



**2008 KAUA'I RENEWABLE  
ENERGY CONFERENCE  
SEPTEMBER 8, 2008**



### **Mission Statement**

**As a kama`aina company, Grove Farm is committed to leading Kaua`i's community and economic development, while being a responsible steward of its aina.**

### **Vision Statement**

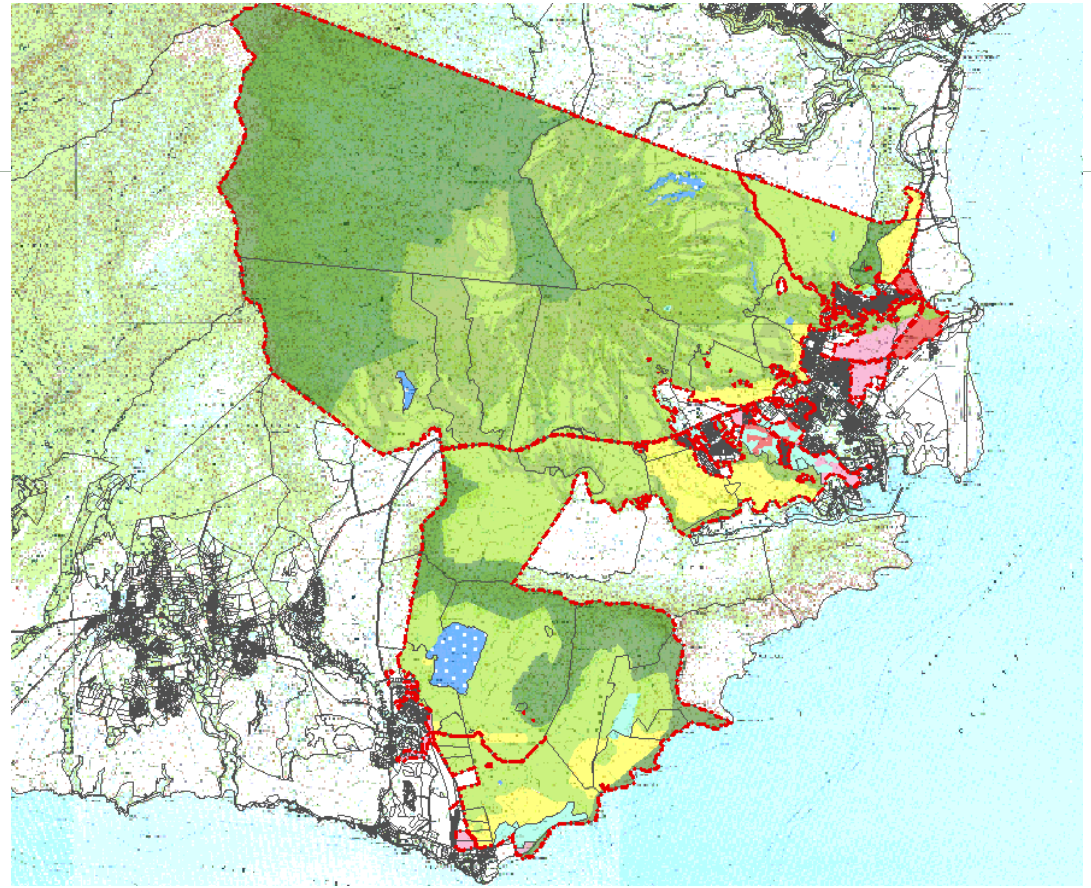
**In its transition from a sugar plantation to progressive community and economic development firm, Grove Farm is a leader in social entrepreneurship and island-enhancing initiatives. By remaining kama`aina-focused, Grove Farm enhances Kaua`i's communities through a holistic approach to development and is deeply committed to preserving the island's cultural and historical linkages.**



# Land Resources



Approx. 40,000 acres





# Business Segments

- Projects
- Diversified Agriculture
- **RENEWABLE ENERGY**
- Infrastructure Development
- Community Development
- Business Ventures
- Social Entrepreneurship



# Renewable Energy

- Hawaii BioEnergy
- Algae for Biodiesel & Jet Fuel
- Hydroelectric
- Solar Powered Energy (SOPOGY)
- Photovoltaic (PV) Solar Power
- Solar Powered Street Lights – Employee Parking Lot
- Wind



## CHALLENGES

- Financial Feasibility
  - **POWER PURCHASE AGREEMENTS – KIUC**
    - Interconnectivity with the grid
      - » Intermittency requires solutions such as energy storage which is expensive and increase costs.
  - Scale
  - Financing
  - LAND
  - Development Costs
- Permitting
  - Timeline and costs
  - No formal Renewable Energy permitting process or procedures
  - EAS/EIS
  - Unknown requirements or conditions placed on project
- Environmental Challenges
  - Particularly challenging for Hydro and Wind



# HAWAI`I BioEnergy

- International consortium led by three of Hawai`i's largest landowners
  - **Grove Farm Company**
  - **Maui Land & Pineapple Company**
  - **Kamehameha Schools**
  - **Pierre Omidyar, Founder of Ebay**
  - **Vinod Kholsa, Founder of SunMicro Systems**
  - **Finistere, San Diego/New Zealand Bio Research Firm**
- Actively researching Algae and other potential fuel crops
  - [www.hawaii.bioenergy.com](http://www.hawaii.bioenergy.com)