

# EMBRACING SUSTAINABILITY

AT MAUNA KEA | A SUSTAINABILITY CASE STUDY



MAUNA KEA

GOLF COURSE





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# ALOHA

*from VP of Operations & General Manager, Craig Anderson*

It is interesting to note that the founder of Mauna Kea Resort, who was a developer and venture capitalist for certain, was also a noted conservationist and environmentalist. Laurance S. Rockefeller is known for his contributions to what we now call eco-tourism and he was labeled by Lady Bird Johnson in 1967 as "America's leading conservationist."

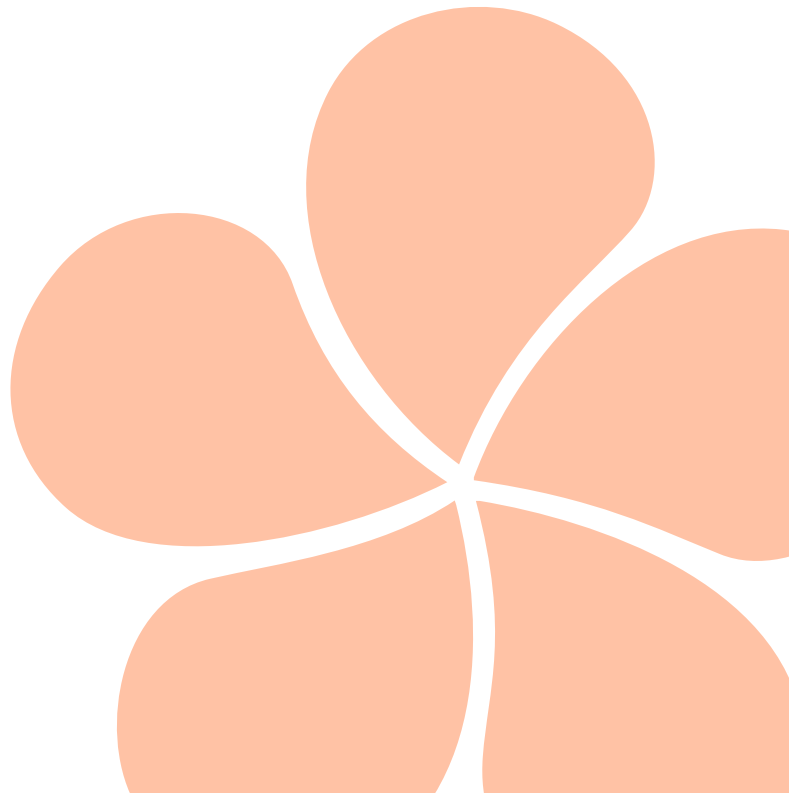
It is with pride that more than 50 years later Mauna Kea Resort continues to embrace the important values of conservation and environmental preservation. In the idyllic settings here at Kauna'oa Bay and Hapuna Beach, it is our kuleana, our responsibility, to sustain the lands with which we are entrusted. We are committed to deepening our awareness of current practices and opportunities, and we are equally dedicated to implementing new initiatives to improve our stewardship of this place.

For our resort community, our team members, our guests, and for our island community, we are committed to continuing the legacy of our founder, respecting the host culture and all that it represents, nurturing our environment and leading by example.

Sincerely,

**Craig Anderson**

*Vice President of Operations, Mauna Kea Resort  
General Manager, Mauna Kea Beach Hotel*





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# OVERVIEW OF MAUNA KEA GOLF COURSE & MAUNA KEA BEACH HOTEL

Mauna Kea Beach Hotel is Hawai'i Island's first resort, founded by conservationist and venture capitalist Laurance S. Rockefeller. Located on "America's Best Beach" on the Kohala coast, surrounded by the turquoise waters of Kauna'oa Bay, Rockefeller designed the property with the vision to blend into the natural surroundings and offer guests a one-of-a kind, authentic experience.

Mauna Kea Golf Course opened seven months prior to the hotel and became the first golf course on Hawai'i Island. Designed by Robert Trent Jones, he pioneered a technique to create a base for soil from crushed lava rock and his work was debuted during the "Big 3" match between Jack Nicklaus, Arnold Palmer and Gary Player.

Mauna Kea Beach Hotel opened in July 1965 after a \$15 million build-out, with 154 guestrooms, and praises from travel writers and critics worldwide, recognized for its elegance and experiential design. The hotel became known as one of the "three greatest hotels in the world." In 1968, due to heavy demand, rooms were added to the main building's eighth floor and a new beach front wing was added along with the Batik restaurant and lounge.

