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

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>WG</th>
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<tbody>
<tr>
<td>1</td>
<td>Expand Renewable Energy Opportunities</td>
<td>REWG</td>
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<td>2</td>
<td>Promote Conservation and Energy Efficiency</td>
<td>EEWG</td>
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<td>3</td>
<td>Reduce Greenhouse Gas Emissions in Hawaii</td>
<td>GHG Emissions WG</td>
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<td>4</td>
<td>Foster Civic Action and Participation</td>
<td>Comm/Outreach WG</td>
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<td>5</td>
<td>Enhance Regulatory Goals and Protections</td>
<td>RRWG</td>
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<td>6</td>
<td>Encourage Culturally Appropriate and Sustainable Energy Planning</td>
<td>Social &amp; Cultural Impacts WG</td>
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<td>7</td>
<td>Improve Energy Efficiency and Options in Transportation</td>
<td>EEWG</td>
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<td>8</td>
<td>Support Research and Development of Alternative Energy Sources</td>
<td>REWG</td>
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<tr>
<td>9</td>
<td>Support Sustainable Development and Use of Biofuels</td>
<td>REWG</td>
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<td>10</td>
<td>Ensure the Security and Reliability of Energy Supply and Distribution</td>
<td>Hydrocarbon WG</td>
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Highlights of 2007 Achievements

- 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