



Sen. Russell Kokubun,
Chair

Spring Community Meeting
May 5, 2007
J. Walter Cameron Center, Wailuku
Maui 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

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Sandy Baz
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Kathy Czar
Sherri Dodson
Bill Frampton
Brad Farnsworth
Kehau Filimoeatu
David Fisher
Carol Gentz
Laurie Gima
Howard Hanazawa
Mikahala Helm
Trip Hill
Sophia Hill
Mark Hoffman
Lehn Huff
David Johnston
Gilson Killhour
Gabe Killhour, 8th
Duane Kim
Jina Kim

Carole Koay
Ryan Koss, 6th
Robert Jense
Sean Jensen, 7th
Penny Levin
Sierra Ludwig, 6th
Gage McCullen, 7th
Peter Merriman
Susi Monroe
Peggy Palakiko
Jan Paney
Walette Pellegino
Melissa Prince
Natalia Radyushkin
Jane Randall
Jonathon Reily
Anne Rillero
Ronda Ross
Fred Ruge
William Russell
Jan Ryan
Walter Shibuya
Neal Shinyama
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Leslie Skillings
Thomas Somermeir
Luly Unemori
Michael Victorino
“Chubby” Vincens
Fern Young

Participants were placed into six 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
Open-space/clustered development – affordable housing	5
Business/academic partnerships - entrepreneurship support	5
Sufficient infrastructure <ul style="list-style-type: none">- Master Plan-highways/bikeways/walkways, water storage- Waste Management-solid, water, recyclable	5
Integrated decision-making/home rule	5
Energy efficiency alternatives – relocation of waste facility	3
Mass transportation and bikeways - Statewide	1
Coastal preservation management	1
Diversified economy	
Job support	
Use of biodegradable and recycled materials	
Elder care/veterans	
Less dependence on autos	
Increase education opportunities-solar/alternative energy	
Affordable housing	
Agriculture and fuel self-sustainability	

B. Strategies and Measures

Goal #1 – Sufficient infrastructure

Strategies

- Collaboration of state, county and private sector
- Plans for: highways, bikeways, walkways, solid waste, water waste, recyclables, mass transit (rail, bus)
- Privatization when possible

Measures

- Formation of implementing groups
- Percentages of reductions
- Commuting time reductions
- Mass transit ridership increase (% of population)
- Issuance of contracts for highways etc...
- Completion of bike paths, walk paths, etc (by miles)
- Measure of gasoline consumption
- Reduced input of recyclables in landfills

Goal #2 – Diversified economy

Strategies

- Strong university system – emphasize business education
- Improving partnerships between business /academia
- Focus on natural resources
- High tech infrastructure
- Center for island nations
- Tax/other incentives for desired industries – farmers, Ag, fuel
- Streamline government approved process

Measures

- Number of graduates
- Increase number of jobs
- Reduced percent of tourism and government jobs
- Less imported foods/goods

Goal #3 – Home-rule/costal management and preservation

Strategies

- Legislative lobbying – county and community
- Educating the public
- Defining goals and benefits of home rule
- Private/public partnerships
- Public land transfers
- Public land trusts



- Develop strong local leadership
- Lobby for land use changes
- TAT tax to Maui County

Measures

- More Maui dollars, stay in Maui
- Increased voter turn out
- Direct local decision-making increased
- Monitor and lobby State Leg
- Increased number of locally made education decisions

Goal #4 – Open space, clustered development, affordable housing

Strategies

- Zoning changes (appropriate)
- Big and small developer incentives (appropriate)
- Conservation easements
- Work with land trusts

Measures

- Reduced number of homeless
- Increased acreage of oceanfront for public
- Increased inventory of affordable rentals/housing
- Increased infill development

Goal #5 – Energy efficiency

Strategies

- Tax credits – reduction of fees
- Incentives for private partnerships
- Shared transportation
- Free bicycles
- Rental cars at resorts
- Electric cars – recharge stations
- Live/work density
- Incentives for hybrid vehicles
- Adopt goal to be most energy efficient island in the world

