

EACP Committee

From: Annie Alvarado <anniemalvarado39@gmail.com>
Sent: Tuesday, December 1, 2020 8:27 AM
To: EACP Committee
Cc: Robert
Subject: Power Point presentation for our 1:30 Meeting
Attachments: Final 12_1_20 Power Point about the Hawaii Taro Farm for Maui Council and Mayor.pptx.pdf

I have Blue Jean installed on my computer.

Mahalo for the opportunity to present.

**HAWAII TARO FARM, LLC IS
TRANSITIONING TO
INCLUDE A NONPROFIT
FOUNDATION**

**A PROPOSED MODEL FOR
AGRICULTURE
DEVELOPMENT**

**PRESENTATION TO ENVIRONMENTAL/
AGRICULTURE/ AND CULTURAL
PRESERVATION COMMITTEE
MAUI COUNTY COUNCIL**

DECEMBER 11, 2020



WE NEED TO PIVOT TO ADJUST TO THE NEW NORMAL! ACTIONS TO BE TAKEN!



Bobby Pahia tending in his field of dry land taro in Waikapu. Bobby and wife Juanita, frequently give their kalo away to the community

- Establish a nonprofit to serve both private/public interests on farm and within the larger Maui Community plus determine a name for the Nonprofit/Foundation
- Diminish the dependence of shipped in food, focus on Food Security and supporting our farms, of all sizes
- Create new categories of jobs, retrain and utilized OTJ training
- Install Broadband, innovate farm technology opportunities
- Develop water and sewer to allow efficient production and processing of farm produce and protein for value added products
- Create a place for Rural Farming Prosperity and Community destination, engage with our community
- Ensure the future of canoe and indigenous crops and cultural practices
- Implement a farm business incubator and accelerator program
- Embrace and serve social, economic, business and community impacts for Maui and Hawaii
- Make nutritious food available for the community and the most vulnerable populations in Maui and Hawaii

MAUI UNITED WAY OFFICIALLY ANNOUNCES OUR PARTNERSHIP AS OUR FISCAL SPONSOR ON NOVEMBER 18/ 2020



- Working with Maui United Way, the anticipated new Foundation will coordinate the requests from social service agencies for produce and protein and help to raise funds for this purpose.
- Synchronized farming creates more efficient food production and increases the farmer's ability to compete for contracts.
- The creation of value added local products on the farm allows the farmer to earn a larger portion of the profit. Certified processing facilities on site reduces food spoilage (profit loss) experienced by farmers
- Creating new products for sale, made on Maui can possibly be shipped between islands in the future

HAWAII TARO FARMERS: WHAT IS GROWN TODAY AND FUTURE PRODUCTION



Presently there are 23 specialty farmers producing items such as:

kalo, bananas, hog farming, sugar cane, cassava, awa, yams, sweet potato, cucumbers, long beans, tomatoes, okra, moringa, bread fruit, mango, coconuts and papaya, dragon fruit, passion fruit, pumpkins, asparagus, egg plant, just to name a few.

And composting including worm castings

Livestock includes a hog farm and a new goat farm for regenerative farming practices

Future production includes items such as cattle, poultry, aquaponic agriculture and value-added agriculture.

Hanalei Colleado of Ho'omana Farms on Maui didn't feel right feeding purple sweet potato to his pigs when so many people he knew were struggling to feed themselves due to the COVID-19 pandemic. So he adjusted his pigs' diets and started giving away his free weekly 10-ton share.



HO'OMANA FARMS

*Jakke Aoga, Whitney Cunningham
and Winsome Williams, a Board
Member, all farm La Kahea Farms,
LLC*



**FARMERS AND BOARD MEMBER
WINSOME WILLIAMS**

FARMERS CAN MAKE A LIVING AND SERVE OUR COMMUNITY



Shovel Ready Piggery Project:

Ho'omana Farms is planning to construct four additional Korean Natural Farming Dry Litter Systems. Each building is 7,500 sq. ft. It holds approximately 500 hogs.

KNF Odorless Pig Technology is a miracle based on science. - uses the power of indigenous micro organisms and other KNF Solutions to eliminate the need to dispose of manure or waste water.