In 1992, the Hapuna Golf Course opened within Mauna Kea Resort as a second 18-hole offering for residents and visitors. In 1994, Mauna Kea Beach Hotel closed for renovation in conjunction with the opening of sister Mauna Kea Resort property, Hapuna Beach Prince Hotel, a 350-room, all ocean-facing, more contemporary resort experience, with meeting and business facilities, and an exclusive villa. In 2006, an earthquake damaged Mauna Kea Beach Hotel, forcing its closure. Following an extensive \$150 million renovation the doors reopened in 2008.

Mauna Kea Beach Hotel is now managed within the Prince Resorts Hawaii Hotels portfolio. The hotel offers 252 luxury guestrooms including ten suites, luxury beach and pool cabanas and services, ocean sports, an award-winning championship golf course, tennis club, four restaurants and a weekly luau dinner and show, the Mauna Kea Keiki Club for children ages 5 to 12, a 2,500 sq. ft. fitness center, Mauna Kea Spa by Mandara, full-service salon, boutiques, indoor and outdoor business facilities, and a museum-worthy priceless Pacific and Asian art collection with over 1,000 pieces gathered exclusively by Mr. Rockefeller and Davis Allen.



# STRATEGY & METHODOLOGY

In this case study, we explore how a golf course and resort operating for more than fifty years on the Island of Hawai'i is promoting environmental, social, and economic sustainability. We examine current operations, processes, and goals for the future.

Assessments, surveys, and interviews were conducted to gather information, analyze, and organize consumption associated with Gas, Electric, Fresh Water, Tertiary Water, and Waste for 2016 and 2015. The objective is to create a baseline of measures and implement processes to advance sustainability goals. Important key items were integrated for transparency. Based on materiality assessments, topics may change from year to year.

The assessments and case study were executed by IMPACT360 Sports, an independent third-party, women-owned joint venture focused on promoting sustainability through sports. The United Nations Sustainable Development Goals (SDGs) were integrated within the study to demonstrate global impacts.

## UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS

In 2015, at the United Nations Sustainable Development Summit, world leaders adopted the 2030 Agenda for Sustainable Development, including 17 Sustainable Development Goals to end poverty, fight inequality and injustice, and tackle climate change. The goals are highlighted throughout the study to demonstrate global impacts.



For additional information, please visit Embracing Hawaiian Culture at [www.princeresortshawaii.com/mauna-kea-beach-hotel/golf/embracingsustainability](http://www.princeresortshawaii.com/mauna-kea-beach-hotel/golf/embracingsustainability)



@MaunaKeaGolf



@MaunaKeaResortGolf





## STAKEHOLDER ENGAGEMENT

The goal at Mauna Kea Resort is to be a leader within the community, golf and hospitality industries. Stakeholder input is sought to develop positive relations and shared commitment with employees, members, partners, local government, and the community. Many stakeholders provided input for the case study and are committed to embracing sustainability at Mauna Kea Resort.

## HAWAII' I 2050 SUSTAINABILITY PLAN

Mauna Kea Golf Course and Mauna Kea Resort strive to be active partners in a sustainable future for the State of Hawai'i. The case study and goals were developed in alignment with The Hawai'i 2050 Sustainability Plan. The Plan outlines what residents and businesses in Hawai'i must do to prepare for shifts in natural resources, land preservation, tourism, social atmospheres, and generations.



*Hawai'i 2050 Sustainability Plan, the "people's plan," balances the triple bottom line of economic, community, and environmental impacts into five core goals:*

1. Living sustainably is part of our daily practice in Hawai'i
2. Our diversified & globally competitive economy enables us to meaningfully live, work, & play in Hawai'i
3. Our natural resources are responsibly & respectfully used, replenished, & preserved for future generations
4. Our community is strong, healthy, vibrant and nurturing; providing safety nets for those in need
5. Our Kanaka Maoli & Island Cultures are thriving & perpetuated

## COMMENTS

We welcome comments or inquiries about this study at [embracingsustainability@maunakearesort.net](mailto:embracingsustainability@maunakearesort.net).

# EMBRACING COMMUNITY

Mauna Kea Resort has been rooted in the community for more than 50 years and is dedicated to nurturing the spirit of Aloha - a welcoming, natural love. Regarded as a member of Historic Hotels of America, Mauna Kea Resort endeavors to preserve heritage, advocate for local culture and the environment, show leadership in the community, initiate outreach, and encourage charitable giving.

In 2015, Mauna Kea Resort celebrated its 50th anniversary with "50 Acts of Aloha" contributing more than 700 volunteer hours and raising more than \$500,000 in cash, gift certificates, and in-kind goods/services for the community and charitable causes.







