

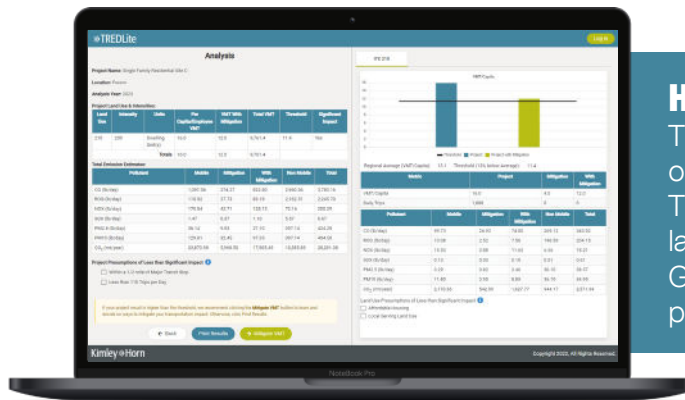


FAST, ACCURATE

data for sustainable transportation projects

The transportation industry is changing. Where improving Level of Service (LOS) has traditionally been our primary goal, there is now a demand for agencies to regulate the environmental impacts of planning initiatives through the reduction of Vehicle Miles Traveled (VMT). Keeping up with changing demands can make familiar approaches seem less relevant, trip analysis feel more complicated, and compliance with new legislation even more challenging.

Kimley-Horn has developed TREDLite™, an innovative software solution that automates VMT calculations to allow agencies to aggregate data to address transportation-related environmental impacts before they occur.



How TREDLite Works

TREDLite is a cloud-based application that leverages open-source data to calculate the VMT of your projects. TREDLite users can easily input data to model multiple land development scenarios and output Air Quality (AQ)/ Greenhouse Gas (GHG) emission projections to inform local planning initiatives.

Easily Comply with Statewide Environmental Policies

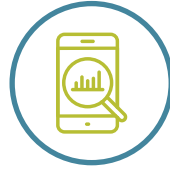
New regulations under the California Environmental Quality Act (CEQA) have created an immediate need for the state to change the way it evaluates adverse environmental impacts. In response, your agency needs fast, accurate data to evaluate the transportation impact of your projects to meet state laws. TREDLite allows you to set VMT thresholds and test the impact of proposed projects against it. If project projections exceed the threshold, TREDLite allows you to test mitigation strategies to meet project goals, reduce VMT, and reduce Greenhouse Gas (GHG) impacts.

What TREDLite Can Do For You



Regulate environmental impacts

Evaluate project VMT thresholds to regulate environmental impact of your projects



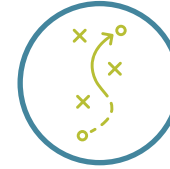
Explore data quickly and easily

Easily access from your PC or tablet with the browser-based, cloud hosted platform.



Predict air quality (AQ) impacts

Predict project AQ/GHG emissions to understand direct air quality impact



Run different scenarios

Test mitigation strategies with scenario planning if calculations exceed your project threshold



Calculate Internal Trip Capture

Automatically calculate internal trip capture using ITE rates

Features Include:

- + Institute of Transportation Engineers (ITE) Trip Generation
- + Transit Priority Area (TPA) Evaluation
- + National Cooperative Highway Research Program (NCHRP) 684 Internal Capture Analysis
- + VMT Threshold Analysis
- + GHG Estimation of Mobile and Non-Mobile Sources
- + Criteria Pollutants Analysis
- + Transportation Demand Management (TDM) Evaluation Using the Recent 2022 California Air Pollution Control Officers Association (CAPCOA) Guidance
- + VMT Fee-Based Mitigation Analysis (VMT Banking)

If you need a fast, accurate way to measure the environmental impacts of your projects, partner with a Kimley-Horn professional to leverage TREDLite today!

Learn More!



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