

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT CLEAN TRANSPORTATION PROGRAMS

Mike Bogdanoff

South Coast Air Quality Management District

ABSTRACT

The South Coast Air Quality Management District (SCAQMD) has a number of programs to facilitate the development and deployment of clean transportation. These program elements arise from the SCAQMD's Air-Quality Management Plan. This plan contains the activities that will be taken by the SCAQMD, the California Air Resources Board, and the U.S. Environmental Protection Agency within their respective jurisdictions to achieve ambient air-quality standards in the South Coast Air Basin.

The SCAQMD has seven fleet rules that require the purchase of low-emission and alternative fuel vehicles. These include government fleets, transit agencies, school districts, and refuse haulers, all with fleets of more than 15 vehicles. State legislation has

also enabled the SCAQMD to provide funding to defray the extra cost of the purchase of low-emission and alter-native-fuel vehicles and engines for these and other fleets. Over \$57 million was disbursed in 2002. There are seven such programs in the basin.

Finally under the SCAQMD's Clean Fuels Program, new alternative-fuel and low-emission technology is being developed and demonstrated. With an annual budget of about \$10 million, there are over 80 contracts in progress at any one time. Currently, the SCAQMD is interested in supporting technologies involving heavy-duty natural gas vehicles, gas-to-liquid fuels, heavy-duty hybrid vehicles, fuel cell technology, and hydrogen production and infrastructure.