Transportation’s role in the HCEI Transition

Mark Glick
Hawaii State Energy Administrator
Goal: Reduce the use of petroleum in ground transportation by 70% or approximately 385 MGY by 2030

Key Strategies

- Reduce the overall number of vehicle miles traveled
- Expand the use of renewable fuels for transportation
- Accelerate the deployment of electric vehicles and related infrastructure
- Improve the efficiency of the standard vehicle fleet
HCEI 2.0: Transportation Stakeholder Engagement to Build a New Long Term Plan
HCEI Transportation Charrette

- Collaborative 6-12 month planning effort to reduce petroleum based fuels in the transportation sector (ground, marine & aviation).

- Engage energy and transportation stakeholders
  - Review new transportation options
  - Renewed commitment on new goals and timeline
Charrette Agenda

- Critical Assessment: Transportation Energy Industry and Strategy Tactics
- Transportation Energy Strategy Review: Develop master list of tactics

- Qualitative Evaluation: Develop short list of recommended tactics.
- Deliverable: Rank top 3-10 priority tactics along with rationale, analysis, and other accompanying data.
Charrette Agenda

- Assess and Review Existing Hawaii Plans and Associated Budgets
- Identify and Assess Impacts of Policy Drivers
- Assess existing Hawaii Plans to identify strategies for implementation
- Identify Private and Public Funding/Investment Opportunities
Recommendations

How the transportation plan is being retooled
Review best practices and case studies internationally.
Review options.
Establish a timeline and set of realistic expectations.
Present the planning, policy/ regulatory and funding requirements necessary to carry out next steps.
Present plan in public forum such as 2014-15 APCESE.
Mahalo

Hawaii State Energy Office
energyoffice@dbedt.hawaii.gov
http://energy.hawaii.gov
808-587-3807