

CLIMATE SERVICES

DKS Associates helps our clients plan for and evaluate transportation projects and programs to mitigate climate impacts. Climate awareness continues to grow at local to international levels and planning visions and policies continue to evolve. DKS professionals understand the impacts of climate change and the importance of integrating climate impacts into transportation planning. Whether a local community is looking to integrate climate evaluation into their transportation planning or seeking to address established measures, we offer a range of services that identify and evaluate strategies and projects to improve system efficiency and reduce climate impacts.

We help our clients incorporate a climate lens into the transportation planning process through the following service areas:

POLICY & PROGRAMS

Establish policies and programs to align with local, regional, or state emission objectives or targets. Conduct strategic scenario planning to review the outcomes of various policy and program decisions.

MONITORING

Apply various data to monitor the performance of the system, progress towards change, and address policy requirements. System monitoring may include mode use, trip distance, or traffic volumes and congestion.

IMPLEMENTATION & ANALYSIS

Identify and evaluate programs and projects that address climate policies. Programs and projects may include land use decisions, transportation options, system management, and vehicles/fuels. We apply models and other tools to evaluate performance and measure with a climate lens.

RESILIENCY

Conduct system planning to provide transportation network redundancy, identify potential strains, and manage incidents.



SELECT PROJECT EXPERIENCE

- ALBANY AREA METROPOLITAN PLANNING ORGANIZATION STRATEGIC ASSESSMENT, OR**

DKS helped to deliver technical modeling work for AAMPO, which will help the State of Oregon build capacity for the VisionEval implementation process as part of integrated land use and transportation planning projects. Working with the Department of Land Conservation and Development (DLCD) and Oregon Department of Transportation (ODOT), DKS utilized state-of-the-art scenario planning tools as part of a regional transportation plan to help meet climate goals and related policy objectives.
- SANTA MARIA VEHICLES MILES TRAVELED (VMT) THRESHOLDS STUDY, CA**

DKS established the modeling methodology, project screening criteria, VMT thresholds, and potential VMT mitigation measures pursuant to Senate Bill (SB) 743 and consistent with guidance provided by the Office of Planning and Research for the implementation of SB 743. The methodology entailed checking the accuracy of the SBCAG regional travel model home-based-work trip VMT and average trip length output using LEHD journey to work data. Once confirmed, the SBCAG model was used to develop the VMT Thresholds. Screening maps were developed identifying areas of the City that are “low” or “high” VMT areas for given types of land uses. A CEQA VMT Sketch Planning Tool was developed to assist City staff in implementation/CEQA determinations.
- SPOKANE GRAND BOULEVARD COMPLETE STREET PLAN, WA**

DKS led a multi-discipline team to develop a concept plan for Grand Blvd. south of 29th Ave. The plan focused on improving corridor safety for all users, encouraging walking and biking trips, and creating an active mixed-use neighborhood center. The analysis developed several design alternatives for the Grand Blvd./29th Ave. intersection to support the reconfiguration of Grand Blvd. from five lanes to three lanes to provide space for the addition of wider sidewalks, landscaping, bike lanes, transit stop amenities, street lighting, and gateway treatments.
- SOUTH SAN FRANCISCO ELECTRIC VEHICLE CHARGING MASTER PLAN, CA**

DKS led the development of a master plan for electrification of the City of South San Francisco’s vehicle fleet through designation and location of electric vehicle charging infrastructure. This master plan also provides direction to commercial charging for the general public at large employers, commercial businesses, multifamily housing, and public facilities.
- CITY OF WILSONVILLE PERFORMANCE REPORT, OR**

DKS developed a performance monitoring and reporting program that tracks the City’s progress towards its transportation system vision and goals. DKS identified performance measurement and available transportation data that the agencies can provide to the City for use in tracking the performance of its transportation system, as well as related impacts to public health and the economy.

TO LEARN MORE, PLEASE CONTACT:

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