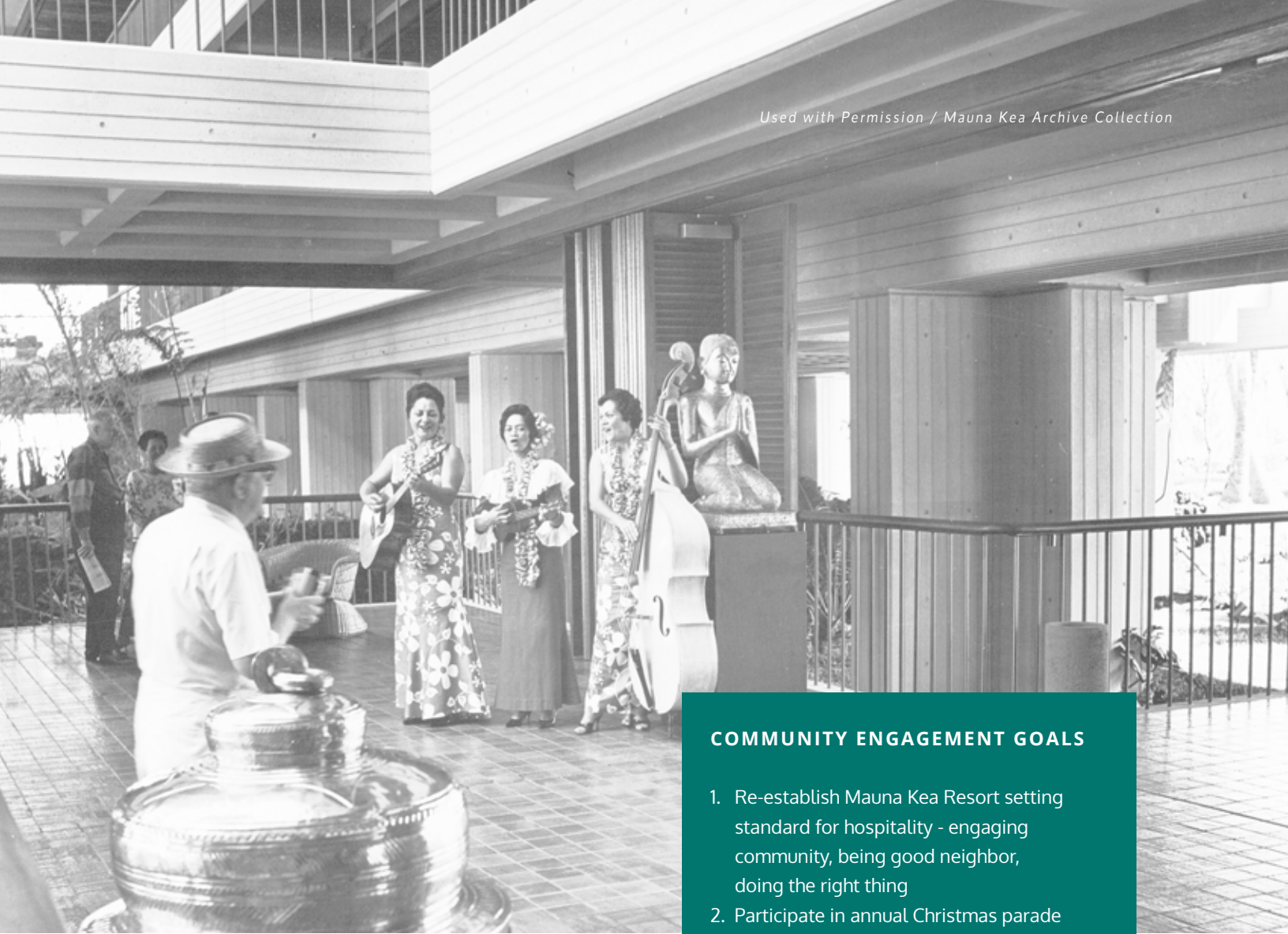
“

FOR THERE IS  
BEAUTY OF  
SPIRIT HERE,  
THE SPIRIT  
OF ALOHA.

Laurance Rockefeller  
*Mauna Kea Beach Hotel Creator*

”





#### COMMUNITY ENGAGEMENT GOALS

1. Re-establish Mauna Kea Resort setting standard for hospitality - engaging community, being good neighbor, doing the right thing
2. Participate in annual Christmas parade
3. Increase local charity golf events in 2017-2018
4. Ocean Water Testing & Monitoring
5. Partnership with local farmers
6. In-house apiaries

#### CARING FOR TRAILS, SHORELINES, AND FORESTS

Ala Kahakai National Historic Trail is a 175-mile corridor and trail network of cultural and historical significance that traverses ancient Hawaiian settlement sites and over 200 ahupua'a (traditional land divisions). Mauna Kea Resort partners with the National Park Service to keep a portion of the trail which traverses its property safe and beautiful with dedicated upkeep and accessibility for all.

