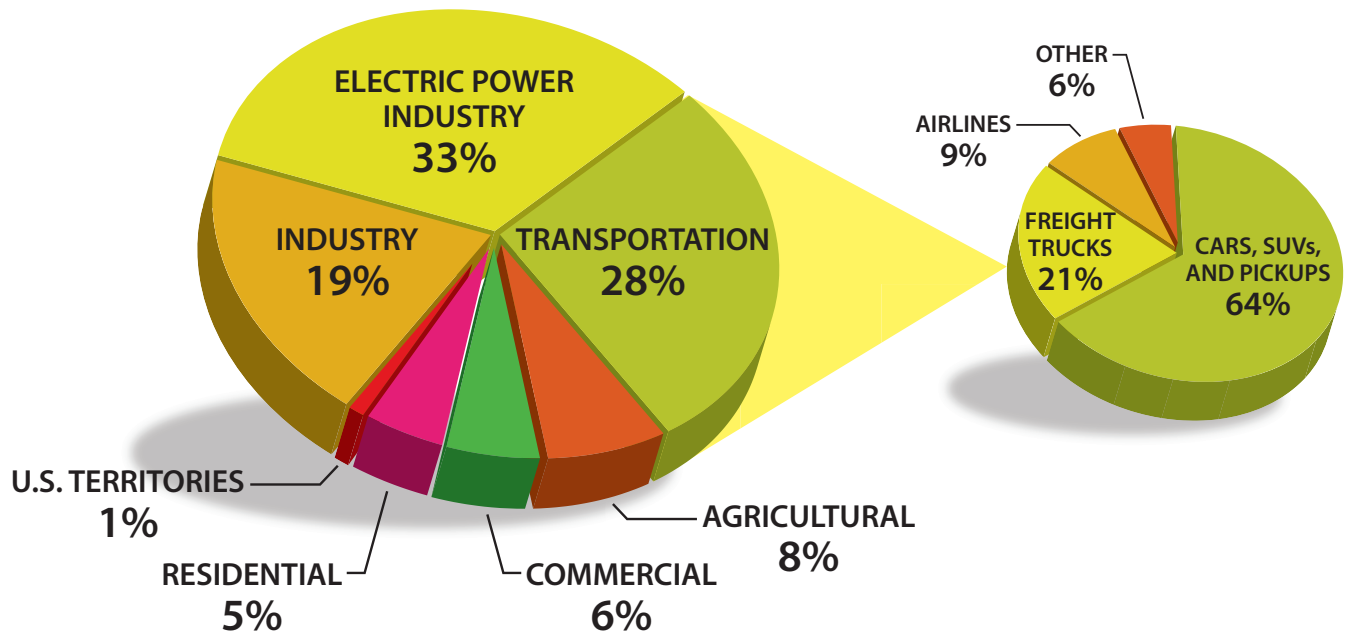


SUSTAINABILITY



The Honolulu Rail Transit Project promotes environmental, economic, and social well-being by incorporating sustainability practices throughout its planning, design, construction and operations. HART's practices recognize the unique environmental and cultural qualities of Hawaii, both regionally as well as at the neighborhood level. Our proactive sustainability efforts will highlight and preserve our 'aina for future generations.

Transportation Accounts For 28% of U.S. Greenhouse Gas Emissions



Source: U.S. Environmental Protection Agency, Inventory of Greenhouse Gas Emissions and Sinks: 1990-2006, April 2008.

Public transportation can reduce greenhouse gas emissions by providing an alternative to driving. On a national scale, transportation accounts for 28% of greenhouse gas emissions. 64% of these transportation emissions come from cars, SUVs and pickups. **Electric-powered rail technologies, like the one to be used for the Honolulu Rail Transit Project, produce about 75% less in greenhouse gas emissions per passenger mile than private automobiles.** In addition to providing a clean energy alternative to driving, the Honolulu Rail Transit Project also will help preserve green spaces by facilitating focused development and reduce carbon emissions related to transportation.

Each day HART:

- Serves almost 120,000 passenger trips
- Removes 40,000 car trips
- Saves 20,000 gallons of gasoline

OUR IMPACT

The Project will reduce daily transportation energy demand by 3%.
 3%/day = 52,700 mT CO₂/year = **ENERGY SAVINGS** equivalent to:



6,500
homes use of electricity for one year



120,000
barrels of oil consumed



2.2 million
propane cylinders used for home barbecues



5.9 million
gallons of gasoline consumed

Other energy-saving initiatives:

- Electric vehicle charging stations at all park-and-rides
- Bicycle parking at stations and storage racks in trains
- Energy efficient escalators
- Energy efficient LED lights
- Solar energy panels where appropriate