Vermont Agency of Transportation

Transportation Equity Framework

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DIRECTOR OF POLICY, PLANNING AND INTERMODAL DEVELOPMENT

PRESENTATION TO HOUSE TRANSPORTATION



Act No. 55 of 2021 Legislative Assembly

An act relating to the Transportation Program and miscellaneous changes to laws related to transportation, Section 41. Transportation Equity Framework Report

The Agency of Transportation, in consultation with the State's 11 Regional Planning Commissions (RPCs), shall undertake a comprehensive analysis of the State's existing transportation programs and develop a recommendation on a transportation equity framework through which the annual Transportation Program (the Agency Capital Program), and the Agency's Annual Project Prioritization Process, can be evaluated so as to advance mobility equity, which is a transportation system that increases access to mobility options, reduces air pollution, and enhances economic opportunity for Vermonters in communities that have been underserved by the State's transportation system......

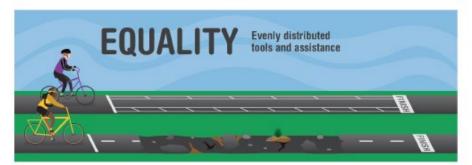
Executive Order 14008 of the President (01/2021)

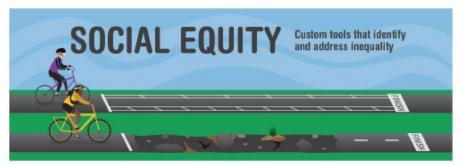


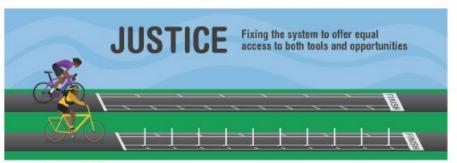
Federal investments will be made in a manner whereby 40 percent of the overall benefits of such investments flow to disadvantaged communities.

The Justice 40 Initiative will impact the way the Vermont Agency of Transportation implements projects and programs.

INEQUALITY Unequal access to opportunities







EQUITY VISUALIZED

The image illustrates different terms related to a Social Equity framework. In the first frame, "Inequality" shows that not everyone faces the same path ahead or has the same resources. "Equality" shows that even when given the same tools, in this case a bicycle, the obstacles each person faces are different. "Social Equity" recognizes inequalities, in this case a more obstructed path, and creates custom solutions—in this case, a bicycle with different tread designed to handle the terrain—but still the obstacles are present. "Social Equity" is on the path to "Justice", which is the final goal of Social Equity, taking away the inequalities and creating the same opportunities for all.

source: Oregon DOT

Project Team

AOT and Regional Planning Commissions

- Dave Pelletier Project Manager
- Michele Boomhower
- Charlie Baker (CCRPC)

Consultants - RSG lead

- Jonathan Slason (RSG) Project Manager
- Lydia Hausle (Toole Design) Project
 Planner and Deputy Project Manager
- Kiah Morris and Dan Fingas (Rights and Democracy Institute)
- Chris Cole Consulting
- Several others

TECHNICAL PROPOSAL | 11.24.2021

UPDATE: Transportation Equity Framework



PREPARED FOR

VERMONT AGENCY OF TRANSPORTATION POLICY, PLANNING AND
INTERMODAL DEVELOPMENT DIVISION (PPAID)

JBMITTED BY



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IN COOPERATION WITH

EBP | TOOLE DESIGN GROUP, LLC | CHRIS COLE CONSULTING, LLC | RIGHTS AND DEMOCRACY INSTITUTE









TASK 1: Project Initiation and Research

TASK 2: Existing Policies, Programming, and Assessment

TABLE 2: EQUITY FRAMEWORK WIREFRAME

Distributive	Procedural	Contextual		Corrective Equity	
Accurate population representation	Equitable access to decision- making	Needs analysis	Service Provision	Prioritization process	Ongoing performance Management

TASK 3: Stakeholder and Public Involvement

Led by Rights and Democracy Institute (Rights and Democracy Institute)

Intentional outreach to marginalized communities

- Bennington BIPOC community
- Winooski/Burlington New American 2nd Generation community
- Barre & Newport Urbanized community
- Rutland area persons experiencing low income

Range of engagement tools being considered:

