



GOVERNOR UNVEILS STRATEGIC INITIATIVE TO KEEP CALIFORNIA AT THE FOREFRONT OF INNOVATION

Today, Governor Schwarzenegger unveils his Strategic Research and Innovation Initiative, which provides \$95 million in funds for projects in key innovation sectors including "clean" technology, biotechnology and nanotechnology. These investments will help attract the world's most innovative students, researchers and businesses to California.

Governor Schwarzenegger is keeping California the nation's leader in innovation and cutting-edge research.

- California is home to more scientists, engineers and researchers than any other state.
- California provides 1 in 5 technology jobs in the country.
- Californians are responsible for 1 in 4 U.S. patents.
- California receives almost half of all venture capital funding in the nation and almost a third of all venture capital funding in the world.
- California accounts for nearly half of the nation's biotechnology research and development funding and generates more than half of the nation's revenues.

The Governor's Strategic Research and Innovation Initiative will support major projects in key innovation sectors: "clean" technology, biotechnology, and nanotechnology.

- *Helios Project*
 - This groundbreaking initiative by the University of California's Lawrence Berkeley National Laboratory will generate alternatives to traditional hydrocarbon fuels, develop new energy sources, improve energy conservation and reduce greenhouse gas emissions.
 - The Governor's 2007-08 budget proposes \$30 million in lease revenue bonds to fund the construction of a new energy/nanotechnology research facility for the Helios Project.
- *Energy Biosciences Institute*
 - A \$500 million BP grant to build and operate an Energy Biosciences Institute is currently available. UC Berkeley and UC San Diego are among only five universities in the world that have been invited to compete for the grant.
 - The Institute will be dedicated to the long-term research of alternative fuels and their production. Should a UC win, the Institute's work will dovetail with the Helios Project to accelerate California's movement towards a clean fuel future.
 - The Governor's proposed 2007-08 budget includes \$40 million in lease revenue bonds to either university if it wins the grant.
- *California Centers for Science and Innovation*
 - The Governor's proposed 2007-08 state budget includes \$19.8 million (General Fund) to support to University of California's pioneering partnership with private companies to conduct research in information technology, biomedicine, and nanotechnology.

- The four California Centers for Science and Innovation (CISI) bring together the world's finest academics and researchers to keep California competitive and growing in key technology fields. Charles M. Vest, President Emeritus of the Massachusetts Institute of Technology and president-elect of the National Academy of Engineering said the UC San Diego CISI “has collected the best team of research professionals anywhere in the country.”
- Since their inception, CISI have generated more than \$1 billion from private and federal sources. They were started with a \$400 million investment from the state.
- The Petascale Supercomputer:
 - The University of California already leads the world in high-speed computer technology, and its poised to debut the next generation of supercomputers.
 - UC San Diego, the Lawrence Berkeley National Laboratory, and the Lawrence Livermore National Laboratory are in the running to win a contract to build a Petascale computer, which will be the world's most powerful computer.
 - The Governor proposes \$5 million in the 2007-08 state budget to enhance the University of California's bid for the Petascale computer. The Petascale computer will allow California to make unparalleled progress in research and development and help attract the world's brightest students and faculty to California's universities.

Governor Schwarzenegger has consistently encouraged new technology industries to build California’s economy.

- Introduced the Million Solar Roofs initiative and signed SB1, which encourage the solar energy industry to locate in California and grow jobs here.
- Created the Hydrogen Highway, a network of hydrogen vehicle fueling stations, as a catalyst for car manufacturers and motorists to focus on alternative energy vehicles. Since then the Governor has provided more than \$12 million dollars for this program.
- Invested more than \$20 million for clean fuels and vehicles in his 2006-07 budget and set aggressive targets for bioenergy and biofuel sources, creating a stronger market for alternative fuel producers.
- Pioneered the Green Building Program, calling for public buildings to be 20 percent more energy efficient by 2015 and encouraging private sector companies to do the same.