Measures

- Increased alternative fuel usage



GROUP 2

A. Goals

Goals	Number of people ranking as a priority
Independence – i.e. energy and goods, net self-sufficiency, alternative energy	7
Waste –make recycling mandatory	5
Do smart growth that includes functioning economy	5
Education should meet needs of future	4
Incorporate Aha Moku concept/values, principles in all planning, statewide-housing, resources, etc	3
Wide use of water, air	3
More efficient transportation, tax breaks including public transit	3
Affordable homes	3
Building “communities” vs. just houses (walkable)	2
Look to perm-culture include Ag processes and product	1



B. Strategies & Measures

Goal #1 – More independence i.e. energy and goods; net self sufficiency; alternative energy

Strategies

- Continuous community based planning and monitoring
- Increased conservation value based decisions in planning
- Incentive based measures to conserve (i.e. tax breaks increased fees with limits, cautious of abuse)

Measures

- Balance count/number of containers or units of input and output

Goal #2 – Preservation/efficient use and protection of natural resources including water, waste (making recycling mandatory), air and agriculture

Strategies

- Statewide recycling plan
- Increase recycling, reduced things going to landfill
- Better solid waste management plan
- Integrated resource planning
- Land use laws-rezoning, including wahi pana, sacred sites

Measures

- Increased recycling statewide
- Decreased amount of waste to landfills
- Successful implementation of mandatory recycling on each island
- Measure growth of coral reefs
- Higher water quality

Goal #3 – Do smart growth-includes functioning economy, building communities and houses for everyone

Strategies

- Revise codes to incorporate U.S. green building i.e. incorporate gray water use
- Building communities not housing

Measure

- Watts per capita (reduced) energy consumption total used
- Reduced traffic
- Build more sustainable communities (mixed-business, homes etc)



Goal # 4 – Education meets needs of future and includes cultural values and principles

Strategies

- Voucher system for school choice – consortium planning K-college
- Localized school boards
- Repeal No Child Left Behind – no unfunded mandates/legislation with funding

Measures

- Increased localized school boards
- Legislation with funding
- Measurement of income
- Reduction in high school dropout rates
- Increase in continued education beyond high school
- Reduced teen pregnancy and suicide rates
- Measurement of students performing at or above grade level
- Increased delivery of ESL programming
- Incorporation of programs that focus on student strengths vs. deficiencies i.e. programs like Na Pua No‘eau

Goal # 5 – Alternative modes of transportation

Strategies

- Buses - More frequent buses and stops, gas efficient or alternative energy/fuel i.e. hybrid
- Educate residents
- Dependable
- Light rail transit
- Bike paths- required in development
- Subway

Measures

- Reduced traffic
- Increased usage in alternate modes of transportation
- Miles of bike paths
- More energy efficient buses



GROUP 3

A. Goals

Goals	Number of people ranking as a priority
Strong educational awareness of what will be needed for sound decision making for tomorrow	10
Improved public (mass) transportation; reduce dependence on cars, trucks, and motorcycles	9
Majority of energy renewal resources by 2050 produced on Maui	8
Environmental preservation (natural-streams, plants)	8
Increase public education level	5
Recycle old cars	5
Change to 80% of food grown locally	5
Educate visitors about cultural and environmental values of Hawai'i (and sustainability)	4
Incentives for Ag land to be used for sustainable food supplies	4
Raise median family income	3
Available and affordable health care for all	3
Integration and communication with national policy	3
Preserving open land for community spaces	3
Strong workforce today for tomorrow	3
Preserve and protect cultural values and local pride	2
Stop injection wells now	2
Restructure government infrastructure to allow more input and participation from our youth (in the process)	1
Fundraising and putting necessary funds toward sustainability	1
Minimize air pollution and open space preservation	
Explore geothermal, other bio-fuels and other resources produced here on Maui	
Making Hawai'i a model for world	
Preserving native plants	
Desalination of H ₂ O	
Water use to support agriculture	
Incentives to buy cars which are more energy efficient and environmentally friendly	
Put H ₂ O back into streams	
New buildings more environmentally and energy friendly	