- Social media

- Online and email systems

- Text banking

- Events, meetings, interviews and focus groups

- Phone banking

- Survey tools

- Print mail

FIGURE 2: VERMONT ENVIRONMENTAL DISPARITY INDEX

TASK 4:

Gap Analysis & Needs

Assessment

Vermont Environmental Disparity Index

In order to identify communities that are most succeptible to entimomental luctures and most reduced by the modifying effect of summerous statues, for Decolorinal Stateurs, Democracy & Part Petriers, Lin of University of Seminost constructed a Variance convincemental disparity under VTERH) based on exposure to environmental luxurels and population characteristics (including underlying health risk factors and social valuepsibility). This index is a contribution of environmental exposure and population characteristics.

VT Environmental Disparity Index = Environmental Exposure * (Health Risk Factors * 0.5 + Social Vulnerability * 0.5)

In the VTEDI layer, the durier is common tract in, the more combined covaronmental, social, and health burdens that the community curries. In the covaronmental exposure layer, durier colors represent higher commistive angust of the three types of environmental hazards. The numbers (between 9-100) are percentiles that represent a relative auditing of a mat compared to all other areas in the state. The genetic the percentiles, the begger the impact of the variable.

This is an early version of the index map, and more covimensantal data sources may be added in the future once they become available.

If you have any questions about this map, please contact Qing Ran (grow) remodule or Binds Paniskov (gards modding of groupship at the Rathenstein School of Environment and Natural Resources of UVOL

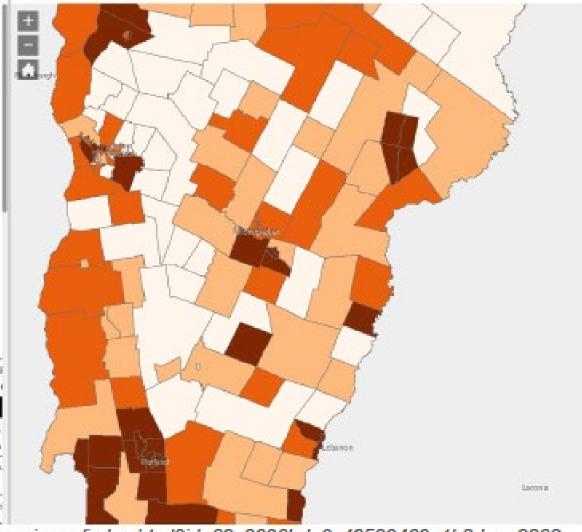
Phono cito this work as: Qing Ren and Rindu Panilikar (2021), Vermout Environmental Diquelty Index, University of Vermont.

Also use the Vermont Social Volumbility Index and the Vermont Behavioral Rick Factor Serve Bases Surviya (BRESS) the social and broth date.

New the table below for our data sources:

Prospect Information.

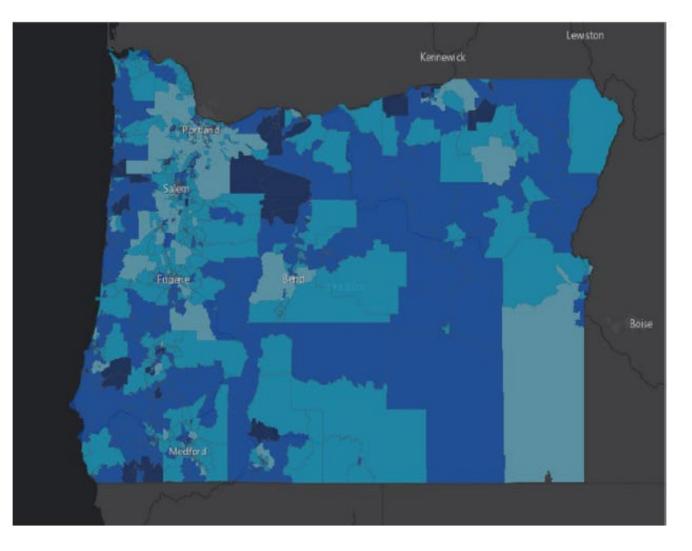
Variable	Definition	Data sources	Origi			
Emvironmental Risk Factors						
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au Pollution	Roncanor Whee-body Repetitions from the National Air Toxics Assessment (RANA)	RPA (RTS Matheral Ser Yours Assessment (RAMA)	CHEK			
Brownfields and	Active tensorficids and hisrarchus sites in Venezarch	VT Agency of Matural Resources	Point d			



Source: https://www.arcgis.com/apps/webappviewer/index.html?id=68a9290bde0c42529460e1b8deee8368

Rubenstein School of Environment and Natural Resources of UVM

TASK 5: Data and Tools



The map to the left is a snapshot of Oregon's Equity Index, created by ODOT's Office of Social Equity.

