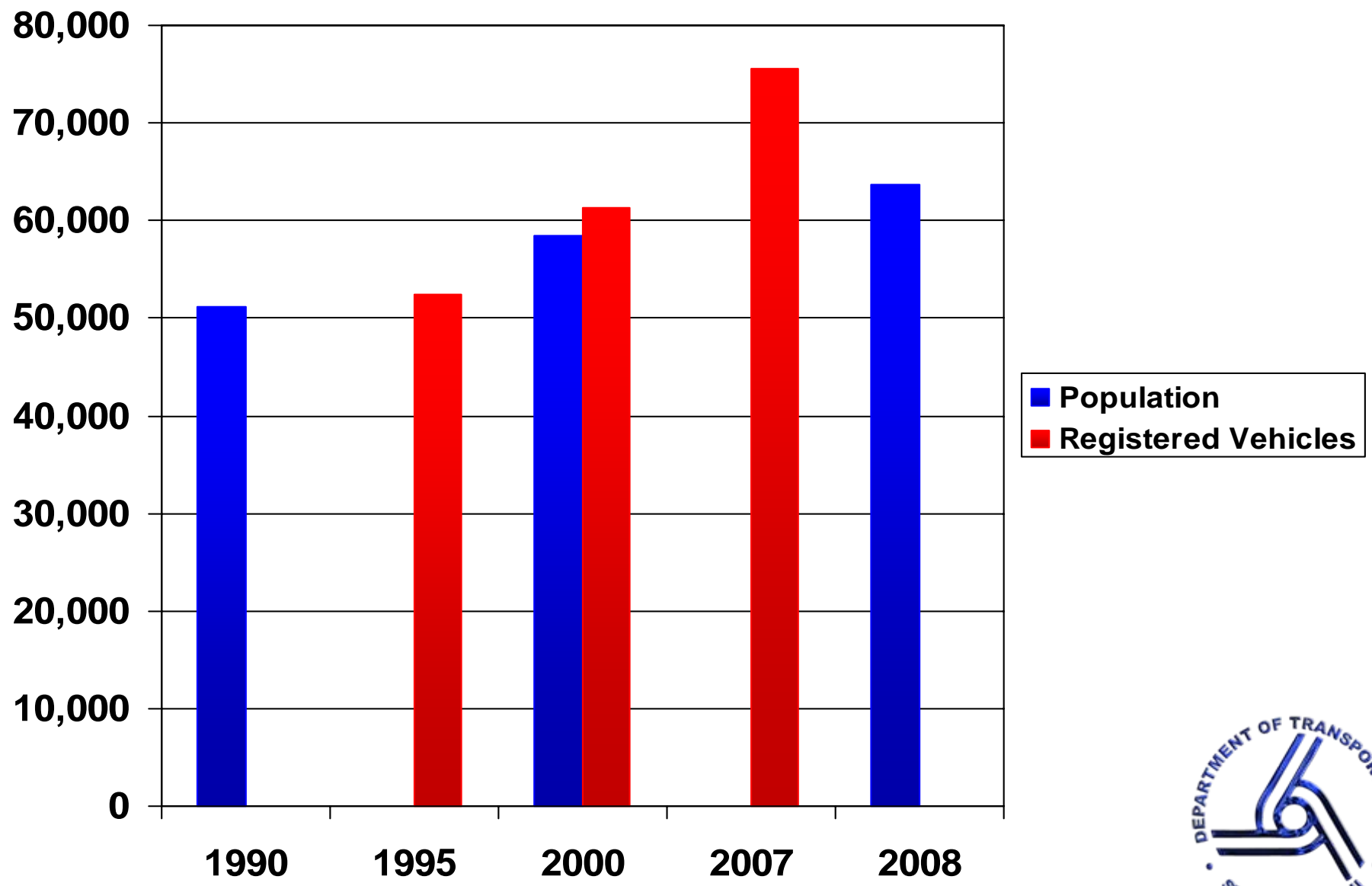


Kauai Energy Sustainability Plan

April 28, 2009



Population vs Vehicles on Kauai



Bike Plan Hawaii

Benefits of Bicycling

Transportation

Easy way to complete short trips and reduces traffic congestion.

