



Sen. Russell Kokubun,
Chair

Spring Community Meeting
April 12, 2007
War Memorial Convention Center, Lihu‘e
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

Latifa Amdur	Alton Miyamoto
Donna Apisa	Mary Mulhall
Bob Bartolo	Ed Nakaya
Boyd Blaich	Lelon Nishek
Gary Blaich	Jerry Ornellas
Ian Costa	Psolar
Chad Deal	Laurie Quarton
Elaine Dunbar	Cary Richman
Barbara Elmore	Scott Robinson
Stephanie Frazier	Puanani Rogers
Linda Harmon	Sheri Rus
Diann Hartman	Steve Rus
Dan Heacock	Marissa Sandblom
Patva Hebson	Marcia Shimokawa
Glenn Hontz	Jennifer Sifuentes
Mark Hubbard	Lisa Ellen Smith
Jennifer Ige	Mary Stone
Sue Kanoho	Ben Sullivan
Edward Kawamura	Gabriela Taylor
Mary Lu Kelley	Ken Taylor
Marty Kualu	Mike Tresler
Kipukai Kualii	Andrew Thomas
John Kunesh	Lynne Torres
Judie Lundborg	Elli Ward
David Martin	David Ward
James Massaro	David Whatmore
Glenn Micken	John S. Yamane

Participants were placed randomly 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	Number of people ranking as a priority
Government foster and policies that support sustainability; establish watershed councils	10
Become energy self-sufficient	6
Protect reef system and ocean resources; protect and restore native Hawaiian ecosystems and biological diversity; preserve quality of air, earth, water.	5
Better understanding of carrying capacity and develop within that capacity	4
Housing land trust for affordable housing in perpetuity	3
Grow as much of our food as possible	3
Education on how to respect and care for the aina, and on sustainability	3
Hawaiian cultural preservation	2
Diverse robust economy with opportunity for living wage bolstered by good education system	2
Water development and upgrading of water system	1
Maintain security and protect against outside threats	1
Increase community involvement	1
Consider global relationships with our economy	1
Balanced growth for people of all income levels	1
Affordability of food, housing etc. for local residents	
Preserve and expand agricultural lands	
Protect beauty and rural aspects of Hawaii	



B. Strategies and Measures

Goal #1 – Government policies that support sustainability

Strategies

- Establish watershed councils
- Study how to reduce greenhouse gases
- Develop incentive-based system
- Ban non-sustainable products and practices
- Adopt low impact development guidelines

Measures

- Measure imports
- Number of water restoration projects
- Recommended actions and timeliness
- Number of businesses participating
- Speed of permitting process
- Audits of waste stream
- Measure alignment with LEEDS protocol

Goal #2 – Become more energy self-sufficient

Strategies

- Adopt grey water ordinance
- Legislate 10-year shift to renewables
- Study renewables unique to Hawai'i by island
- Provide opportunity for renewable energy projects and build community support
- Use renewable energy for public transportation
- Increase energy efficiency

Measures

- Percent increase in renewables per year
- Set a deadline for completion of the renewables study
- Number of projects initiated and amount of energy produced
- Number converted from fossil fuel
- Decreased BTUs per square foot

Goal #3 – Protect reef system and ocean resources; protect and restore Native Hawaiian ecosystems and biological diversity; and preserve quality of air, earth and water

Strategies

- Make garbage cans widely available at beaches and parks
- Establish carrying capacity by watershed
- Encourage organic gardening and agriculture
- No more GMO
- Plant only indigenous species for landscaping



- Establish low impact development guidelines

Measures

- Number of receptacles
- Number of appropriate cans collected
- Watershed health index
- Decrease in sales of pesticides/herbicides
- Random testing of water
- Decrease in acreage
- More legislative measures
- Number of buildings using LEEDS guidelines

Goal #4 – Better understanding of carrying capacity, and develop within that capacity

Strategies

- Conduct an ecological study
- Define capacity by island, i.e., number of people, cars
- Reduce per capita impact
- Create incentive to conserve
- Study models in other societies

Measures

- Number of people
- Number of cars
- Biological tracking
- Measure each resource
- Decrease in footprint



