Center for Transportation Technologies and Systems

Front Range Sustainable Transportation Feasibility Study

The number of vehicles clogging the nation's roadways continues to grow as demand for oil imports increases. Volatile fuel prices fluctuate daily, and concern for the environment abounds. Colorado Front Range communities are routinely subjected to intense traffic congestion, soaring energy prices, and the noxious brown cloud.

Cleaning up the air is crucial for healthy communities. Fortunately, now we have the tools and the opportunity to work together to meet the increasing demand for more energy efficient, environmentally friendly modes of transport, and to help stamp out the brown cloud. Enter the Front Range Sustainable Transportation (FRST) Project feasibility study.

What is the FRST feasibility study?

CTTS initiated the FRST feasibility study to address these important issues in the Colorado Front Range, which affect the quality of our daily lives as well as the lives of future generations. The study aims to determine the viability of integrating CTTS' expertise in alternative fuels and advanced vehicle technologies with Colorado Front Range communities as a catalyst for change toward sustainable transportation.

Implementing clean, sustainable transportation options is at the heart of the project. We at CTTS believe that sustainable transportation is a way of developing innovative transportation technologies so that both the environment and community are maintained into the future.

How will we conduct this study?

One of the first steps is to talk to you—the stakeholders—to gather information about your transportation expertise, related opportunities, and market drivers and barriers.

At the Transportation Forum and other meetings, we'll tell you about our cutting-edge advanced vehicle technology programs. A survey will be distributed at the forum to gather information about your interest in collaborating. Then, we'll host meetings to further assess potential projects with stakeholders.

In light of the nation's energy challenges, it's crucial that we work together to address the barriers that remain in moving toward more sustainable transportation and demonstrate the progress that has been, and can be made with advanced transportation and fuels.

"Then I say the earth belongs to each generation during its course, fully and in its own right, no generation can contract debts greater than may be paid during the course of its own existence."

—Thomas Jefferson, Sept. 6, 1789

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