Vehicle Technologies Program Results

Introduction

The Vehicle Technologies Program's progress is closely monitored by both internal and external organizations. The Program's results are detailed in a wide range of documents and tools that can be accessed through the PIR website. Descriptions of these materials are provided on the following pages.

Progress Reports

Progress reports provide information on research that has been undertaken by the Vehicle Technologies Program. These reports help monitor ongoing research efforts to determine if projects are meeting established goals. Reports provide detailed results of research activities as they occur.

The Program publishes annual progress reports on topics such as advanced combustion engine technologies, power electronics and electric machinery, vehicle technology analysis and evaluation activities, energy storage research and development, and propulsion materials. These can be found at http://www1.eere.energy.gov/vehiclesandfuels/resources/fcvt_reports.html.

The Program's progress at the corporate level is evaluated using the Office of Management and Budget's Program Assessment Rating Tool (PART). PART looks at all factors that affect and reflect Program performance, including Program purpose and design; performance measurement, evaluations, and strategic planning; Program management; and Program results. The information on the Vehicle Technologies Program PART is available at http://www.whitehouse.gov/omb/expectmore/summary/10002138.2004.html.

The Office of Planning, Budget, and Analysis performs public benefits analysis, which estimates the future benefits of programs, and assesses the benefits of past programs under the Annual Government Performance Results Act (GPRA). These reports document some of the economic, environmental, and security benefits (or outcomes) from achieving program goals. GPRA reports providing data on benefits estimates for the Vehicle Technologies Program for 2008 can be found at http://www1.eere.energy.gov/ba/pba/pdfs/41347_appf.pdf and http://www1.eere.energy.gov/ba/pba/pdfs/41347.pdf.

Publications

Hundreds of publications represent Vehicle Technologies Program results, including press releases, case studies, success stories, and other documents that describe the status and results of the Program and individual projects. For quick access to popular publications, such as the Roadmap and Technical White Papers for the 21st Century Truck Partnership, visit the site's Key Publications page at http://www1.eere.energy.gov/vehiclesandfuels/resources/fcvt_key_publications.html. To read partnership documents about the FreedomCAR and Fuel Partnership, and the 21st Century Truck Partnership, visit http://www1.eere.energy.gov/vehiclesandfuels/resources/fcvt_partnership_documents.html.

Awards

A number of projects funded by the Vehicle Technologies Program have been recognized by the scientific community for their outstanding technical performance. Since 2000, nine projects have received the prestigious *R&D 100* Award for their innovation and commercial viability. The Program has won three *Discover* Magazine Awards, eight Federal Laboratory Consortium Excellence in Technology Transfer Awards, and many more prestigious honors. For additional information on Program awards, visit the Vehicle Technologies Program website at http://www1.eere.energy.gov/vehiclesandfuels/resources/fcvt_awards_patents.html.

Retrospective Benefits Analyses

Retrospective Benefits Analyses present the results of successful, commercialized research projects. Relevant Vehicle Technologies Program projects have included *Recovering Plastics from Retired Vehicles*, *Auxiliary Power Unit Cuts Emissions*, *Fuel Use in Railroad Locomotives*, and *Cab Comfort Units Reduce Idling of Heavy-Duty Trucks and Buses*. Descriptions of these and other commercial successes can be found at: http://www1.eere.energy.gov/vehiclesandfuels/resources/fcvt_success_stories.html.