Other community environmental initiatives include shoreline clean up and forest restoration. Mauna Kea Resort partners with All One Ocean by donating used foil coffee bags for reuse to gather trash during shoreline cleaning projects. This beautifies local beaches and protects marine life. They also contribute to the Mauna Kea Forest Restoration Project, planting sandalwood and māmane trees to save the endangered Palila bird; seedpods of the māmane are the bird's primary food.

## HONORING HAWAIIAN CULTURE & EDUCATING YOUTH

Mauna Kea Resort supports neighboring farmers and fisherman. They buy 80 percent of food purchased locally at Hapuna Beach Prince Hotel. They buy 85 percent of produce locally from farmers and 95 percent local fish.

Mauna Kea Resort believes in growing Hawai'i's local agriculture. Through partnership with the North Kohala Community Resource Center (NKCRC) they support a state pilot project at the Kohala Schools Complex implementing school-based farm-to-table meals in the school cafeteria. Contributions to NKCRC include donated funds for purchase of equipment.

They also contribute to The Kohala Center which emphasizes energy self-reliance, food self-reliance, and ecosystem health in Hawai'i. A project of The Kohala Center, Planet Hawai'i, supports farming of Canoe Crops, foods brought in by original Polynesian settlers, including banana, taro, ulu (bread fruit), niu (coconut), and uala (sweet potato). As the hospitality and tourism industry shows support for purchasing, local farmers gain greater confidence there is a market to sell to, helping local economies. Mauna Kea Resort has beta tested menu items that use crops sourced through The Kohala Center.

For hands-on youth outreach and education, Mauna Kea Beach Hotel and Hapuna Beach Prince Hotel partner with ClimbHi, a local non-profit. They participate in its LEI program to inspire youth to select careers in the visitor industry. LEI represents an opportunity for Leadership, Exploration, and Inspiration for students. Ten public schools were hosted onsite through the program and were provided a tour of the on premise garden and kitchen where the chef discussed farm-to-table cuisine and careers as a chef. The students also experienced an overnight stay, compliments of the hotel.



***"I want to feed the local economy."***

**Peter Abarcar Jr.**  
*Chef and Director of Culinary and Beverage Operations  
Hapuna Beach Prince Hotel*

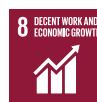


## GROWING THE GAME OF GOLF WITH JUNIOR GOLF DAY

Mauna Kea Resort believes golf should be inclusive for all youth. Mauna Kea Resort works with the PGA Aloha Section to encourage youth who are new to the game to learn the basics including putting, chipping, and full-swing. Their golf professionals teach fundamentals and safety on the course.

## TEAMWORK FOR LOCAL CAUSES

Each year employees of Mauna Kea Resort participate in the Annual Visitor Industry Charity Walk hosted by the Hawai'i Lodging & Tourism Association. The Charity Walk occurs on Hawai'i Island, Kauai, Lanai, Maui, Molokai and Oahu on the same day in May. More than \$2 million was raised benefiting 400 local charities, including \$305,000 from Hawai'i Island, in 2016. Organizations include Hamakua Youth Foundation, Friends of the Future, Mango Medical Foundation, North Kohala Student Cultural Enrichment Program, plus many more.



## GIVING BACK THROUGH GOLF

Mauna Kea Resort partners with Tommy Bahama, an island-inspired lifestyle brand, to host their annual charity golf tournament at Mauna Kea Golf Course. The event raises more than \$60,000 each year benefiting the North Hawai'i Hospice. In 2017, Mauna Kea Resort implemented environmental and social sustainability initiatives to engage participants.

Mauna Kea Resort donated biodegradable Ecobioballs for participants to use on the picturesque over-the-ocean par 3, hole number three. The Ecobioballs are ecological and biodegradable golf balls with a fish food core. They break down in less than 48 hours versus traditional balls made with plastic materials. Playing golf with Ecobioballs helps marine life; a positive near marine environments.

The 2017 Tommy Bahama tournament took place on Women's Golf Day, an annual event dedicated to growing golf through encouraging inclusion worldwide. While Mauna Kea Golf Course could not formally participate in Women's Golf Day this year, they acknowledged the importance of the mission by recognizing female participants in the Tommy Bahama tournament and encouraging inclusion.

