»TREDLiteVMT



QUICK START GUIDE

TREDLite VMT for Santa Cruz County

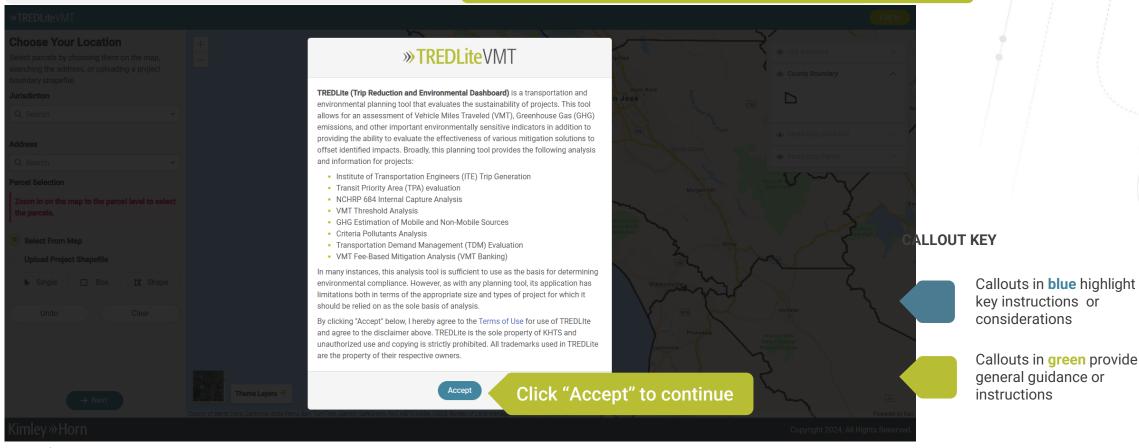
A Kimley-Horn Sustainable Transportation Solution

This help file describes the main concepts, vocabulary, and application functionality.

Getting Started

https://tredlite.kimley-horn.com/sites/santacruz

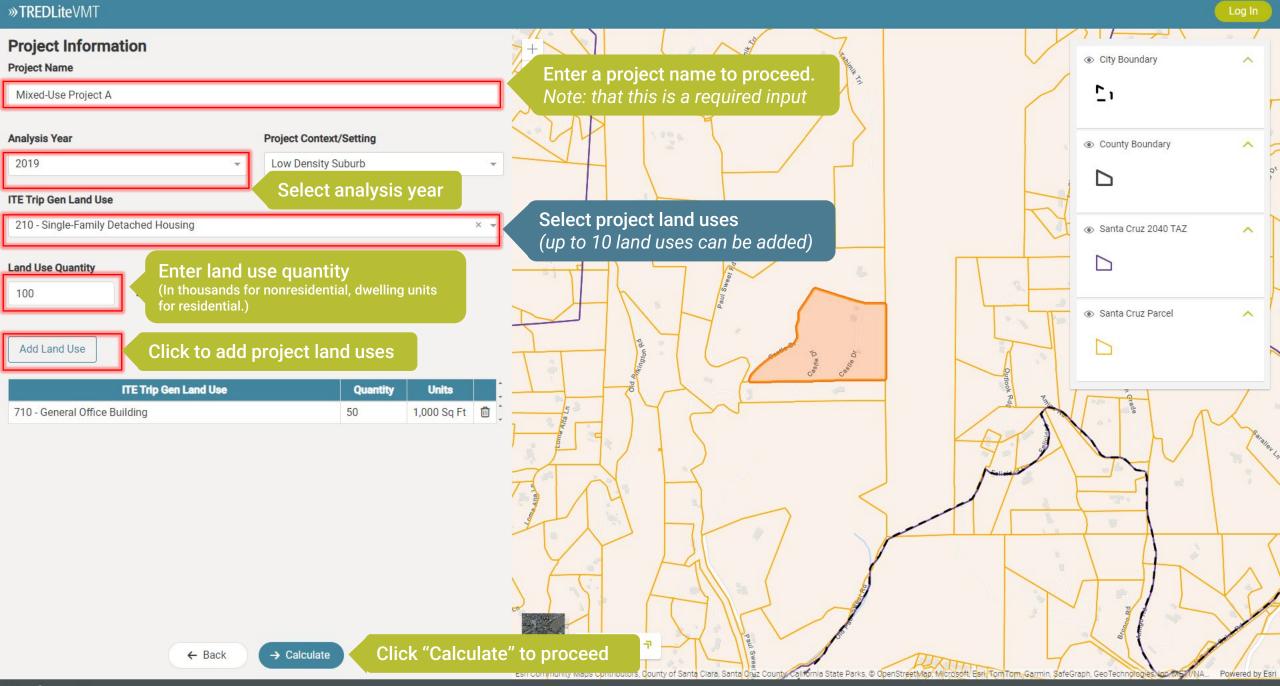
Use this website to launch the site from your browser

