



COLLEGE OF SOCIAL SCIENCES
HAWAII ENERGY POLICY FORUM
UNIVERSITY OF HAWAI'I AT MĀNOA

Hawaii Energy Policy Forum

Update on Activities and Initiatives

2007

www.hawaiienergypolicy.hawaii.edu

Why the Forum?

- Adversarial Climate
- Policy gaps
- No coordinated effort
- “Business as Usual” attitudes
- Failure to identify the “Hidden Crisis”
- University of Hawaii is a neutral party
 - ❑ No vested interest
 - ❑ Fact-based studies
 - ❑ Leverages the state’s investment in UH

Forum Mission

We are a collaborative forum for:

- **Sharing ideas and information,**
- **Recommending and advocating policies and initiatives, and**
- **Promoting civic action to achieve Hawaii's preferred energy future**

Forum Vision

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

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 Efficiency 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 2007 Achievements

- **Study of Biofuel crop development in response to HCR 195 (2006) led to Hawaii Bioenergy Master Plan (2007)**
- **Study of opportunities and barriers for RE and EE development (Regulatory Reform Action Plan)**
- **Study of EE transportation strategies in response to Act 254**
- **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

- Briefed 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)
- Briefing on work by BlueEarth Biofuels (June 2007)
- Facilitated WG that created 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)
- 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)
- Co-sponsored TV Documentary: “Hawaii’s Climate Crisis” (January 2008)

Forum Proposed Legislation

➤ Forum Funding

- In-kind donations valued at \$300,000 for 2007

- Legislative Proposal Requests Funding for:
 - Administrative support
 - Outreach Activities
 - Implement Action Plans
 - Assess Progress

Developing & Implementing Action Plans: The Forum Working Groups

- **RENEWABLES WORKING GROUP**
CO-CHAIRS: Warren Bollmeier & Rick Reed
- **ENERGY EFFICIENCY WORKING GROUP**
CO-CHAIRS: Darren Kimura & Stephen Meder
- **REGULATORY REFORM WORKING GROUP**
CHAIR: Carl Freedman
- **GREENHOUSE GAS EMISSIONS WORKING GROUP**
CO-CHAIRS: Mike Hamnett & Carl Freedman
- **SOCIAL & CULTURAL IMPACT WORKING GROUP**
CO-CHAIRS: Mark Glick & Paula Helfrich
- **HYDROCARBON FUTURES/ENERGY SECURITY WORKING GROUP**
CO-CHAIRS: Steven Golden & Lance Tanaka
- **COMMUNICATION/OUTREACH WORKING GROUP**
CO-CHAIRS: Peter Rosegg, Mitch Ewan & Bill Kaneko