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## ANNUAL ACTS OF ALOHA



Annual Festival of Aloha  
*featuring Hawaiian Music, Dance,  
Food, Artisans*



LEI Career Development Program



Hawai'i Island Food Basket Drive



Aloha United Way



Big Island Jazz & Blues Festival



Big Island Chocolate Fest  
*for Culinary Education, Farming,  
and Sustainability*



Charity Walk Hawai'i



Golf & Tennis Rates for Junior Players



Back to School Support  
*supplying backpacks and supplies*



Visitor Assistance Society of Hawai'i  
(VASH) Food Booth



Kona Brewers Festival  
*Zero Waste Event for Youth,  
Environment, and Culture*



Taste of the Hawaiian Range



Waimea Ocean Film Festival



Annual Waimea Christmas Parade



Christmas at Kamakahonu Bay  
*for American Culinary Federation  
Kona-Kohala Chefs Association*





# NURTURING NATIVE ENVIRONMENT

## NATURAL HABITAT

The property is situated along the North Pacific Ocean within the Maritime ecosystem. Due to an arid, low desert climate with an average 4.1 inches of annual rainfall, the golf course was designed to respect the island's natural resources. Water use is reduced through removal of unnecessary turf and installation of native plants. These efforts have encouraged population growth of the Hawai'i state bird, the Nene goose, by 25 percent.



## GOALS

Chemical and pesticide reduction on the golf course is vital for the health of biodiversity. They use slow-release fertilizers, a Roger's System covered boom on sprayers, and individual head control sprinklers with remote access pump station control. The goal is to install 60 percent paspalum to minimize water and fertilizer use, and remain dedicated to reducing their environmental footprint through ongoing initiatives.

## BIODIVERSITY

Native and non-native plant species are found on the golf course and surrounding acreage. Current grass species (60 percent bermuda and 40 percent paspalum) were chosen for drought tolerance and resistance to salt water. Water and fertilizer inputs are reduced through paspalum grass and highly maintained areas of native plant species.

Mauna Kea Resort is proud to promote awareness on important environmental issues, including:

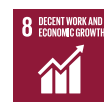
**Ocean Plastic Awareness:** Signage on ocean-side holes to educate about eco-golf balls and ocean plastic awareness

**Protect Coral Reefs:** Elimination of sun care products containing Oxybenzone, to protect coral reefs

**Protect Sensitive Habitats:** Visage™ mobile information system to monitor golf cart travel patterns and program carts to avoid sensitive habitats

**Protect the Nene:** Educate members and guests by promoting educational brochures supplied by the Hawai'i Wildlife Center and partner with Department of Land and Natural Resources to rope off and display signage to protect nesting Nene.

Mauna Kea Resort partners with the Nature Conservancy to conduct on-going studies to establish baselines and collect data to keep pollutants from entering the ocean. Annual Turf Talks (including member Q&A), and weekly meetings between the Director of Golf and Director of Golf Maintenance keep playing quality expectations of members satisfied.



# LEAD BY EXAMPLE: SERVICE-BASED STEWARDSHIP

## HOSPITALITY LEADERSHIP & GOVERNANCE

The leadership team is comprised of an executive committee (16 people), a member-homeowner committee, and team-member representatives. They maintain an open door policy, direct line to the president, integrity hotline, annual employee feedback surveys, and hold monthly Wala'au feedback group sessions to gain team member opinions and suggestions for improvement; as well as quarterly All Team Member meetings with Q&A sessions. The management team from each department provides Service Culture training and shares Lokomaiki'i pillars of service standards. The Lokomaiki'i pillars statement is "Our Beaches, Our Culture, Our Home," and incorporates twelve initiatives that enhance the community and environment.

**Our beaches, our culture, our home:**  
*We live to share.*





## EMPLOYEE HEALTH

Full and part time employees receive life and health insurance, disability, parental leave, retirement provisions with 401k matching, and additional benefits may include hotel accommodations, food and beverage discounts, FSA, and employee shift meals, dry cleaning and cell phone allowance. To attract new talent, the management team will begin reporting employee turnover rates. They support employees and provide parental leave for both parents and have a 100 percent track record of employees returning to work (FMLA). Mauna Kea Resort allows employees to invest up to 18 percent into retirement plans, while matching one percent. Monthly environmental and safety training is provided and is specific to each department.

Employee health at Mauna Kea Resort is important and there are incentives in place to encourage a healthier lifestyle, including: open enrollment, cessation programs, Hapuna Fitness Center discounts, a health and benefits fair, free yoga for one year with option to join the wellness challenge, and rebates for spouses. The employee cafeteria features a robust and diverse daily menu with a goal of promoting wellness. They use OSHA 300 to record workplace injuries and survey employees to gain feedback. Their findings show 82 percent of employees participated last year in the team member opinion surveys and earned an engagement score of 70 percent. Management teams have set the bar higher this year and would like to reach 90 percent engagement.

