



Sen. Russell Kokubun,
Chair

Spring Community Meeting
May 5, 2007
Kealakeha High School, Kailua-Kona
Hawai'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

Sue Aronson	Keone Lopaka
Laura Aquino	Calvin Mann
Micah Burker	Mike Matsukawa
Nancy Callahan	Margaret McGuire
Patrick Callahan	Steve McPeer
Karen Eoff	David Myrick
Doug Fox	Ed Paige
Una Greenway	Sara Peck
Peter Haim	Palikapu Pedmise
Marni Herbis	Rodney Rednilo
Lisa Hynb	Robert & Nancy Scariva
Gail Judd	Jane Testa
Josephine Keliipio	Matilda Tompson
Millie Kim	Robaire Vioria
Russell Kokubun	Christine Vioria
Barbara Kossow	David and Shirley Wills
Brad Kurokawa	Margaret Wike
Lionel Kutner	

Participants were placed into four 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 Hawai'i 2050 (HI2050) Sustainability Task Force.

The results will be utilized by the HI2050 Sustainability Task Force as it develops the HI2050 Sustainability Plan.



GROUP 1

A. Goals

Goals
Culture
Preserve aloha (Native Hawaiian people & culture)
Acknowledge the rights of Hawaiians today – State responsible (Article 12, Sec 7)
Live Hawaiian values
Adopt ahupua`a system for resource management
Increase our island cooperative consciousness
No race-based decision making
Put Hawaiian culture and traditions as a priority in decision making
Increase guidance from Hawaiian elders
Create pro-business/pro-family government
Education
Focus on education – lifelong-shares and uses info
Acknowledge that our current education system has failed
Double voter participation
Shift current balance of decision making from short-term economic strategies to long-term sustainable policies of economic, social issues
Health
Increase access and quality of healthcare
Improve the health status of all
Acknowledge failure of our current health and insurance systems
Government
Shift current balance of decision making from short-term economic strategies to long-term sustainable policies of economic, social issues
Increase government accountability
Natural Resources
Energy independent
Improve transportation options – reduce dependence on auto
Food independence
Adopt ahupua`a system for resource management
Reduce waste of fresh water
Implement Hawai`i constitutions trust document – Precautionary principal
Increase public ownership of land
Replenish our natural resources



Draw water from the ocean (desalination)
Eliminate sewage out-fall into ocean
Protect ocean ecology
Increase energy conservation practices
Increase protection of our natural resources such as beaches – enforcement
Stop commercialization of our natural resources
Population
Set sustainable population for island
Establish immigration policies that protect our resources
Process
Base goals and decisions on real science not politically correct pseudo-science
Understand assumptions of the plan (i.e. is global warming really happening?)



B. Strategies and Measures

Goal #1 – Culture

Strategies

- Uphold State Constitution Article 12, Section 7
- We all live respectful of Hawaiian values and cultures – with aloha
- Respect diversity of our cultures – host culture respected as our first culture

Measures

- Number of people speaking more than one language
- Preserved “special places” (beaches to ponds)
- Number of people who are practicing traditional lifestyle/cultural practices
- Number of people who have access to open space
- Wide spread knowledge of Article 12, Section 7
- All government decisions i.e. zoning, subdivision consistent with our culture goal including Article 12, Section 7
- Increase in number of villages/communities that are created (eco-village)

Goal #2 – Education

Strategies

- Refocus education on thinking, questioning, science & mathematics
- Communicate importance of education-link education to goals of youth
- Free higher education for all

Measures

- New Hawai`i history curriculum written by Hawaiians
- Establish medical school on Hawai`i
- All schools (new residents, prof) have service, community based curriculum tied to place & culture
- All tourists and new comers educated in place and culture
- Bar exam- add section on Hawai`i
- 100% literacy rate
- Decrease in drop-out rate
- Increase participation at all levels of education
- Increase community involvement in all schools
- Voter participation doubled
- Hawai`i ranks in top 10% educated citizens worldwide
- Increase number of jobs in health and science



Goal #3 – Natural resources

Strategies

- Uphold Article 11, Section 1 of Hawai'i State Constitution
- Protect and enhance natural resources
- Replenish natural resources
- Increase our island self-sufficiency i.e. food
- Increase (to 100%) energy self-sufficiency
- Increase in number of people recycling
- Adopt and adapt ahupua`a system
- Increase in the amount of provisioning visiting cruise ships

