

# Maize Adaptation in Kenya Building Climate Resilience through Maize Farming in Kenya

By: James, Larissa, Alex,  
Morgan, Ethan & Nick



## Context

- Climate Change threatening agricultural activity
- Community reliant on agricultural activity
- Kenya already experiencing impacts of climate change
- Kenya's mean annual temperature projected to rise over century
- Agriculture makes up 75% of Employment
- Arid/ Semi Arid regions impacted greatest



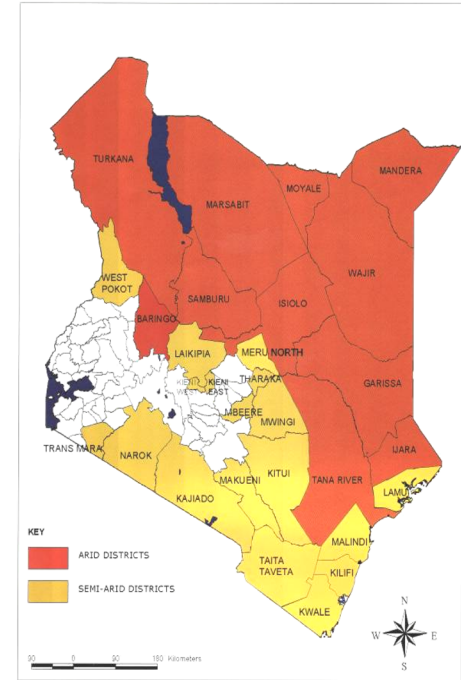
# Project Overview

- Focus on Maize Farming
- Two Headed Approach
  1. Drought Resistant crops based on biodiversity
  2. Farmer Education
- Direct Partnership with kenyan MOA



**Republic of Kenya**

**Ministry of Agriculture, Livestock and Fisheries**



## Funding Breakdown

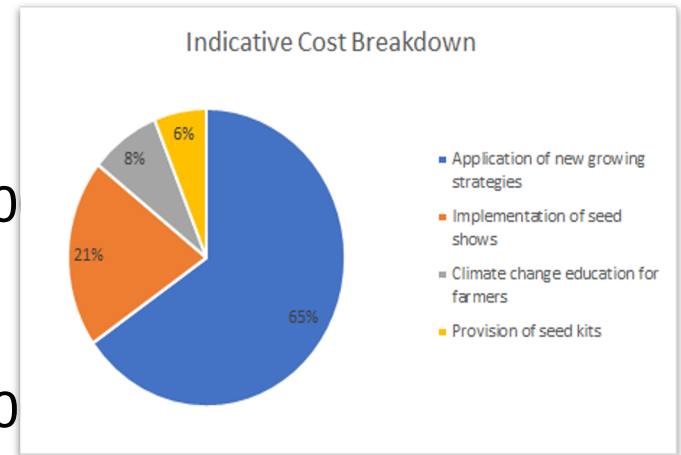
Provide seed kits to farmers - \$750,000

Climate change education for farmers - \$1,000,000

Implementation of Seed shows - \$2,500,000

Application of new growing strategies - \$8,000,000

**TOTAL COST - \$12,250,000**





# GCF Investment Criteria



- **Impact potential** - food security, soil nutrients, climate resilience, reference for future projects
- **Paradigm shift** - nationwide agricultural revolution
- **Sustainable development** - Indigenous seed varieties, increased maize output and improved sustainability of exports; enhanced nutrition, health and social cohesion; improved soil moisture and quality
  - SDG1 (No poverty)
  - SDG 2 (Zero hunger)
  - SDG 3 (Good health and well-being)
  - SDG 13 (Climate action)
- **Needs of recipients** - Over 80% of the country's landmass is arid and semi-arid land, country imports food for citizens
- **Country ownership** - plan will be adoptable by the Kenyan government by keeping project management local
- **Efficiency and effectiveness** - working with NGBK and community seed banks to keep costs low, keeping advertising community-based with seed shows

# Thank You! Any Questions?

Group 1 Email James at: [james.ellis2603@gmail.com](mailto:james.ellis2603@gmail.com)