## DIVERSITY & INCLUSION

Outreach efforts connect the island's diverse population. Mauna Kea Resort collaborates with organizations, schools, universities, the Kona Kohala Chamber of Commerce, and holds numerous job fairs throughout the year to attract top talent. They partner with international schools to provide three-month work programs in coordination with countries like Brazil, Peru, and South America. Annual summer internships include a road map for success, honoring top performers in each department. Upon hiring, they provide an employee code of conduct within the employee handbook provided in five languages: English, Japanese, Filipino, Spanish, and Hawaiian.

## EMPLOYEE ENGAGEMENT

Annual activities encourage workplace inclusion, including the Summer Beach Bash and employee mahalo (thank you) party. The Mahalo Party provides staff with dinner and entertainment and is held on two consecutive nights each year and attended by approximately 800 employees. The Beach Bash, held on two consecutive days with food, games and prizes, attracts approximately 300 employees and their families. Through the resort's employee-run Festival of Aloha, a free community family day highlights island performers and artisans in an open market setting. They also raise funds through participation in the annual Hawai'i Lodging and Hotel Association's Charity Walk.





# RESPONSIBILITY TO PROTECT THE PLANET


Mauna Kea Resort understands their responsibility to reduce energy, conserve water, manage waste, and reduce pollution to care for our natural resources. The course is developing an environmental sustainability roadmap to establish goals, processes, and timelines, including capital investments for greater efficiencies and water conservation.

## ENERGY & EMISSIONS

Mauna Kea Resort has established baseline energy use and is developing goals for monitoring, energy reductions, and adoption of renewables. They are instituting behavioral changes including review of processes, products and service agreements, implementing an environmental management system, and updating infrastructure. Key progress includes promotion of renewable energy, energy efficiencies, and lowering emissions.

## TECHNOLOGY & ENERGY EFFICIENCIES

Mauna Kea Resort is taking steps to increase energy efficiencies throughout its properties, including:

-  LED lighting & landscape lighting at Mauna Kea Beach Hotel
-  Renovating Hapuna Beach Prince Hotel
-  Mauna Kea Golf Course installing occupancy sensors
-  Mauna Kea Beach Hotel installed energy efficient boilers & steam plate heat exchangers
-  Hapuna Beach Prince Hotel energy efficient cooling towers & magnetic bearing chiller
-  Both hotels use salt systems to generate chlorine; natural enzymes & products in pools

## LOWERING GREENHOUSE GAS EMISSIONS

Mauna Kea Resort has invested in equipment to lower their environmental footprint. The course shifted to John Deere hybrid vehicles to reduce fuel consumption. This lowers fuel use from five gallons per day to five gallons per week. Mauna Kea Beach Hotel also uses ethanol-free gas and diesel off road at Hapuna Beach Prince Hotel and for normal operations at Mauna Kea Golf Course.

## CLEAN WATER THROUGH COLLABORATION

### Coral Reef Conservation

*University of Hawai'i at Hilo Partnership*

Mauna Kea participated in a study with the University of Hawai'i at Hilo's (UHH) Marine Science Department to help gauge coastal waters in the Puako community and potential impact from sewage on coastal reefs. UHH collected water and seaweed samples and determined Mauna Kea was not a source of sewage pollution affecting Puako coral reefs. Data collected at 16 shoreline stations will provide a baseline to improve future water quality and coral reef health.



# WATER

*“The ocean creates conversations.”*

Marlene K. Welfeld  
Director of Membership

Mauna Kea Resort is uniquely positioned in an arid, low desert area of Hawai'i Island on the Kohala Coast, bordered by the Pacific Ocean. Mauna Kea Golf Course was designed to embrace its natural landscape, which includes operating with respect for their natural resources, with an emphasis on water in particular. Conservation and best management practices have been implemented to reduce water consumption.

## WATER CONSERVATION

The grass species at Mauna Kea Golf Course is 60 percent bermuda and 40 percent paspalum. The course is increasing the ratio of paspalum, which exhibits high drought and salt tolerance, performance, and requires less water. Under Mauna Kea's water management plan, paspalum will cover a majority of the course, along with conversion of highly maintained areas to native species to minimize water use.

Mauna Kea Resort's agronomy team partnered with local company, Big Island Mechanical, to invest in a prescriptive irrigation system. The Lynx system is controlled through a digital platform that allows management through mobile applications, 24 hours a day. Sprinkler heads will be controlled to sense rain and maintain automatic shut off. This best management practice helps minimize water use. Mauna Kea Golf Course is also home to native vegetation which survives with less water, including bufflegass.

