

ENVIRONMENTAL PROTECTION

California Environmental Protection Agency programs restore and protect environmental quality, and protect public health. The Secretary coordinates the state's environmental regulatory programs and ensures fair and consistent enforcement of environmental law, which safeguards the state's residents and promotes the state's economic vitality.

CALIFORNIA GLOBAL WARMING SOLUTIONS ACT

The Budget includes \$5.6 million special fund and 25.8 positions for the Air Board to continue implementation of the California Global Warming Solutions Act of 2006. These resources will support development and implementation of the Low-Carbon Fuel Standard and develop other greenhouse gas reduction measures.

FINANCIAL INCENTIVE PROGRAM FOR HEAVY-DUTY VEHICLES

The Budget includes \$48.7 million special fund for the Air Board to develop and implement a grant and loan program for owners and operators of on-road heavy-duty diesel-fueled motor vehicles. The grant and loan program will assist owners and operators to meet the costs resulting from early compliance with Air Board regulations requiring reductions in particulate matter emissions from these vehicles and greenhouse gas emissions from heavy-duty tractors and trailers. This funding will encourage early

action and provide environmental compliance assistance to heavy-duty fleets subject to upcoming regulations, thus ensuring the State achieves critical emission reductions.

HYDROGEN HIGHWAY

The Budget includes \$6 million one-time special fund to continue efforts to expand the state's Zero Emission Vehicle (ZEV) program infrastructure by offering incentives and co-funding opportunities for the purchase, lease and demonstration of zero emission vehicles and certain advanced technology near-zero emission vehicles. This funding will help the state move toward its goals of reducing greenhouse gases, criteria pollutants and toxic air emissions, and reduce the state's dependence on petroleum and implement the use of renewable fuels. These funds also will continue implementation of the California Hydrogen Highway Plan by offering grants to establish hydrogen refueling stations.

GREEN CHEMISTRY

Green chemistry is about designing products and processes to reduce or eliminate the need to manage and control end-of-cycle waste. The Budget contains \$772,000 special fund and six positions for the California Green Chemistry Initiative. Historically, environmental protection has concentrated on capturing and storing hazardous waste. Green chemistry is a fundamentally new approach to environmental protection, transitioning away from managing toxic chemicals at the end of the lifecycle, to reducing or eliminating their use altogether.

The Green Chemistry Initiative will identify options to significantly reduce the impact of toxic chemicals on public health and the environment. The initiative is a comprehensive and collaborative approach to develop a consistent means for evaluating risk, reduce exposure, encourage less toxic industrial processes, and identify safer alternatives. The result of a cooperative effort between the Department of Toxic Substances Control and volunteer industries will be an information repository that will provide safer, non-toxic alternatives to current production practices.