



COLLEGE OF SOCIAL SCIENCES

**HAWAII ENERGY POLICY FORUM**

UNIVERSITY OF HAWAI'I AT MĀNOA

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# **Hawaii Energy Policy Forum**

## **Update on Activities and Initiatives**

**[www.hawaiienergypolicy.hawaii.edu](http://www.hawaiienergypolicy.hawaii.edu)**

# What is the Hawaii Energy Policy Forum?

- Over 40 energy and community member organizations
- Convened in 2002 to develop an energy vision and formulate and implement strategies for the state
- Based at the University of Hawaii
  - No vested interest
  - Fact-based studies
  - Leverages the state's investment in UH

# Forum Vision

**“Smart energy solutions to sustain a healthy, secure and prosperous Hawaii”**

## **“Smart energy solutions to sustain a healthy, secure and prosperous Hawaii”**

### **➤ “Smart” energy solutions**

- **Uses best technology available**
- **Non-wasteful**
- **Economically feasible**
- **Optimizes energy resources**
- **Provides best yield for our investment**
- **Is affordable**
- **Is pono**

### **➤ “Sustain”**

- **Will not be depleted**
- **Indigenous resource(s)**
- **Renewable resources**
- **Will last because it balances environment, economy, and values of Hawaii’s people**
- **Less dependent on imported energy sources**

### **➤ “Healthy”**

- **Clean air, water, and natural resources**
- **Health and wellness of Hawaii’s people**
- **Environmentally friendly**

### **➤ Prosperous”**

- **Economic growth/good jobs for Hawaii’s people**
- **Affordable**
- **Quality of life, i.e., everything is functioning well**

### **➤ “Secure”**

- **Renewables/indigenous resources**
- **Transition from fossil fuels to renewable energy sources**
- **Energy efficiency/conservation**
- **Adequate storage of fuel supplies to buffer state from global shortages and/or during emergencies**

# Forum Mission

**We are a collaborative forum for:**

- **Sharing ideas information & diverse viewpoints to**
  - ❑ **Reach understanding**
  - ❑ **Identify common ground for collaborative action**
  - ❑ **Present options for informed decisions to implement the energy vision**
- **Recommending and supporting policies**
- **Promoting civic participation**

# Developing & Implementing Action Plans: The Forum Working Groups

- **RENEWABLES WORKING GROUP**
- **ENERGY EFFICIENCY WORKING GROUP**
- **REGULATORY REFORM WORKING GROUP**
- **GREENHOUSE GAS EMISSIONS WORKING GROUP**
- **SOCIAL & CULTURAL IMPACT WORKING GROUP**
- **HYDROCARBON FUTURES/ENERGY SECURITY WORKING GROUP**
- **COMMUNICATION/OUTREACH WORKING GROUP**

# 10-Point Plan

1	Expand Renewable Energy Opportunities - REWG
2	Promote Conservation and Energy Efficiency - EEWG
3	Reduce Greenhouse Gas Emissions in Hawaii - GHG Emissions WG
4	Foster Civic Action and Participation - Comm/Outreach WG
5	Enhance Regulatory Goals and Protections - RRWG
6	Encourage Culturally Appropriate and Sustainable Energy Planning - Social & Cultural Impacts WG
7	Improve Energy Efficiencies and Options in Transportation - EEWG
8	Support Research and Development of Alternative Energy Sources - REWG
9	Support Sustainable Development and Use of Biofuels - REWG
10	Ensure the Security and Reliability of Energy Supply and Distribution - Hydrocarbon WG

# Highlights of 2008 Achievements

- **Study of Biofuel crop development in response to HCR 195 (2006) led to Hawaii Bioenergy Master Plan development (2007-08)**
- **Study of Hawaii energy utility regulation and taxation leading to support for and reorganization of the PUC and DCA (Regulatory Reform Action Plan)**
- **Study of EE transportation strategies in response to Act 254 and convening of Energy Efficiency in Transportation Working Group**
- **Study of natural gas import options for Hawaii in response to USDOE contract to address Section 355, National Energy Policy Act**
- **Assessment of EE in four buildings through “Energy by Example” initiative**



# Outreach Activities to Share Ideas & Information

- **Briefing of Congressional Delegation staff on RE developments (March 2007)**
- **Briefing on federal opportunities in “ag-energy” by U.S. House Agriculture Committee Chairman Colin Peterson (April 2007)**
- **Co-convened WG with broad spectrum of stakeholders on guidelines for ocean energy development (July 2007)**
- **Briefing on commercializing new RE technologies by U.S. Departments of Commerce & Energy and local representatives of High Technology Development Corporation, Sopogy & ClearFuels Technology (August 2007)**

# **Outreach Activities to Share Ideas & Information, cont'd.**

- **Briefing on work of the Hawaii Natural Energy Institute, University of Hawaii (September 2007)**
- **Briefing on greenhouse gas emissions (GHG) by the Technical Working Group of the State GHG Emissions Task Force & the Voluntary GHG Reporting Program of the Climate Registry (November 2007 and December 2008)**
- **Co-sponsored TV Documentary: “Hawaii’s Climate Crisis” (January 2008)**
- **Briefing on the Hawaii Clean Energy Initiative and Facilitated Dialogue on the October 2008 Energy Agreement between the State and HECO**