Health

Excellent form of exercise

Economics

Promotes economic development, sporting events and eco-tourism

Community

Defines a community's character and inter-connectivity

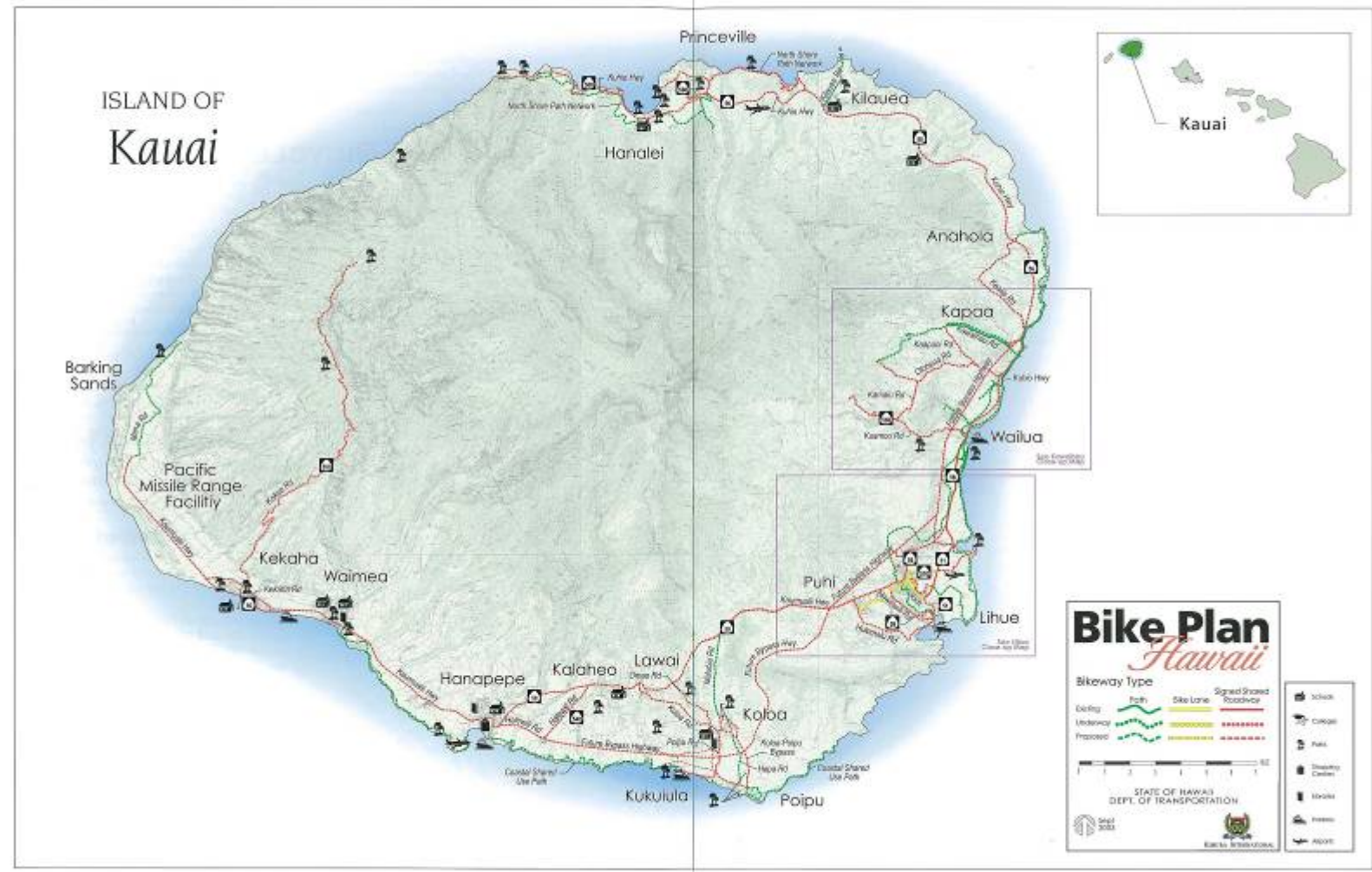
Environmental

Produces no air pollutants and doesn't consume fossil fuels



Bike Plan Hawaii

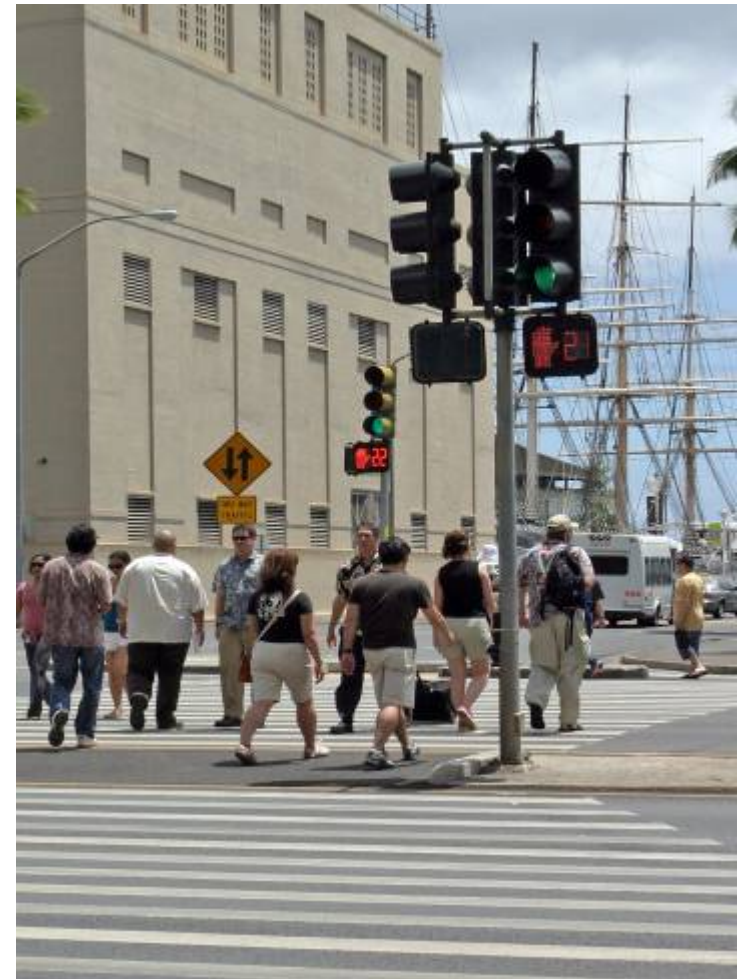
Kauai Bicycling Network



Statewide Pedestrian Master Plan

Plan will be developed to:

- **Parallel** Bike Plan Hawaii
- Provide guidance on **most effective use** of federal, state, and local resources to implement pedestrian initiatives
- **Identify and prioritize** statewide policies, existing pedestrian programs and projects
- Incorporate **complete streets policy** into plans, programs, and project development processes



Electric Vehicles

State of Hawaii and Better Place Public-Private Partnership

December 2008

Governor Lingle and Better Place unveiled plan to bring electric-car network to Hawaii

Renewable energy

