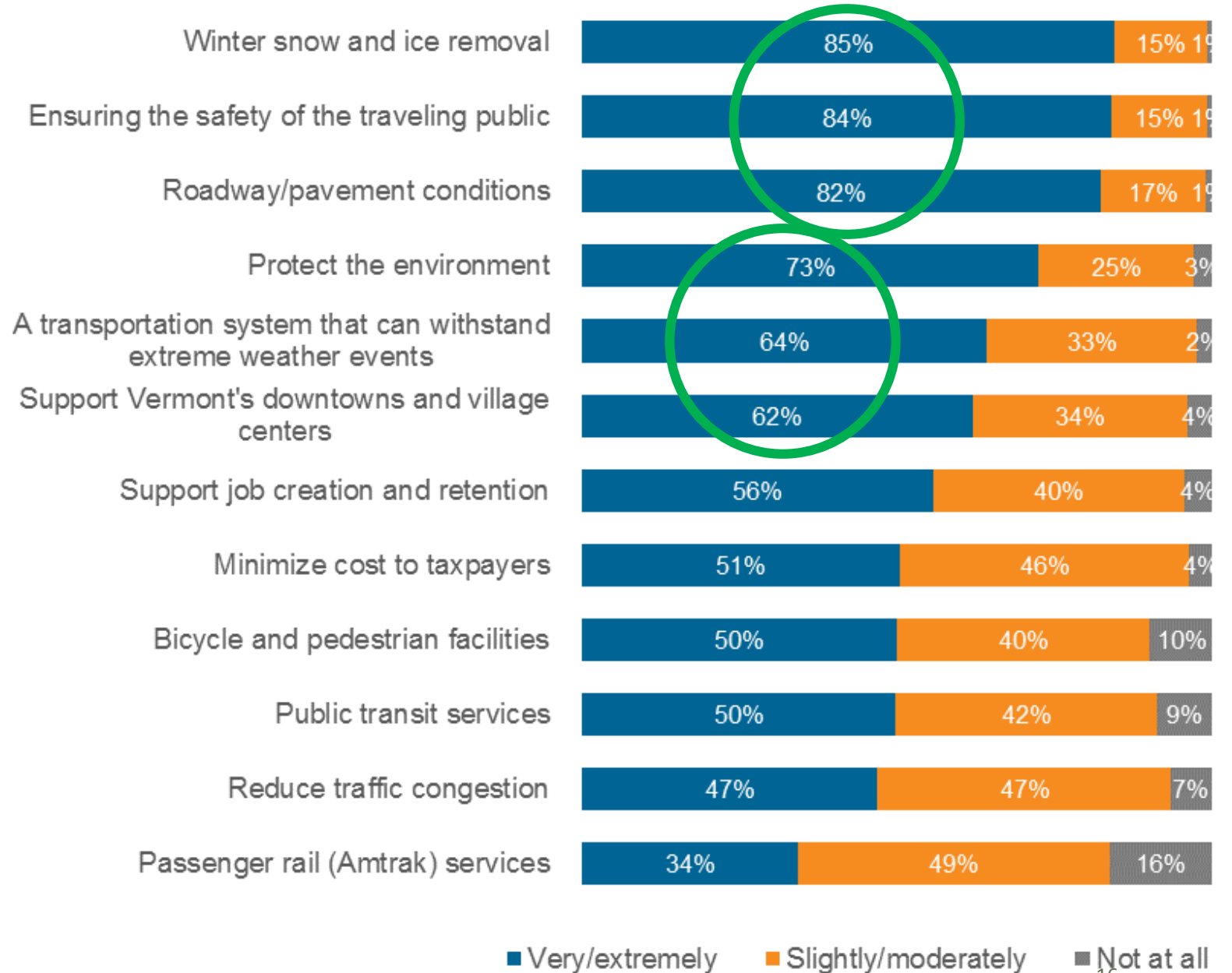
How important are the following services & issues to you?

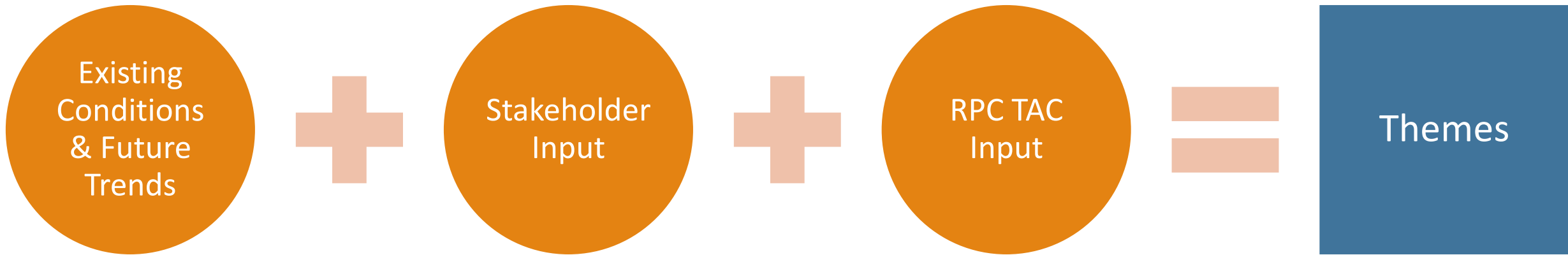
➤ 2000 & 2006 top 3:

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



2016 Statewide Transportation Public Opinion Survey





2040 Long-Range Transportation Plan Themes

Safety &
Security

System
Preservation &
Optimization

Mobility
Options

Economic
Vitality

Environmental
Stewardship

Livable,
Healthy
Communities

Act 186 Results Based
Accountability Outcomes

Governor's Primary Goals
- Grow the Economy
- Make VT Affordable
- Protect Vulnerable
Vermonters

VTrans Strategic Plan Goals

LRTP
Goals,
Objectives,
Strategies

1. Vermont has a prosperous economy.
2. Vermonters are healthy.
3. Vermont's environment is clean and sustainable.
4. Vermont's communities are safe and supportive Vermont is a safe place to live.
5. Vermont's families are safe, nurturing, stable, and supported.
6. Vermont's children and young people achieve their potential.
7. Vermont's elders and people with disabilities and people with mental conditions live with dignity and independence in settings they prefer.
8. Vermonters with disabilities live with dignity and in settings they prefer.
9. Vermont has open, effective, and inclusive government.
10. Vermont's State infrastructure meets the needs of Vermonters, the economy, and the environment.

1. Provide a safe and resilient transportation system that supports the Vermont economy.
2. Preserve, maintain and operate the transportation system in a cost-effective and environmentally responsible manner.
3. Provider Vermonters energy efficient travel options.
4. Cultivate and continually pursue innovation, excellence and quality customer service.
5. Develop a workforce to meet the strategic needs of the Agency.

Next Steps

1. Develop Draft Plan with Goals, Objectives, Strategies
2. Stakeholder Meeting #3 and TAC outreach Round #2
3. Incorporate edits
4. Publish for public comment

Thank you

Existing Conditions & Future Trends 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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