Additional measures at the clubhouse to reduce water use include low-flow urinals and installation of automatic faucets. Both hotels are also employing water saving strategies.

## WATER CONSERVATION GOALS

1. Reduce water consumption by 20% by 2020
2. Achieve an average of 5% reduction each year

## EFFLUENT WATER USE

Effluent, or recycled, water is a reliable source that reduces the amount of water extracted from the environment. Mauna Kea Resort has implemented best management practices for diversified water use, utilizing recycled water to minimize well water consumption. Mauna Kea Golf Course's water use is 25 percent recycled, aligning with national figures of 25 percent of water used on golf courses in the United States, according to the Golf Course Superintendent's Association of America.

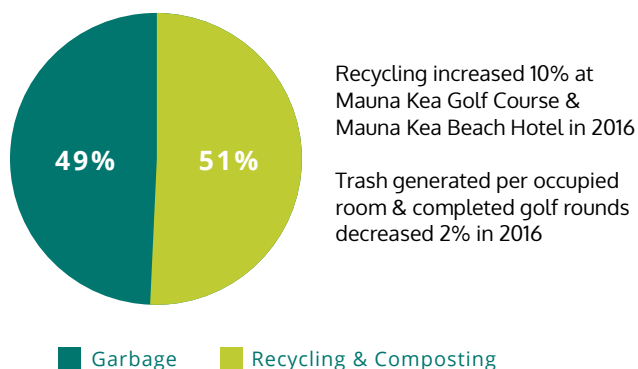
Mauna Kea Resort also reports well water data to the state each month, providing information for chloride, nitrogen, and temperature levels.

## WASTE AND POLLUTION

Protecting the environment is at the forefront of efforts by the turf maintenance team which is comprised of highly skilled individuals. Modern improvements have allowed the team at Mauna Kea Resort to protect surrounding areas while maintaining a premier level golf course.

## WASTE DIVERSION THROUGH RECYCLING & COMPOSTING

Mauna Kea Golf Course and Mauna Kea Beach Hotel have a combined 51 percent waste diversion rate, signifying waste diverted from landfills. They sort trash, green waste, aluminum cans, plastic and glass bottles, bi-metal, and cardboard. In 2016, green waste composted on premise increased, including grass clippings and chipped tree trimmings spread over native areas. Kiawe (mesquite) trees that fall are also cut into logs and local wood shops or chefs use them for carving and barbecue smoking or grilling.



## INTEGRATED PEST MANAGEMENT

The golf course is managed in alignment with an integrated pest management (IPM) plan and environmentally friendly best management practices. The course maintenance team's approach promotes plant health and minimizes disease by using minimal treatment as needed on fairways and trees. State-of-the-art irrigation, bunker liners and advanced drainage techniques protect highly efficient ultra-dwarf Tifeagle Bermuda grass on the greens and paspalum fairways and rough. These efforts dramatically reduce water and pesticide use, requiring half the inputs. Paspalum is a grass variety that can tolerate salt-laden irrigation water better than any other warm season grass and allows them to minimize watering as low as once per week and treat greens with pesticides, herbicides, and fungicides which cause minimal negative impact.

## PREVENTION, MONITORING & TRAINING

Measurements to prevent pollution from the maintenance facility, clubhouse, and golf course include pursuit of an ESD waste-to-water system, wash pad, mix load system, and an open-air ventilation system. To ensure water quality is not affected by major spills, a temporary catch pad directs waste to the onsite dump area. Plans are under review to develop more sustainable infrastructure to protect from future spills. Monthly pollution control goals are set, to contain fuel and chemicals through an upgraded underground storage system with state-of-the-art monitoring sensors. This storage system includes 1000- gallon fuel and diesel tanks monitored with probes.

To ensure transparency, all hazardous materials are registered, stored, handled, and disposed, and locked in a vault in underground storage systems with new monitoring. A 10,000-gallon diesel tank, 10,000-gallon fuel tank, and two 500- gallon tanks are situated on both properties. Mauna Kea Resort is HAZCOM updated and is planning a capital shop investment for 2018 and provides monthly safety training under HIAH and Hawai'i OSHA.





# PLANNING FOR THE FUTURE

## MEMBERS

Mauna Kea Resort offers two memberships and boasts 360 total members, including platinum members who enjoy full golf benefits and leisure members who enjoy the pool and beach mainly. Members are engaged through weekly emails, a member-only website, one-on-one conversations, and information packets. Member feedback has driven environmental stewardship programs to protect the ocean, and vulnerable species like the Manta Rays. Member concerns relating to environmental, social, community, and sustainability are sent directly to the department lead. As a perk, members enjoy monthly cocktail receptions, golf tournaments, and homeowner fine dining experiences.