Measures

- Increase in marine health (i.e. number of fishes)
- Increase in health of reefs
- Increase in proportion of locally produced food that is consumed (goal 100%)
- Decrease in erosion and run-off
- Increase in laws that require developers to prevent erosion and run-off
- Decrease percent of fresh water waste
- Decrease pounds of glass and plastic imported

GROUP 2

A. Goals

Goals	Number of people ranking as a priority
Move towards statewide maximum energy renewable use	6
Achieve 100% food sustainability	6
Minimize consumption of land for housing/commercial (what we consider essential)	4
Maximizing localized economy to meet basic needs (water, food, energy, housing) of the community	3
Eliminate Ag's negative impact on soil, ground H ₂ O, ocean, and species on island, including humans. Closed system-regenerative-organic	3
Increase critical thinking within our public schools (literacy)	2
Stop damaging the land before changes are made – review projects to assure criteria is met thru EIS's before changes are made	1
When island/state was sustainable – look to Hawaiians to lead teach us how to reach sustainability – ahupua`a system – that worked instead of new model	1
Sustainable agriculture – “good/bad” Attain 50% fruits/vegetables by 2050 i.e. truck farms-short hauls to city	1
Leadership coming from schools not the government – they must carry on	
Coordination/intergovernmental, State and County- Adopt our Community Development Plans	
(RE: Oregon) State take strong leadership (Gov.) role towards (entire package) statewide sustainability – State buy in.	
Create citizen education and public participation for enlightened self interest	
Don't just use economic drive – pono driven with environment and society/community considerations	



B. Strategies & Measures

Goal #1 – Maximize localized economy to meet basic needs of the community

Strategies

- Close Wal-Mart – Provide education/training focused on providing public's understanding/knowledge/willingness to use and acceptance of how to run these new businesses.
- Look to past/historical culture as model for a sustaining an island
- Utilize local consumption and production. Provide incentives-encourage businesses to change their practices
- Use dis-incentives

Measures

- Increased application of education and technology
- Measuring local economy – local output

Goal #2 – Eliminate agriculture's negative impact on soil, water, ocean (ecosystem) and all species on islands, including humans

Strategies

- Look to past-eliminate pesticides/herbicides
- Do no harm policy with enforcement
- Caution on chemicals – implement incentives for education on alternative control methods
- Strong use of ground cover
- Outlaw bare soil – Address/stop deforestation
- Impose stricter fines
- Extensive exploration of pollen drift or impacts of large tract GMO plantings and soil
- Decision making criteria for GMO/Ag research – require objectivity from our representatives (USDA-UH Manoa-CTAR-HDOA-DOH)
- Create GMO – Free zone on Big Island – limiting impact

Measures

- Pollen traps, soil testing, PCR testing, cross pollination
- Dialogue – resulting policies enacted
- More land removed from GMO production

Goal #3 – Minimize consumption of land for housing and commercial development – and what we consider essential

Strategies

- Ag limit for Ag land usage
- No more Ag land for housing
- IAL incentives
- Cluster housing – higher density-measure number of developments
- CDP's for input



- Encourage people to live in smaller homes
- Eliminate incentives for “2nd home economy”
- Permits to developers must provide renewable energy
- Stop zoning changes from conservation to urban

Measure

- Monitor acreage use

Goal # 4 – Move towards statewide 80-100% renewable energy by 2050

Strategies

- Mandated statewide renewable energy code
- Look at what is possible statewide-integrated energy plan with contributions/energy from each island
- All government facilities – LEED buildings – statewide State, Federal, County
- Supporting ongoing research for renewable
- Encourage/incentives for net metering
- Encourage clean business to come here

Measures

- Contributions to grid
- Monitor cash outflow to energy suppliers

Goal # 5 – Achieve 100% food sustainability by 2050

Strategies

- Don't allow large percent of Ag land to go into fuel production
- “Chicken/garden in every pot”
- Community gardens
- Cuban model initiated
- Ahupua`a model decentralizes for self sustainability
- Don't make subdivision on Ag land
- GMO acreage export to mainland. Reduce GMO acreage in seed corn. Reduce high tech tax credit going to GMO companies
- Education-consumer-school gardens
- Branding local products-incentives to participate
- Tax break incentives
- Alternative crops to those requiring bee pollination
- Dept. of Ag should promote subsistence agriculture-reduce burden on imports

Measures

- Number of producers producing/marketing locally 100%
- Measure Ag land inventory
- Measure and label use of locally produced Ag products
- Survey schools – how many gardens
- Survey consumers

