



Sen. Russell Kokubun,  
Chair

**Spring Community Meeting**  
**April 14, 2007**  
**Kapa'a Middle School, Kapa'a**  
**Kaua'i County**

Rep. Lyla Berg  
Rep. Pono Chong  
Sen. Suzanne Chun Oakland  
Ian Costa  
Henry Eng  
Sen. Mike Gabbard  
David Goode  
Marion M. Higa  
Jeffrey Hunt  
Dr. Karl Kim  
Millie Kim  
Keith Kurahashi  
Brad Kurokawa  
Rep. Colleen Meyer  
Keith Rollman  
Dr. James Spencer  
Jane Testa  
Laura Thielen  
Stacie Thorlakson  
Beth Tokioka  
Sen. Jill Tokuda  
Michael Tresler  
Pamela Tumpap  
Rep. Ryan Yamane

**Participants**

John Askew  
John Barnett  
Dana Bekeart  
Ted Blake  
Pxa Chaska  
Toni Childs  
David Crawshaw  
Barbara Curl  
Judy Dalton  
Arthur K. Defrees  
David Dinner  
Mel Gabel  
Vera Gabel

Gia Gaiocchi  
Greg Goodwin  
James Kapernekas  
Andrea Lecusay  
Takasha Lewis  
Sharon Reilly  
Michael Rickett  
Terrence Schlesinger  
Ken Stokes  
Catherine Stowall  
Jane Taylor  
Ken Taylor

Participants were placed into two groups. Each group was asked to develop A) goals for sustainability and B) strategies and measures for sustainability. The goals are intended to be broad themes, while the strategies and measures are intended to be more specific. The results were documented by facilitators and are presented in the pages that follow; please note that the results reflect the expressed opinions of the participants and not the Hawaii'i 2050 (H2050) Sustainability Task Force.

The results will be utilized by the H2050 Sustainability Task Force as it develops the H2050 Sustainability Plan.



## GROUP 1

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### A. Goals

Goals	Number of people ranking as a priority
Increase use of locally grown and local green products in building (i.e. bamboo, canvas, etc.); implement mandatory organic gardening practices; establish intentional communities that are sustainable.	13
Maximize alternative energy especially solar power (lowest negative impact first) then move on to other ideas	9
Preserve agricultural land for agricultural use	8
Provide education on sustainability for the general public; establish a natural living epicenter that educates young children about sustainability; teach natural living skills in schools.	8
Protect watershed - integrate all activities (development, Ag) within watershed (mountain to ocean)	7
Merge Hawaiian spirituality, thought and wisdom – Aha moku; Redefine (define correctly) Ahupua`a; consider use of spelling Hawai`i vs. Hawaii; increase Hawaiian culture in college educational programs	7
Support reinstating Hawaiian self government	6
Protect development of coastal areas	5
Restore damage to island flora and fauna; control and eradicate alien species	5
Mandatory recycling and pick up	4
Create chat option on website for 2050 sustainability	4
In tourist areas (such as Koke`e) with high activity, shut down private transportation-only public	3
Implement zero-waste program	3
Assure public access to all of Hawaii's beaches	2
Engage in protection of North West Hawaiian islands	2
Locate schools more closely to communities	1
Promote family gardening	1
Establish 4-year degree programs on Neighbor Islands	1
Sustain overall well-being (holistic, arts, culture)	



## **B. Strategies and Measures**

### **Goal #1 – Promote use of green building products and supplies; promote organic gardening**

#### Strategies

- Promote use of local building materials i.e. bamboo
  - Tax incentives
  - Educate builders and consumers
- Change permitting process to incentivize use of local products
- Change mortgage rules to allow for use of alternative building materials
- Shift burden of responsibility to developers for sustainability
- Ensure there is adequate infrastructure to support development
- Promote use of low impact infrastructure

#### Measures

- Percent of buildings (new construction) that use locally produced materials
- Number of acres set aside for growing building materials

### **Goal #2 – Preserve Agricultural (Ag) Land**

#### Strategies

- Enforce existing zoning laws
- Ban GMO farming
- Prohibit renting Ag land as residential or for other uses
- Increase subsidies for organic farming
- Create tax breaks for Ag land if land is used for Ag
- Enforce taxation – Ag land taxed as Ag; residential or commercial uses should be taxed appropriately
- Educate/promote programs that promote Ag use
- Ban Ag subdivisions
- Limit farm house (residential) to 1500 sq ft
- Account for existing number of acres and ownership of Ag land

#### Measures

- Increase in number of acres used for Ag
- Decrease in number of homeless farmers
- Increase in number of farms

### **Goal #3 – Maximize alternative energy, especially solar power**

#### Strategies

- Mandate energy companies use alternative energy
- Create solar powered zones on each island
- Increase tax credits for solar use



- Promote the use of energy efficient products
- Conduct more studies on various alternative energy sources to identify the best uses in various areas
- Promote use of electric cars
- Promote and increase use of alternative transportation

