

California High-Speed Rail Sustainability



Green Summit and Exposition
Sacramento, California
Gregg Albright
April 20th, 2011

California High-Speed Rail Sustainability

**Sustainable
Energy and
Infrastructure**

**Mode Shift to
Sustainable
Transportation**

**Sustainable
Land Use
Patterns**



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California should consider sustainability in every stage of the project to set the standard for high-speed rail in the United States.

Sustainable Energy and Infrastructure

100% Renewable Energy Goal

Recycled Materials

Sustainable Construction Practices

Water Management



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HSR can be a catalyst for a transit-oriented lifestyle and encourage planning for of California's future mobility needs.

Mode Shift to Sustainable Transportation

Shift travelers from air and auto for 200-500 mile trips

Connectivity with local and regional public transportation

Pedestrian scale and design, encouraging walking and biking

Connect both population centers and local destinations



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HSR can influence California's growth patterns through transit-oriented development and long-term planning.

Sustainable Land-Use Patterns

Downtown stations focus dense growth

Evolutionary approach to parking and development

Transit connectivity reduces the need for road expansion

Protect habitats and agricultural land from sprawl



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