GROUP 3

A. Goals

Goals	Number of people ranking as a priority
Sustainable Economy	
Develop positive incentives to increase agriculture (especially on Hawai'i Island)	3
Educate our workforce (beginning in kindergarten)	2
Increase assets of local families	2
Give more value to jobs that are presently undervalued (Ag, environmental, education, child care, etc..) jobs which contribute to sustainability	2
Eliminate eucalyptus tree farming lands and distribute land for small scale Ag	1
Increase of locally owned small businesses	1
Grow/develop meaningful jobs (sustain more than minimum wage mentality)	
Create jobs that educate "sustainability" (low impact) - Relying on natural environment as is	
Develop capabilities of individuals Ag based communities	
Sustainable Community	
Build communities where you can work, live, play and learn close by	5
Employ ho'oponopono	2
Create environment that support healthy and safe families, lifestyle, community	1
Create opportunities to interact within a community	1
Basic governmental functions to be made accessible to all (education, health care, etc...)	
Look at making a proactive plan to sustain our quality of life (what's happening now and how can we change that to push people out of isolation)	
Have a local functioning governance mechanism at local level – (final say in what happens in local level)	
Create gathering places	
Design a way to build social relationships/ interdependence within a community	
Sustainable Environment	
Drastically energy independent utilizing natural energy sources	5



Practice ancient “seasons” (fishing, planting etc...)	4
Responsible County Government that would follow an environmentally sound plan (i.e. waste management)	4
Restore natural ecosystems to ensure increased return of native species (regeneration)	2
Preserve open spaces and marine protected areas to ensure seed stock/replenishment	2
Address issues of the Native Hawaiians (regarding land, life, etc...) for guidance for the future	1
Plan for our island rather than follow the State	1
Have a plan for a sustainable environment	
Preserve our water resources (drinking, oceans, Ag)	
All to have gardens (without a lot of chemicals) or community gardens to sustain food source	
100% household recycling (by 2050)	
Sustainable Quality of Life	
State with Native population (deal with long term basic problems health, Hawaiian concepts) before deal with other things	4
Neighborhoods that are connected to communities (roads, paths etc.)	3
Restoration of Hawaiian governance	2
Get affordable housing built	2
Teach children to be who they are – to be sovereign	1
Building “intergenerational mechanisms” into building communities – have gathering places	1
Universal health care for all	1
Well maintained parks, open spaces, and natural resources close to where we live	1
Create balance (in all aspects of life-social/economic/environmental etc...)	
Government to look at solutions that are not too driven by technology/caution in using our knowledge. “Simpler/well-integrated solutions” that can be employed now in everyday life	
Protection of natural resources (education equality) necessary/critical to the traditional lifestyle	



B. Strategies & Measures

Goal #1 – Energy independence utilizing natural energy sources

Strategies

- Increase bio-energy by growing hemp
- Promote use of electric cars
- Make solar/photovoltaic heating systems more affordable
- Require retrofitting of all business/residential energy systems to affordable solar
- Eliminate all reliance on geothermal energy
- Increase use of geothermal energy
- Don't use any more fossil fuel based (imported) energy in the year 2050 than what we can produce

Measures

- Decrease use of fossil fuel
- Increase number of electric cars
- Increase system in homes/business, decrease on grid
- Decrease use of fossil fuels/oil etc...
- Shut down geothermal
- Decrease use of fossil fuels
- Energy cap on individual/businesses

Goal #2 – Build communities where you can work, live, play and learn in

Strategies

- Utilize taxes from energy to support this type of community (i.e. Guernsey, France)
- Develop stricter regulations on development (building needs to support this goal)
- Implement ahupua'a ideals/system
- Take examples from other places (states/countries) that have implemented such communities
- Return all Hawaiian homelands to Hawaiian people for settlement

Measures

- Increase tax that goes to fund
- Decrease in unhealthy development/enacting legislation stating this
- Decrease in sprawl
- Decrease in commute time, decrease exodus from community
- Visually see community that is connected
- Increase in interaction between people in community
- Increase of gathering places
- Decrease development along shoreline
- Public access to shoreline areas



Goal # 3 – Responsible County Government that would follow an environmentally sound plan

Strategies

- Develop (with community involvement/input) an environmental plan
- Begin shifting County Government to Hawaiian governance

Measures

- Plan developed in near future
- Policy changes will reflect plan
- County government has to incorporate all change/info coming in from various community based processing
- Increase all issues discussed (restoration of season, eco-systems, food, clean water, etc...)