Partnership will help fuel Hawaii's drive to lead nation in renewable energy use

Clean Energy Initiative

Goal to meet state's energy needs from 70% clean energy by 2030



Saving Time

Key Strategies to Reduce Traffic Congestion

- **Operational Improvements**
 - Intelligent Transportation System (ITS)
 - Mass Transit & Rideshare (Vanpool Hawaii)
- **Increase Capacity/Remove Bottlenecks**
 - Kaumualii Highway Widening
 - Kuhio Highway Widening
- **Improve Reliability of Commerce**



Photovoltaic Energy Systems

Statewide DOT initiative

April 2009

DOT and Hoku Solar will dedicate photovoltaic (PV) system at Lihue Airport

PV Energy Systems Project

Total of 7 DOT facilities statewide

- DOT Highways Division Baseyard in Kipu
- Nawiliwili Harbor DOT Administration Building

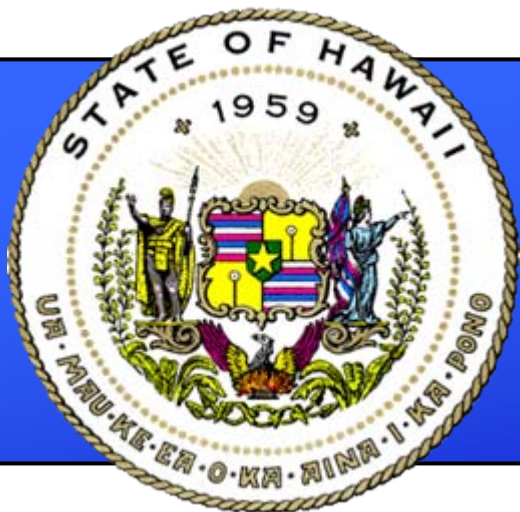


Clean Energy

Expected to produce 1.2 million kilowatt-hours of clean solar energy annually

Equivalent to removing more than 1,400 cars from the road





MAHALO