B. Strategies & Measures

Goal #1 – Education

Strategies

- More jobs and job skills
- More money on education
- More consequences for students who misbehave in class; reward for good behavior
- More money for teachers and resources, and incentives for teachers
- Awareness at all levels
- Pre-K to lifelong on how to malama the ‘āina
- Elderly Kupuna connects/mentors for young
- Employers as mentors for students – making learning relevant to work force
- Teach life skills in education
- Stop “social promotion” use different teaching styles to meet all students learning styles and needs
- Health education – diet exercise and links to disease
- Invest in continuing education for teachers
- Teach teachers of Hawai‘i tech skills

Measures

- Increase in the percent of students to graduate and meet math and reading proficiency standards for public and private
- Increase percent of college graduates of resident population
- Equal access to quality education
- Increase percent of students in public schools who meet proficiency standards
- Percent of students who are provided employment in Hawai‘i

Goal #2 – Renewable energy

Strategies

- More use of sun, wind, water and thermal power
- Incentives for use of renewable energy
- Change accounting infrastructure or how we account for fossil fuels

Measures

- Increase enrollment of UH students from Hawai‘i
- Enrollment of UH reflects the demographics of our State
- Number of 4-year degrees available on neighbor islands
- Earning potential of residents
- Measure import of renewables to timeline for local production, building supplies
- Measure use of recyclables into building materials
- By 2050 100% of energy from renewable sources



Goal # 3 – Improve transportation

Strategies

- More safe bicycle paths
- Separate bike trails from roads
- Enough bicycle racks to lock up your bike
- Fast track – public transportation; funding and implementation

Measures

- Less cars
- Less fossil fuel consumption
- More bicycles
- Ease of transportation options between islands and on islands

Goal # 4 – Environmental preservation

Strategies

- Stop diversion of streams
- Put water back into streams
- Recycle water more effectively
- Start desalinization
- Fund!

Measures

- Population “smart growth”
- Curbside recycling
- Water and air quality
- Basic health indicators of quality H₂O
- Reduce invasive species
- Increase native species of plants and animals
- Percent of land in open space
- Accountability of elected officials to support initiatives of 2050
- 4 year report card (at election time)

Goal # 5 – Food supply

Strategies

- Incentives to buyers and farmers
- Community gardens
- Local grown

Measures

- By 2050 – 80% of our food is grown on Maui without deadly pesticides; percent that is organically grown
- Solar greenhouses
- Incentives to increase agriculture; percent of economy from agriculture



GROUP 4

A. Goals

Goals	Number of people ranking as a priority
Produce all energy within the state	6
Everyone has safe shelter	6
Everyone earns a living wage	5
Reduce greenhouse gas emissions	5
Integrate the core values of the host culture into the entire vision	4
We grow all of our own food	4
Net re-creator of fresh water resources	4
The results become a public referendum	3
Less reliance on cars	3
Foster direct connection to the land	3
Better fiscal policies	1
By 2050, we have a stable populace able to sustain itself	1
Become a net exporter of agriculture	
More investment in community services	
Value traditional craftsman	
Keeping more revenues within the state	
Better able to discern between needs and wants. And if you have your needs met, then you're able to share	



B. Strategies & Measures

Goal #1 – All energy created within the State be renewable

Strategies

- Tax credits to businesses
- Reduce consumption and increase efficiency
- Change buildings code to “require”
- Educate public on being energy efficient
- Encourage and fund alternative energy
- Create program to aid low income populace to obtain energy efficient devices
- Increase public transportation opportunities
- Educate government
- Create state-wide energy plan

Measures

- Reduce fuel imported by 80%
- Reduce amount of cars by 50%

Goal #2 – Everyone has safe shelter

Strategies

- Identify community housing needs
- Better public access to planning processes
- Green space integrated into design
- Partnerships between public/private
- Taxing homes by income
- Making sure there are renovation programs
- Create rental support programs