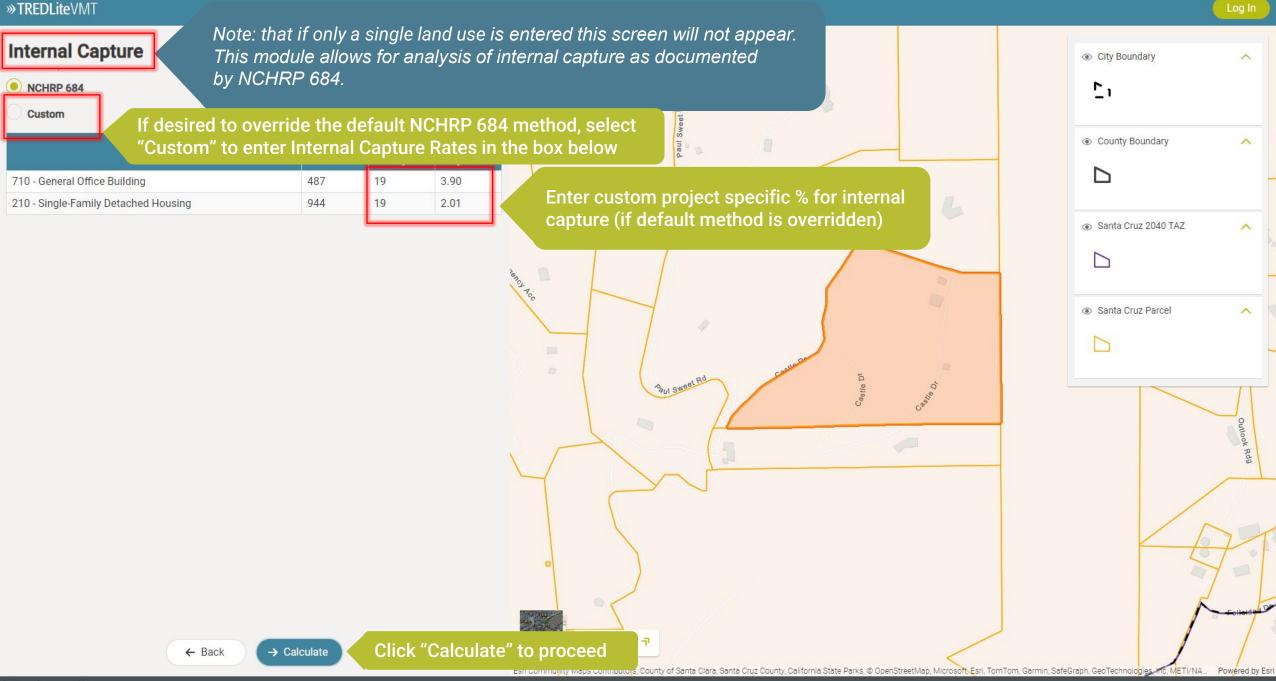


Few things to note:

- TREDLite relies on big data, and travel demand model data that has been processed by Kimley-Horn
- Thresholds are based on OPR guidance and are established for Santa Cruz County
- Sometimes there are "blanks" in the data given that there is no existing data for a land use

County of Santa Clara, Santa Cruz County, California State Parks, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc., METI/NASA, USGS, Bureau of Land Management, EPA, No





Analysis

Project Name: Mixed-Use Project A

Location: City of Santa Cruz

Analysis Year: 2019 **Graph shows VMT result & threshold** Project Land Use & Intensities: for each individual land use

Land Use	Quantity	Units	Pe TOT Edicit Individual latid use				
			Capita/Employee VMT	Milugation			
710	50	1,000 Sq Ft	13.0	13.0	1,934.7	9.9	Yes
210	100	Dwelling Unit(s)	19.4	19.4	4,659.0	13.6	Yes
				Totals	6,593.7		

Total Emission Estimates

Pollutant	Mobile	Mitigation	With Mitigation	Non Mobile	Total
CO (lb/day)	71/72	0.00	71.72	134.79	206.51
ROG (lb/day)		0.00	7.40	99.61	107.01

Note: Air quality is shown both in the aggregate and for individual uses and includes both mobile and non mobile sources

PM2.5 (II					
PM10 (lb/day)	8.40	0.00	8.40	18.07	26.47
CO ₂ (mt/year)	1,442.96	0.00	1,442.96	623.13	2,066.09

Project Presumptions of Less than Significant Impact (1)

- ☐ Within a 1/2 mile of Major Transit Stop
- Less than 110 Trips per Day

This is being implemented in *a separate GIS module*

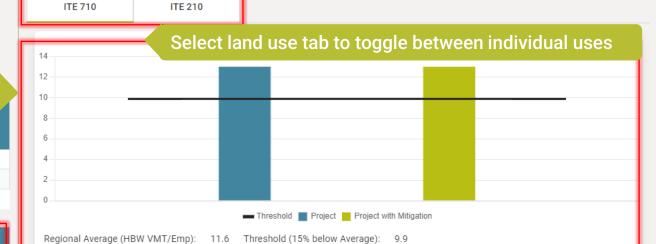
If your project result is higher than the threshold, we recommend clicking the Mitigate VMT button to learn and decide on ways to mitigate your transportation impact. Otherwise, click Print Results.

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Print Results

→ Mitigate VMT

Click "Mitigate VMT" if it is over the threshold



Metric	Project	Mitigation	With Mitigation
HBW VMT/Emp	13.0	0.0	13.0
Daily Trips	468	0	0

Pollutant	Mobile	Mitigation	With Mitigation	Non Mobile	Total
CO (lb/day)	21.85	0.00	21.85	0.23	22.08
ROG (lb/day)	2.36	0.00	2.36	1.31	3.67
NOX (lb/day)	3.38	0.00	3.38	0.26	3.64
SOX (lb/day)	0.03	0.00	0.03	0.00	0.03
PM2.5 (lb/day)	0.70	0.00	0.70	0.02	0.72
PM10 (lb/day)	2.50	0.00	2.50	0.02	2.52
CO ₂ (mt/year)	357.78	0.00	357.78	151.04	508.82

Land Use Presumptions of Less than Significant Impact 🚯

- ☐ Affordable Housing
- Local Serving Land Use

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