JOB CREATION AND THE USE OF TECHNOLOGY ON SMALL FAMILY FARMS

A short list of initial job sectors and activities:

- Food and Soil scientist
- Use of Technology for Farming
- Construction
- Transportation
- Value added processing facilities, kitchens
- Accounting, Legal, Engineering, Architecture Design
- Farm Business Planning
- Food Safety Inspections/Slaughter House Processing
- Marketing
- Historic Preservation of Hawaiian Canoe crops and indigenous plants
- Web Development and IT services, Graphic Art
- Farm Incubator Accelerator Activities
- Worker Training and/or Retraining
- Sourcing Containers, Sourcing Fencing for Livestock
- Chefs, food trucks, food truck courts



Today's agriculture routinely uses sophisticated technologies such as robots, temperature and moisture sensors, aerial images, and GPS technology. These advanced devices and precision agriculture and robotic systems allow businesses to be more profitable, efficient, safer, and more environmentally friendly.

Source: <https://nifa.usda.gov/topic/agriculture-technology>

AGRICULTURE DEVELOPMENT NEXT TO WAIKAPU TOWN DEVELOPMENT BUILDING ON MOMENTUM FOR OUR ECONOMY



The Waikapu Country Towne project calls for 1,433 single-family, multifamily and rural units, as well as 146 ohana units; 200,000 square feet of commercial space; 82 acres of parks and open space; 8 miles of sidewalks, paths and trails; a 12-acre elementary school; and a 910-acre agricultural preserve.

“It’s a good geographic location to build workforce housing,” Atherton said, pointing to the proximity to Wailuku and Kahului and the short drives to Kihei and Lahaina. *“It’s perfect. It’s like the hub of the wheel of Maui.”* (Source: *The Maui News*)

HAWAII TARO FARM, LLC IS IN TRANSITION TO THE HAWAII ISLANDS LAND TRUST



- The Hawaii Taro Farm, LLC will be held in trust through an easement held by the Hawaii Islands Land Trust
- This ensures that farming will take place on this land in perpetuity
- Mike Atherton is the owner of the leased land that is the Hawaii Taro Farm, LLC

HILT protects land primarily through the use of Conservation Easements held in perpetuity.” (Source: HILT Website)

Image of the Hawaii Taro Farm, LLC land to be conserved as agricultural land in perpetuity

BOARD MEMBERS



Steven Walder will serve as the Chief Financial Officer and will assist with analysis of financing and income streams for new activities on farm



Hugh Starr will serve as a Board member and help the newly created Foundation to navigate critical AG land, planning and decisions relating to the slaughterhouse

Making good decisions based upon sound business, well conceived financial assumptions is critical to effective and successful execution of all projects.

Maui United Way and Board Members will become the good stewards of operations and ensure effective execution of all activities.

BOARD MEMBERS WITH THE ROLE OF PROTECTORS OF INDIGENOUS CROPS AND FARMING TRADITIONS ARE HIGHLY VALUED AND SUPPORTED



Norman Abihai was born in Happy Valley Maui, owns Earling Gayle Farms. He also has a construction background but farming is now his passion.



Juanita Pahia serves as our President and co-owns Hawaii Taro Farm, LLC with Bobby Pahia. She farms and supports the Hawaiian cultural heritage of indigenous crops

Farmers that understand cultural farming and the importance of saving indigenous crops is of utmost importance.

OUR REQUEST:

SUPPORT OUR PROJECT DRIVEN REQUEST FOR FUNDING



Draft Proposed Start Up Budget Request

Type of Expense	Amount
Administration Fiscal Sponsor 10%	\$ 280,000.00
Project Studies, Project Staff and Piggery	\$ 2,070,000.00
Workforce Training	\$ 150,000.00
Education and Training	\$ 65,000.00
Incubator/Accelerator	\$ 75,000.00
Community Involvement/Food Purchases/Coordinator Staff	\$ 305,000.00
Marketing	\$ 80,000.00
Pre Development Costs	\$ 55,000.00
Total	\$ 3,080,000.00

Other Requested assistance is:

- Clarification of Budget process for Maui Cares Act or Stimulus Funding
- Procurement process



QUESTIONS?

FEEDBACK AND NEXT STEPS