



Caltrans Division of Research,  
Innovation and System Information

## *The National Center for Sustainable Transportation*

### *Fact Sheet*

The University of California, Davis will lead the National Center for Sustainable Transportation (NCST). Other consortium members include the Georgia Institute of Technology, University of Southern California, California State University Long Beach, University of Vermont, and the University of California, Riverside.

The NCST was awarded a \$5.6 million grant from the United States Department of Transportation (US DOT), authorized under the Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21) Act with an additional \$1 million, in Federal Fiscal Year 2015. The funds are used for transportation research, workforce development, technology transfer and education.

The NCST will address the US DOT's strategic goal to advance environmentally sustainable policies and investments by asserting national leadership in reducing carbon emissions from transportation systems while supporting climate adaptation activities and continued mitigation of air pollution and other environmental impacts.

Caltrans Funding: Caltrans is providing \$3 million in match funding over a Contract Term from June 30, 2014 – June 30, 2018, as follows:

Fiscal Year 2013/14: \$1 million

Fiscal Year 2014/15: \$1 million

Fiscal Year 2015/16: \$1 million

#### Year 1 – Research Highlights:

- The Role of Environmental Concerns, Lifestyles, Mobility-Related Attitudes and Peers' Influence in Affecting Travel Behavior and Aspirations Towards the Purchase of Private Vehicles of Young Adults in California
- Urban Spatial Structure and the Potential for VMT Reduction
- White Paper on Performance-Based Approaches to Incentivize Local Adoption of Sustainable Land Use Policies

#### Year 2 – Research Highlights:

- White Paper Series on Emission Reducing Efficiency Strategies to Incorporate into the California Sustainable Freight Strategy (5 white papers)
- Deployment of Sustainable Fueling/Charging Systems at California Highway Safety Roadside Rest Areas
- Dynamic Ridesharing: Simulation of System-Level Travel Effects Using Agent-Based Demand and Supply Models in the Sacramento Region

#### Year 3 – Open Solicitation for Research Proposals:

- March 2016           Open call for proposals
- May – July 2016     Review proposals
- October 2016        Select research projects