## RESPONSIBLE SUPPLY CHAIN

Mauna Kea Resort supports economic growth within the community through continuous development of local and environmentally responsible supply chain partnerships. The food and beverage department works with local supplier Triple F Distributions, the island's largest vendor of restaurant, bar, and janitorial supplies and equipment. The Mauna Kea Golf Course retail shops work with local suppliers: Aloha UV, LELE, and Mona Grams. Diverse suppliers are tracked and measured by monitoring sales reports, purchase turnovers, and re-orders. Mauna Kea Resort is also in the process of developing a Supplier Code of Conduct.

## FEEDING THE LOCAL ECONOMY

Mauna Kea Resort sources food from an onsite garden at Hapuna Beach Prince Hotel and provides jobs to local farmers to support the local economy. Peter Abarcá, Jr., Director of Culinary and Beverage Operations at Mauna Kea's sister property, Hapuna Beach Prince Hotel, was born on the island and has been an employee since 2008. Peter and his staff provide a variety of produce, including eggplant, papaya, rosemary, thai basil, basil, mint, honey, lemongrass, bay leaf, meyer lemon, orange, calamance (citrus fruit), figs, ulu, kalo, taro, Hawaiian chili pepper, Thai chili pepper, cilli pepper, katamunghi/marungai/malungay/malunggay (holistic super food that helps diabetes/gastrointestinal), green papaya, regular papaya, white pineapple, bananas, Portugese cabbage, long beans, tomatoes, and pumpkin (seasonal).

Dairy is sourced from the island's local supplier, Meadow Gold Dairies. Mauna Kea Resort also provides a majority of local menu options with sustainable meat, poultry, and fish. Key examples include:



85% produce is bought on island (local)



95% local fish



Pasture raised chicken on the menu



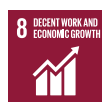
Buys whole carcasses of grass-fed beef in turn sold as menu specials



Local lamb, pork, quail, and eggs

They take a closed loop system approach by giving recycled food waste to local pig farmers and in return, meat is purchased from many of those farmers.

**Beehives provide honey** for guests located both at Mauna Kea Beach Hotel and Hapuna Beach Prince Hotel. The honey is extracted in collaboration with the Department of Land and Natural Resources and the Department of Agriculture. Through investment of a third Centrafugal extractor, they plan to make a more sustainable amount for guests to enjoy.



# POWER OF PARTNERSHIPS

Mauna Kea Resort partnerships extend across Hawai'i Island and the State of Hawai'i, in addition to the mainland and beyond. They actively collaborate with educational institutions, non-profits, hospitality and golf industry associations, professional organizations, municipalities, state and federal legislators.

## *Industry Partners*

### **Tommy Bahama Charity Golf Tournament Series**

[www.tommybahama.com](http://www.tommybahama.com)

### **National Golf Foundation**

[www.ngf.org](http://www.ngf.org)

### **PGA of America**

[www.pga.com](http://www.pga.com)

### **GCSAA**

[www.gcsaa.org](http://www.gcsaa.org)

### **Environmental Institute for Golf (EIFG)**

[www.eifg.org](http://www.eifg.org)

### **USGA**

[www.usga.org](http://www.usga.org)

### **National Golf Course Owners Association**

[www.ngcoa.org](http://www.ngcoa.org)

### **Audubon International**

[www.auduboninternational.org](http://www.auduboninternational.org)



11 SUSTAINABLE CITIES  
AND COMMUNITIES



16 PEACE, JUSTICE  
AND STRONG  
INSTITUTIONS



17 PARTNERSHIPS  
FOR THE GOALS

## *Professional, Non-Profit, Civic Partnerships & Causes*

National Park Service Ala Kahakai  
National Historic Trail

All One Ocean

The Kohala Center

Planet Hawai'i

ClimbHi

Habitat for Humanity West Hawai'i

Hawai'i Community College Palamanui

Hawai'i Community Foundation

Hawai'i Island United Way

Kona-Kohala Chefs Association

Kona-Kohala Chamber of Commerce

Mauna Kea Forest Restoration Project

Na Kalai Wa'a

The Nature Conservancy

North Kohala Community Resource Center

Puukohola Heiau National Historic Site

University of Hawai'i

Hawai'i Tourism Authority

Hawai'i Island Visitors Bureau

Kohala Coast Resort Association

Historic Hotels of America

**CASE STUDY DEVELOPED BY**  
IMPACT360 Sports

**A JOINT VENTURE OF**  
Aubrey McCormick, President  
McCormick Catalyst Group, LLC.

Gina Rizzi, President  
ARCUS Marketing Group, LLC.

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