245 Utah Avenue
South San Francisco, CA 94080
www.atdynamics.com

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CONTACT:
Geoffrey Johnson
Director of Policy and Public Affairs
(415) 314-5562
gjohnson@atdynamics.com

ATDynamics to partner with Navistar in DOE-sponsored SuperTruck project

SOUTH SAN FRANCISCO, February 8, 2010 – ATDynamics announced today that it will partner with Navistar in a federally-funded U.S. Department of Energy (DOE) SuperTruck project. ATDynamics will provide expertise in next-generation trailer aerodynamics to support the project's goal of increasing by 50 percent the freight efficiency of on-highway Class 8 trucks, measured in ton-miles per gallon. DOE awarded a total of $37.3 million for the project.

"We look forward to working with the Navistar Truck Group to bring together the most promising innovations from multiple technology areas," said Andrew Smith, CEO of ATDynamics. "While the add-on devices we provide today deliver up to twelve percent fuel savings at highway speeds, the SuperTruck project will allow us to exceed those aerodynamic efficiency gains by contributing to a ground-up re-design of truck-trailer combinations."

Aerodynamics will be a primary component of the five-year SuperTruck project. At highway speeds, aerodynamic drag accounts for as much as two-thirds of the fuel consumed by Class 8 trucks. Because aerodynamic drag directly affects the level of power required to move a vehicle at the wheels, aerodynamic improvements will leverage the thermal-efficiency gains, powertrain hybridization and other upstream enhancements that are targeted as part of the project.

Prior to SuperTruck, innovations in trailer aerodynamics have typically been pursued in isolation from truck design.

"A discontinuous leap in the efficiency of the freight transportation industry will require close collaboration between OEM manufacturers, new technology providers and fleets," said Smith.

“We are intent on seizing this opportunity to reduce the country’s dependence on fossil fuels and enhance U.S. energy security.”

ATDynamics’ current line of U.S. EPA SmartWay-verified aerodynamic technologies includes the ATDynamics-Transtex Skirt, demonstrated to improve highway fuel efficiency by 7.35%, and the TrailerTail®, which yields gains of 5.1% based on SAE J1321 testing.

ATDynamics will display its commercially-available technologies at the Technology Maintenance Council 2010 Annual Meeting and Transportation Technology Exhibition in Tampa, Florida, February 9-12, in booth #1139.

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About ATDynamics

Advanced Transit Dynamics (ATDynamics) develops and delivers best-in-class fuel-efficiency technology for the freight transportation industry. Based in South San Francisco, CA, ATDynamics works with trucking fleets throughout North America to save fuel costs and reduce vehicle emissions. ATDynamics is an affiliate of the U.S. EPA SmartWay Transport Partnership, a member of the California Trucking Association and the American Trucking Association's Technology Maintenance Council and a founding member of the North American Council for Freight Efficiency. For more information, visit www.atdynamics.com or call (888) ATD-TAIL.