GROUP 2

A. Goals

Goals	Number of people ranking as a priority
Sustainable Ag and preserve Ag lands	9
Sustainable public transportation	8
Long range planning based on sustainable values	8
Preservation of watershed	7
Sustainable energy	6
Study Hawaiiana cultural connection – Aloha Spirit	5
Limit resort development	4
Implement 3R's for waste management	4
Programs to develop more farmers to teach farming skills	4
Preserving natural environment because its a finite resource	3
Communities planned with pathways/walkways so we don't need transportation	3
Employee housing on Ag land	3
Self sufficient in beef production by 2020	2
More local influence/input to government decisions	2
Take back control of water rights	1
Keep rivers and oceans clean	1
Better education i.e. English literacy	1
Tax disincentive for selling Ag land	1
Public and private high school classes on sustainability	1
Maintain open spaces; more conservation area; no development	1
Self sufficient in other pigs etc.	1
Percent of housing "affordable"	1
Create incentive for agriculture i.e. more tax breaks, educate markets	
Sustainable waterways for Ag	
Educate on how to replenish soil for better growth	
Grazing land more available	
Community gardens	



B. Strategies & Measures

Goal #1 – Sustainable agriculture and preservation of Ag land

Strategies

- Laws to stop development of Ag land
- Incentives to make Ag land affordable for farmers
- Incentives for teaching programs to make Ag a sustainable way of life
- Support and organizing of farmer co-ops to market and sell products
- Sustainable ecotourism of Ag
- Tax breaks for Ag lands in production
- Tax disincentive to sell Ag land
- Protect small family farms
- Strong laws to protect Ag land from pseudo farming
- Identify prime Ag land and dedicate amount, if need, for sustainable food

Measures

- Measure Ag land dedicated and in production to insure enough is available
- Measure reduction of imported food categories
- Permitting process to cut trees and mandatory replanting

Goal #2 – Sustainable public transportation

Strategies

- Expand funding and frequency routes of buses
- Alternative fuels
- Incentives for government and businesses for carpooling and public transportation
- Alternative vehicles using renewable energy
- Require all rental cars to be alternative
- Restrict private vehicles
- Close off certain areas to private transportation
- Other forms of public transportation beyond bus system
- Promote car sharing
- Education
- Tax credits

Measures

- Rider-ship of public transportation
- Reduction in traffic
- Increased public transportation revenue
- Reduced pollution
- Count rental agencies, cars and buses using renewable fuel
- Reduction in private vehicles



Goal #3 – Long range planning based on sustainable values

Strategies

- Educate City Planning Department and Commission on sustainability
- County to develop general plan incorporating sustainability into all development plans and land use
- Incorporate sustainability into school systems
- General public to participate in development plan
- Increase public input and influence in land use planning thru neighborhood association and watershed council etc.

Measures

- Survey of checks and balances to monitor compliance
- Reduce trip time

Goal # 4 – Sustainable energy

Strategies

- Reduce oil dependency
- Solar on every roof - water heating and PV
- Hydroelectric
- Legislature to draft bills
- Measure how much fossil fuel using pollution reduction

Measures

- Immediate moratorium on any development in watersheds
- Maintain dams and water systems
- More enforcement on grading and grubbing
- Phase out Ag chemicals



GROUP 3

A. Goals

Goals	Number of people ranking as a priority
Self-sufficiency of food production. Double growth of local grown food from 20 to 40%	9
Develop/reconstruction of Huleia Fish Ponds	9
Maintenance/expansion of water collection and storage systems	6
Reduce dependency of petroleum from 90% to 45%	6
Grow own fuel, hemp, sugar cane, palm oil, bamboo	3
Reduce dependency on electricity by using more solar and other resources. Put wires underground	3
3R's – Recycle, reduce, reuse	3
Reduce number of infrastructures at sea level (up to 100')	3
Expand production of building materials that are locally produced	2
Reduce homeless population to 1%	2
Build complete pedestrian infrastructure (i.e. walk/bike paths)	1
Development of wind power	1
Survivability	1
Light rail system as alternative transportation system	1
Develop incredibly efficient recycling	1
Conversion to hybrid cars	