#### Measures

- Decrease in imported energy
- Decrease in greenhouse gas emissions
- Increase in percent of alternative energy used
- Increase in use of public transportation
- Increase in percent of alternate energy produced by each power company
- Improvement in air quality

### **Goal #4 – Protect watersheds – integrate all activities within watershed**

#### Strategies

- Promote rooftop catchment cistern
- Establish “zero tolerance” for water pollution
- Implement regular monitoring and testing in bays and streams
- Promote native forests/species preservation
- Move livestock out of watersheds
- Ban use of harmful pesticides (i.e. on golf courses and other areas)
- Replace cesspools that are polluting
- Protect coastlines and wetlands from development
- Enforce land use and zoning laws
- Establish database to track violators
- Establish rapid response to violations

#### Measures

- Improved water quality (in bays and streams) and reef quality
- Increase in number and variety of fishes
- Increase in number of acres of wetlands
- Increase in native species
- Decrease in invasive species

### **Goal #5 – Education on sustainability and natural living skills**

#### Strategies

- Promote community gardening
- Promote school gardening programs
- Promote compost programs
- Engage school children in programs related to sustainability
- Conduct environmental audits of homes



- Provide government funded workshops for business community, visitor industry and residential on sustainability
- Educate children about local sustainable building products i.e. bamboo, adobe, Ag waste into bricks, rocks, lava
- Bring back “Future Farmers of America”
- Encourage eco-tourism
- Establish local conservation and ecology programs at college level in all communities



## GROUP 2

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### A. Goals

<b>Goals</b>	<b>Number of people ranking as a priority</b>
Protect pure/natural water resources. Develop source water protection plan	8
Preserve Ag lands	5
Encourage consumption and use of locally grown/made products; support “artisanship”	5
Develop policies and programs for healthy kids	4
Produce more of our own food; 100% organic agriculture – no GMOs	4
Support ability of residents to stay in Hawaii for multiple generations	4
Eliminate landfill and utilize other solid waste technologies	3
No freeways	3
Develop interconnected system of roadways	3
Develop and support educational system that fully prepares students for life and careers	2
Produce our own textiles	2
Preserve natural beauty	2
Honor and learn from Kupuna	2
Develop multi-model transportation	2
Increase participation by long-time local residents	2
Increase revenue from additional sources; charge visitors more	1
Grow and process hardwoods for local use and export	1
Utilize alternative change energy source for transportation	1

## **B. Strategies & Measures**

### **Goal #1 – Protecting pure/natural water resources**

#### Strategies

- Use non-chemical methods of purification
- Gain control of pure water resources
- Use green building practices to decrease run off and increase permeability
- Manage storm water drainage
- Manage water runoff
- Use biodegradable water containers

#### Measures

- Analyze water sale data I'm not sure this is correct; check worksheet
- Measure how many water processing plants use pure water vs. chlorinated water
- Test water quality
- Streams meeting water quality standards

### **Goal #2 – Preserve Ag land**

#### Strategies

- Revisit CPR laws allowing Ag subdivision
- Create new Ag lands
- Enforce laws on the books (i.e. farm dwellings)
- Educate the public about the importance of Ag
- Require Ag on Ag-zoned land
- Allow worker housing on Ag land
- Identify and develop strategy for “Important Ag Lands” (I.A.L.)
- Redevelop in urban areas vs. Ag lands

#### Measures

- Calculate amount and value of produce/value on each acre
- Land-to-Ag use ratio
- Number of acres identified as I.A.L.
- Number of workers living on each property

### **Goal #3 – Encourage consumption and use of locally made products; support “artisanship,” produce our own textiles, including lumber**

#### Strategies

- Educate the public on what's available
- Work with schools in primary grades: lunches are locally grown, school gardens.
- Encourage product/crop diversity
- Offer tax breaks and other incentives for business people
- Provide training to business people



Measures

- Health improves
- Number of new businesses created and using local products
- Number of new arts and business courses

**Goal # 4 – Develop policies and programs for healthy kids**

Strategies

- Build family values
- Increase family support programs
- Offer parent support programs
- Provide healthcare access for all kids
- Develop teen activities (volunteerism)
- Provide mentoring programs
- Provide high-nutrition foods in all schools
- Make drug rehab programs available
- Offer multi-cultural activities

Measures

- Survey teachers about student conduct
- Crime rate
- Number of intercultural conflicts
- Reduce out-migration
- School dropout rates

**Goal # 5 – Produce more of our own food; 100% organic; no G.M.O.**

Strategies

- Offer education on nutrition and environmental benefits
- Support home gardening
- Provide 4H programs for adults
- Assure that seed is available
- Purchase live stock
- Require grocery stores to buy local
- Provide grants, tax breaks and other financial incentives

Measures

- Import vs. local crops
- Increase in small farms

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