

Research Results

Research Support

November 2025

Project Title: Research Implementation Accelerator

Task Number: 4199

Start Date: November 1, 2022

Completion Date: August 31, 2025

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Research Implementation Support

Providing funding for training, equipment, and technical support to accelerate the implementation of research results.

WHAT WAS THE NEED?

The California Department of Transportation (Caltrans) through its Division of Research, Innovation, and System Information (DRISI) funds Research and Development (R&D) projects to provide solutions to the needs of its internal customers. The level of implementation and utilization of these R&D projects varies depending on the Technology Readiness Level (TRL) of the results as well as training and readiness of the internal customers for their implementations. Caltrans needs to identify completed research projects that have the potential to bring the department greater efficiency, saving time, money and resources that can be used to deliver more projects.

WHAT WAS OUR GOAL?

Identify underutilized research projects and use seed funding to accelerate implementation of such projects by Caltrans. The aim was to work with Caltrans stakeholders to determine the needs and then use the seed funding to work out the workflows necessary for proper integration and adaptation of the research results of such underutilized research projects.

WHAT DID WE DO?

We used virtual platforms to conduct two research workshops identifying projects that can impact Caltrans operations through proper implementations aided with the receipt of seed funding to kick-start such implementations. The seed funding was used for training, equipment, and consultant support.

WHAT WAS THE OUTCOME?

The research implementation support application process is now aligned with the Research and Deployment Advisory Committee (RDAC) funding cycle. The new application system has allowed submissions to be efficiently gathered and



DRISI provides solutions and knowledge that improves California's transportation system.

transferred to a spreadsheet in the same manner as new research submissions. The streamlined system has allowed the research implementation engineer to efficiently assess, remediate, and progress acceptable submissions through the entire approval process. A new internal website was created (<https://drisi.onramp.dot.ca.gov/research-implementation>) to provide more information on the research implementation support process.

WHAT IS THE BENEFIT?

The results of this project will accelerate the implementation of research results and would benefit Caltrans in achieving its goals of efficiency, safety, and stewardship in enhancing mobility in California.

LEARN MORE

The final Report link is forthcoming and will be found in the link below once it is available: <https://dot.ca.gov/programs/research-innovation-system-information/research-final-reports>

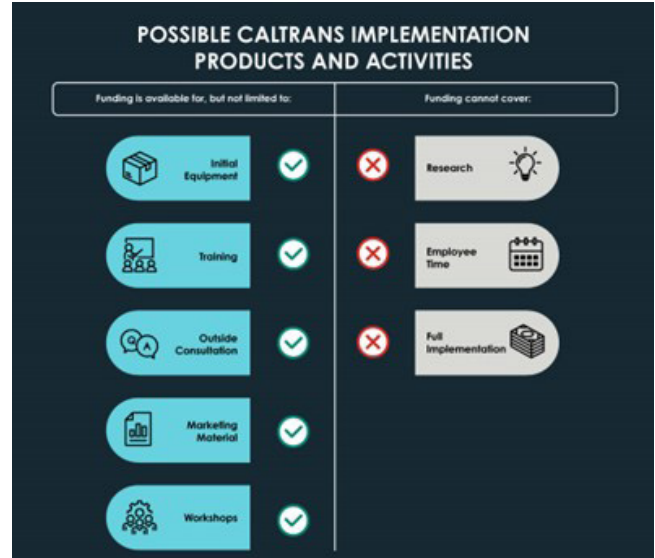


Image 1: Possible Caltrans Implementation and Activities

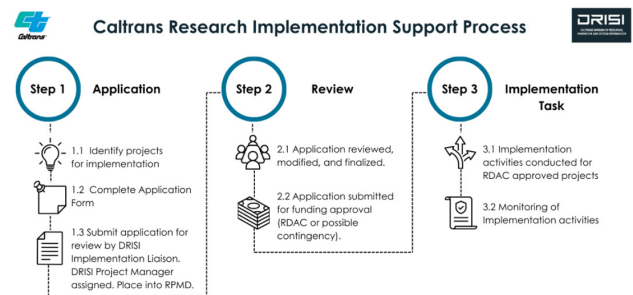


Image 2: Caltrans Research Implementation Support Process

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