Areas with darker colors ODOT has identified as having higher likelihoods of experiencing disparities.

The lighter the color, the lower the likelihood the area is experiencing disparities.

Explore the map in detail at https://arcg.is/0XjnC50

- Updated data files to reflect latest census findings
- Prototype equity index data set

TASK 6: Recommendations and Implementation Plan

VISION	VISION STATEMENT (TO BE DEVELOPED)							
Goals	Inclusive Engagement		Equitable Investment and Action		Equitable Outcomes			
Objectives	Accurate Population Representation	Equitable Access to Decision- Making	Needs Fulfillment	Service Provision	Prioritization Process	Ongoing Performance Management		
Actions	Recommend census or public datasets or develop custom dashboards	Develop robust and representative approaches to public engagement	Clarify set of performance standards to develop existing and historical gaps	Accessibility and equity audits	Develop scoring and weighting	Annual reporting on where and how much investment occurs to what population of concern		
	Periodically validate accuracy of publicly available datasets	Maintain records and compare voices heard to those not explicitly heard	Create a transparent mapping or list of inequities and needs (historical, current, and forecast)	Funding resiliency and stability	Transparency in scoring and participation	Long-range planning informed from audits of past investment strategies		
		Accessibility and equity audits				Develop long-range tracking of success		

TASK 7: Draft and Final Transportation Equity Framework Report

VT Agency of Transportation Equity Framework Report

- Background and Context Setting: What does transportation equity look like?
 What is the state of transportation equity in Vermont?
- Task 2: Current Policies, Guidance, and Best Practices
- Task 3: Input from Vermonters
- Task 4: Equity Framework Structure –
 Gap and Needs Analysis
- Task 5: Data and Tools
- Task 6: Recommendations and Implementation Plan

Timeline

Fall 2021 – RFP and consultant selection

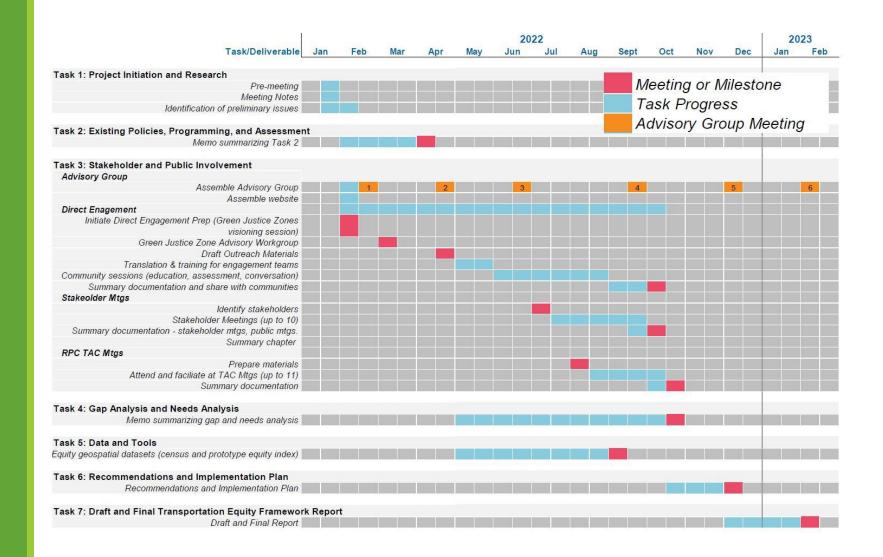
January 2022 - Kickoff

February - First Advisory Group Meeting

May thru September – Community outreach, Stakeholder engagement and RPC TAC Meetings

October thru December – Recommendations and Implementation Plan

February 2023 – Delivery of Final Transportation Equity Framework Report



Questions/ Comments?

Contact

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