GROUP 4

A. Goals

Goals	Number of people ranking as a priority
Sustainable Economy	
Educate the “school kids” to be farmers/sustainability	5
No more U.S. dollars “monetary system”	2
Buying local	2
No taxes	1
Higher tax incentives for solar power	1
Agriculture is about power	1
Zoning laws that protect “Ag land”	1
Give land back to the people	1
Sustainable Community	
Balance between housing and Ag lands – cluster housing	5
Everyone has a “victory” garden	4
Hydroponics	3
Multi level housing to conserve space “compact building”	2
Alternate energy uses, transportation condors, roads, mass transit	2
Community supported Ag use “open space easements” to grow community gardens	1
More volunteer fire, rescue	1
Affordable homes being retained by “local” residents	
Keep all Ag land – Ag land	
Easier approval process for building of affordable homes	
Construction material – grow (produced, more green) locally	
Need medical center and learning facility	
Sustainable Environment	
Reusable packaging of products	4
Make products out of bamboo/hemp	2
Finding ways to use “reclaimed” water, irrigation	2
Political will behind “alt-energy”	2
Recycle	1
Bring own bag/cup-be responsible for your own waste	1
“Green (tax incidents) housing” heat & cool	1



Make green a priority	1
Keep politics “out of” green –alt. energy	1
Maintain culture landscaping	1
Raise kids to “make a difference” –supporting green, pursue politics	1
Building codes to change- build “traditional homes”	1
Living machines	
Industry support of “alt-energy”	
Know where our packaging is coming from and support environment	
Sustainable Quality of Life	
Buy local	4
Mixed use facilities	3
Protection for local craftsmen	3
No more U.S. dollars	3
Multipurpose of land	2
Cluster planning – farms in middle	2
Need another location for university than one planned	2
Alternate fuel choices	2
Have a “medical residency” program to promote young doctors to stay in Hawai`i include free housing	2
Pharmacies in each community	2
More accessible medical care, senior care, senior ride, Medicare facility	2
More mass transit	1
Farmers market – community based – 3 times per week	1
Community-base learning centers	1
Local schools/school outdoors	1
Need university in Kona	
Keep the “latest” technology available to island residents	
More “protection” for “mom and pop”/local businesses	

B. Strategies & Measures

Goal #1 – Mixed use facilities

Strategies

- Village concept: medical clinic, park, recreation housing, little schools, multi-use buildings.
Walkable, bikeable, transportation connectivity
- Increase quality time with kids/neighbors
- “Live-work facilities”
- Increase community involvement
- Toxin-free facilities
- Decrease commute, decrease less traffic

Measures

- When the county code is changed to support those facilities
- Increase community involvement will reduce juvenile crimes, community patrols
- Increase community support
- Project Kumai

Goal #2 – Everyone has a victory garden and buys local

Strategies

- School can sell the seeds for the gardens
- More research for “hydroponics”
- Grow by condensation
- Sell-small-household friendly “hydro”
- Community programs to teach how to garden
- New technology to produce food

Measures

- Shopping goes down
- Healthier people
- Less imported foods

Goal # 3 – Reusable packaging and products

Strategies

- Buy from companies that promote reduced packaging , decreased waste
- Buy in bulk
- Reduced waste
- Build own plants to process fish, beef, etc...so that our products don't have to go off-island
- Build recycling plant and use by-products for island (bumpers, furniture, glass)
- Keep air quality-high



Measures

- Less shipping
- Less waste
- Less landfills
- Small waste dump

Goal # 4 – Balance between housing and Ag lands cluster housing

Strategies

- Encourage people to grow their own food at their own house
- Grow in the house
- Change land-use to promote “mixed-use” facility
- Change politics to support
- Change planning, enforcement
- Stop producing housing for non-residents
- Economy not based on tourism
- Resident land owners
- Increase taxes for second homes
- Higher density

Measures

- Decrease imported food
- Decrease spend less money at store
- Cost of producing own products is less than retail

Goal # 5 – Educate school kids to be farmers and sustainability

Strategies

- Fund Ag programs
- Fund education programs that teach kids sustainability, what they are and who they are
- School uses “what is green”
- Use compost, recycle products
- Competition between schools
- No GMOs
- Part of the program is to produce their own seeds
- Competition to be the “most sustainable school”
- School could have “table” at the farmers market

Measures

- 20% should be grown on campus, use local foods
- Recycle glass bottle use \$ to fund highly competitive school competition
- Kids are learning what they want to learn
- Teach kids about themselves, society, give more options

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