

# Data Requirements:

This is a draft outlining the data needed per factor affecting the development of a socio-economic project.

The factors are:

## 1. Cultural

### **Goal: To understand our history**

- a. Information about Gikuyu and Mumbi and the 9 clans.
- b. What are the traditional land practices
- c. How do we view land
- d. How do we view animals

## 2. Social

### **Goal: To gauge the community's standing on the current social and political climate**

- a. What are people's views on tourism in the area
- b. Are the people open to change?
- c. What are the tribal dynamics of the area?
- d. What is the population distribution of the area
- e. Are there social amenities in the area?
- f. What are the governmental (local and state) policies that directly affect agricultural practices in the area

## 3. Economic

### **Goal: To understand the current economic reality of the area to design and develop sustainable growth**

- a. What is the main economic activity of the area
- b. What is the cost of item production
- c. What are the most profitable and least profitable economic activities in the area?
- d. What is the level of transport infrastructure in the area

## 4. Environmental

### **Goal: To ensure the project is ecologically sustainable and robust**

- a. What is the weather and climate of the region
- b. What is the impact of the project on the land, water and air
- c. How much energy will be required per phase and for the total project
- d. How much of the project's energy needs can be met via sustainable generation

## 5. Technical

**Goal: To define the technical framework required for the project operations and long-term maintenance**

- a. What technical stack will be used
- b. How do we extract, transform and load the data?
- c. Who has access to the data
- d. What are the hardware requirements