Measures

- Eliminate homelessness which includes at risk and homeless
- Laws are in place to reduce property taxes

Goal # 3 – Everyone earns a living wage

Strategies

- Increasing education opportunities
- Diversify types of jobs with dignified wages
- Increase minimum wage with inflation adjustments
- Increase standard deduction with inflation adjustments
- Eliminate GET for those who meet federal income
- Graduated tax especially Ag taxes

Measures

- Laws are in place for automatic adjustments to minimum wage and standard deductions
- Increase the number of people holding degrees by 50%



Goal # 4 – Produce our own food and water

Strategies

- Return water to all deviated streams
- Restore and protect existing taro lands
- Tax incentives for farmers
- Support organic food crops

Measures

- Increase small farms by 300% and long-term leases-50 years or more
- Be a net exporter for all foods
- Each household has a micro farm
- Each community has a farmers market



GROUP 5

A. Goals

Goals	Number of people ranking as a priority
Environmental preservation - Reforestation - Control pesticides	6
Adequate supply of drinking water - Water re-use - Managing demand	5
Walkable communities	4
Energy independence	4
Cultural preservations	4
Sustainable fisheries, management	4
Green building	4
Efficient public transportation - Bicycle lanes/path	4
Clean oceans	4
Living wages	3
Reversal of global warming	3
Food self-sufficiency	2
Sustainable agriculture - Decentralized organic Ag	2
Zero waste policy - Effective solid waste - Mandate recycling - Waste to energy - Ban plastics - composting	1
Economic diversification from tourism – choice of careers	1
Sustainable planning - Sustain Ag	1
Affordable housing	1
New sewage dumping by boats	
Solar power in every home	
Less dependence on autos	
Maximize what nature produces	
Water re-use	



Acknowledge Native Hawaiian culture, cultural representation	
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B. Strategies & Measures

Goal #1 – Environmental preservation

Strategies

- Tax incentives and rebates for renewable energy
- Reforestation
- Control pesticides
- Use of carbon credits
- Encourage use of energy efficient products (light bulbs etc...)
- Sell surplus energy credits
- Cap carbon generation by users
- Incentives for growing organic
- Require manufactures to take back materials for reuse

Measures

- Water sampling (DLNR)
- Fish counts
- Air quality monitoring
- Gas used per family
- Amount of water used by categories
- Number/percent of homes using renewable energy
- Number of LEED-certified building
- Number of endangered species removed from the list
- Number of fish species in the ocean
- Amount of fossil fuel imports
- Health and fitness of residents

Goal #2 – Adequate supply of water

Strategies

- Incentive for catchment on homes
- Reuse of gray water
- Invest in water purification
- Monitor of water use
- All water under county control
- Create water authority to include residents

Measures

- Percent of food/garden in Hawai'i vs. imported
- Ridership levels of public transportation
- Number of Hawaiian language speakers
- Number of other foreign language speakers among residents
- Number of students studying Hawaiian culture
- Number of endemic species
- Production capacity on-isle of green materials/crops
- Number of taro patches restored



- Number of historic streams preserved
- Commuting time to work

Goal # 3 – Clean oceans

Strategies

- Enforcement of regulations of development strategies
- Control non-source point pollution
- Permeable highways
- No dumping by boats
- Healthy reefs
- Pump-out facilities at all harbors
- Better regulation/monitoring of cruise ships

Measures

- Number of communities getting recycling service
- Amount of waste to landfills
- Coral health along reefs; measure water quality in are
- Number of self-sufficient homes, subsistence farmers, using “simple” natural system
- Number of permaculture projects
- Number trained in permaculture
- Number of bicycles sold
- Number of community gardens in use

Goal # 4 – Efficient public transportation

Strategies

- Use of indigenous plants
- More bicycle paths than roads
- Expand corridors of bus system
- Tax incentives for not-owning a car
- Credits for using mass transit
- Car co-ops

Measures - None

Goal # 5 - Green building

Strategies

- Enforce green material requirement
- Use of bamboo materials
- Use of indigenous architecture
- Tax credits for “green” systems in property assessment

Measures - None



Goal #6 - Sustainable fisheries

Strategies & Measures -None

Goal #7 - Walkable communities

Strategies

- Incorporate walkable comm.