B. Strategies & Measures

Goal #1 – Maintain dam/reservoir systems, and get water to where it is needed, the farms

Strategies

- Restore at least one entire Ahupua‘a on Kaua‘i
- Maximize 3R’s – Reduce, reuse, recycle.
 - Reduce - Training/educating youth to be aware and only use what’s needed. Better packaging using materials
 - Reuse - Reuse and/or return plastic bag; trash to treasure
 - Recycle - Curbside/convenient

Measures

- Government
- Partnerships

Goal #2 – Reduce dependency

Strategies

- Mandatory solar (as example) via building permits
 - KIUC to develop alternative sources
 - Expansion of renewable energy sources – feedback into system/GRID
- Self-sufficiency of food production
 - Strengthen/support food to table concept
 - Development of community gardens
 - Aquaculture; restoration of ponds (i.e. Huleia Fish Ponds)
 - Ag lands - efficient Ag use present
- Maintain/expand water collection and storage systems
 - Will need to get/receive public funding
 - Include use of water catchments system
- Reduce dependency of fossil fuels by developing renewable energy (i.e. solar, wind, bio, etc.)
 - Self-sufficiency of food products (i.e. crops, fishponds, etc)
 - Maintenance/expansion of water collection /storage systems
 - Maximize 3R’s – Reduce, reuse, recycle
 - Develop infrastructure such as bike/walkways and buildings above sea level/100’

Measures

- Look at per capita data via KIUC
- How many is now in the system
- Number of new small farms
- Number of increase in users
- Measure by output
- Ag data
- How many acres in production
- Survey of checks and balances to monitor compliance
- Reduce trip time
- Data from DLNR



Goal # 3 – Develop infrastructure such as bikeways/walkways, buildings, sanitation, roads, etc above sea level /100’.

Strategies

- Increase public awareness
- Effective public transportation i.e. light railway that’s inland

Measures

- Regulate by county zoning



GROUP 4

A. Goals

Goals	Number of people ranking as a priority
Creation of sustainable culture	6
Preserving our rural lifestyle	5
Decentralize authority/governance. Empower community level participation and action	5
Energy independence and resourceful energy use	5
Adopt a zero waste goal	5
Determine the carrying capacity of Kauai	4
Personal dedication to abandon greed in favor of future viability	4
Food self-sufficiency	4
Efficient infrastructure	3
Improve educational competency and retention	3
De-link tourism from real estate sales	3
Quality, accessible healthcare for all	2
Land use – Establish decision making process realizing it is a finite resource	2
Miserly management of water	2
Minimize fossil fuel dependency	1
Build a knowledge based economy	1
Home rule/thru natural law/resources, i.e. ahupua`a	
No species on the endangered species list	
Improve and establish pristine water quality	

B. Strategies & Measures

Goal #1 – Decentralize authority/governance. Empower community level participation and action

Strategies

- Allow citizen input and feedback via remote access
- Increase direct decision making via citizen groups
- Create sunshine packets of all government decisions

Measures

None

Goal #2 – Create a sustainable culture

Strategies

- Create a community based definition of “sustainable culture” and promote thru education

Measures

- Use natural step principles to measure sustainability

Goal #3 – Preserve our rural lifestyle

Strategies

- Stop loss of Ag land to urbanization
- Enforce existing planning laws and improve to close loopholes
- Food self-sufficiency for individuals and communities
- Define rural lifestyle

Measures

- Decrease in imported (out of state) foods

Goal # 4 – Become energy independent and resourceful with energy use

Strategies

- Minimize fossil fuel dependence
- Increase clean renewable energy production
- Decrease energy use

Measures

- Decrease total percent of fossil fuel provided
- Increase percent provided by renewable energy, implement toll rates
- Decrease average kilowatt per hour usage

Goal # 5 – Adopt a zero waste goal



Strategies

- Commit equal or greater resources to waste diversion strategies as compared to waste disposal
- Incentivize and promote reuse

Measures

- Increase dollars committed
- Decrease waste going to landfills
- Increase recycling
- Educate to view waste as a resource

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