



Sustainable Cayman
Est. 2014

Plan:	Pirate Cove Nature Park
Workspace:	Sustainable Cayman Community Ecosystem
Administrator:	Sustainable Cayman
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About us

Founded in 2014 and gaining charitable organization status in April 2022, Sustainable Cayman aims to provide sensible solutions to sustainable problems.

Our vision

Sustainable Cayman aims to promote environmental sustainability and conservation in the Cayman Islands to create healthy communities and a flourishing natural environment.

Our Plan

Pirate Cove Shoreline Community Rejuvenation Project through creation of Pirate Cove Nature Park.



Health and happiness



Outcomes

Health and happiness

Shared Outcome



Actions

Create wellness nature space within local community

Nature spaces promote both physical health and emotional well-being, contributing to overall happiness.

Reasons why parks are important to health and happiness:

1. Physical Activity: parks provide a space for recreational activities which result in numerous health benefits
2. Mental Health Benefits: nature spaces can have a positive impact on mental health and well-being
3. Building community: public spaces provide the community opportunities to come together
4. Environmental Stewardship: parks serve to showcase the natural environment and emphasize the importance of conserving the environment



Equity and local economy



Outcomes

Equity and local economy

Shared Outcome



Actions

Create public space

The creation of a nature park provides health and wellness benefits to the community as well as educational opportunities and activities for children.

Provide location for produce stands

The park space could be used by local farmers to set up produce stands.



Culture and community



Outcomes

Culture and community

Shared Outcome



Actions

Create enhanced beach access

This improved beach access will provide a space to build a sense of community.



Land and nature



Outcomes

Land and nature

Shared Outcome



Actions

Conserve natural environment

The park is intended to provide community with a connection to nature, to appreciate the natural environment.

Increase resiliency of shoreline

Through expansion of public area with grading of the beach, increasing car park setback and establishment of foredune habitat.

Use nature-based protection measures against sea level rise and coastal storms

The design of the park will incorporate measures to protect against the climate threats including sea level rise and storms.



Sustainable water



Outcomes

Sustainable water

Shared Outcome



Actions

Use bioswales

Bioswales are channels designed to capture water runoff and recharge groundwater.

Use vegetation which do not require irrigation/watering

Endemic plant species suited to the site environment will be selected to minimize need for irrigation efforts.



Local and sustainable food



Outcomes

Local and sustainable food

Shared Outcome



Actions

Create herb garden

Herbs suited to the site environment will be planted and be available for the community to harvest.



Travel and transport



Outcomes

Travel and transport

Shared Outcome



Actions

Create scooter site

A designated space for rental scooters will strengthen the electric scooter infrastructure and make this method of transport more viable for the community.

Install bike rack

A bike rack will enable the community to use cycling as a form of transport to visit the park.



Materials and products



Outcomes

Materials and products

Shared Outcome



Actions

Use local/endemic plant species in landscaping

The use of endemic plant species will act to create a natural space that will thrive in the weather/climate conditions and showcase the biodiversity of Grand Cayman.

Use locally sourced materials

The use of locally sourced materials will reduce the impact associated with transport of materials and showcase Cayman's natural resources.



Zero waste



Outcomes

Zero waste

Shared Outcome



Actions

Install proper waste disposal facilities

Facilities which allow patrons of the park to properly dispose of waste will minimize the risk of litter accumulation at the site and provide a place to dispose of litter collected from beach clean ups.

Use recycling bins

Recycling bins will ensure that recyclable waste is recycled and minimize the amount of waste going to landfill.



Zero carbon energy



Outcomes

Zero carbon energy

Shared Outcome



Actions

Install solar power lighting

Use of solar power lighting will contribute to minimal carbon energy use in the project.



Indicators

No. of solar panels



No Principle

⊙ Outcomes

Sustainable Cayman
