



OREGON TRUCKING ASSOCIATIONS, INC.

## **Oregon State University/Daimler Trucks North America Heavy Truck Research Proposal**

The purpose of this proposal is to develop heavy truck technologies that meet Oregon's 2050 goal for greenhouse gas emissions through a partnership with Oregon State University and Daimler Trucks North America. This partnership is already beyond the formative stages. The next step is to create a heavy truck research laboratory at Oregon State and fund fellowships for Oregon State students to participate in this joint effort.

This proposal has been patterned after the successful partnership between the University of Washington and Microsoft Corporation. Benefits of this proposal include development of technologies to reduce emissions from heavy trucks, train Oregon State students in heavy truck technologies and create a supply of trained engineers for Daimler Trucks. (See attached Oregon State Legislative Concept Paper and Daimler Trucks Trucking Research Laboratory Proposal.) To date, an MOU has been developed between the two entities, an Oregon State engineering student has interned at Daimler trucks and Daimler trucks has donated a Class 8 truck to Oregon State. A huge benefit of this proposal is that Daimler Trucks sells its trucks world wide. Technologies developed through this Oregon proposal will be incorporated into Daimler trucks sold elsewhere, dramatically increasing the impact on world wide greenhouse gas and other emissions from heavy trucks.

To take this proposal to the next step Oregon State and Daimler are requesting a \$2 million appropriation from the Oregon Legislature. \$1.5 million will fund a research laboratory at Oregon State. \$500 thousand will pay the tuition for two fellowships over the next three years. This modest investment should be the catalyst to attract additional funding from federal and other sources.

Questions may be directed to:

Bob Russell, Oregon Trucking Associations at 503/930-3535 or

Brian Wall, Oregon State University at 541/737-9058

JL Wilson, Representing Daimler Trucks North America at 503/569-8054

OREGON TRUCKING ASSOCIATIONS

4005 S.E. NAEF ROAD, PORTLAND, OREGON 97267-5617

503/513-0005 PHONE ■ 888/293-0005 TOLL FREE ■ 503/513-0008 FAX ■ WWW.ORTRUCKING.ORG