Measures -None

Goal #8 - Energy independence

Strategies

- More renewable energy systems
- Increase amount of sources contributing electrical energy
- Develop eco-cost system for all moving thru isle

Measures - None

Goal #9 - Cultural preservation

Strategies

- Oversight of cultural sites

Measures - None

GROUP 6

A. Goals

Goals	Number of people ranking as a priority
Planning for mass transportation	9
Energy independent and carbon free	8
Better planning and investment into long-term issues- such as water	7
More food produced locally/less imported food	5
UH - K→University integrated education and job readiness so students are prepared for employment representative of unique environment (natural & cultural) of Hawai`i – State uniqueness	5
Hawai`i to examine its place in Global Economy	5
More decision making at County level	3
Comprehensive vision of support for agriculture	2
Create a planning process that is transferred to Legislators so the elected Representatives are accountable	2
Needs of Neighbor Islands getting met/represented by State Government regarding planning, resources & decision making. More consideration for neighbor islands	2
Community At Large awareness of sustainability	2
Community to have in depth study of report/fact clarification from opinion. Be clear what is what	2
Comprehensive planning for self reliance	2
Creating student awareness of issues and infusing them into education	1
Balance affordable housing with Ag land and land for family farming/land trust.	1
Preservation of cultures	1
Long term water use planning	1
Waste management	

B. Strategies & Measures

Goal #1 – Mass transportation

Strategies

- Encourage conservation
- Take action now to consider long term effects/planning as a component of land use planning
- Public education
- Diversify energy sources

Measures

- Less traffic
- Island-wide light rail
- By 2050, 60% of all households can go to work/shop on some form of public transportation
- Walkable communities
- Bike paths – an increase
- Incremental growth

Goal #2 – Energy independence

Strategies

- Build more windmill
- More solar energy - water and electricity
- Biofuels – Diversified planning
- Provide financing for solar energy for water and electricity
- Public education
- Encourage conservation
- Cash crop vs. fuel crop energy analysis/research
- Hydroelectric
- Educate community on existing financing and credits

Measures

- 80% non-imported energy by 2050
- 50% non-imported energy by 2020
- Assessment of progress in 5 year intervals
- No new fossil fuel generating plants/energy production
- No fossil fuel used in transportation
- Drop in rates for electricity
- Education for community at large
- Decentralized energy production



Goal # 3 – Better planning and investment on long term issues; such as water and waste

Strategies

- Create video on report
- Encourage and support people to read the “Issue Book Summary”
- Community forums
- Ahupua`a system restoration
- Create mechanism to integrate community input in Legislature

Measures

- Community awareness of the issues
- Integration - Community, State, General Plan & Hawai`i 2050

Goal # 4- Food & self sufficiency/locally grown food

Strategies

- Land and trust for family farms
- Offer incentives
- Assistance with regulations
- Long term planning for Ag water
- Assist with farmer transportation needs
- Increasing education and awareness of issues
- Cottage industries to support Ag
- Incentives
- Ag tourism
- Marketing and promotion
- Taxes on imported food

Measures

- Food locally grown
- By 2050 50% of food would be locally grown

Goal # 5 – Educational system that promotes local culture and prepares students for job readiness

Strategies

- Fix/reassess “No Child Left Behind Act”
- Supportive budget and systems
- Integrated curriculum from K-grad
- Connect public and private employers input into curriculum
- Mechanism to connect curriculum

Measures

- Job satisfaction
- Training that meets needs of employers and employees
- Local residents are qualified to fill positions
- Programs at MCC that lead to local jobs



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