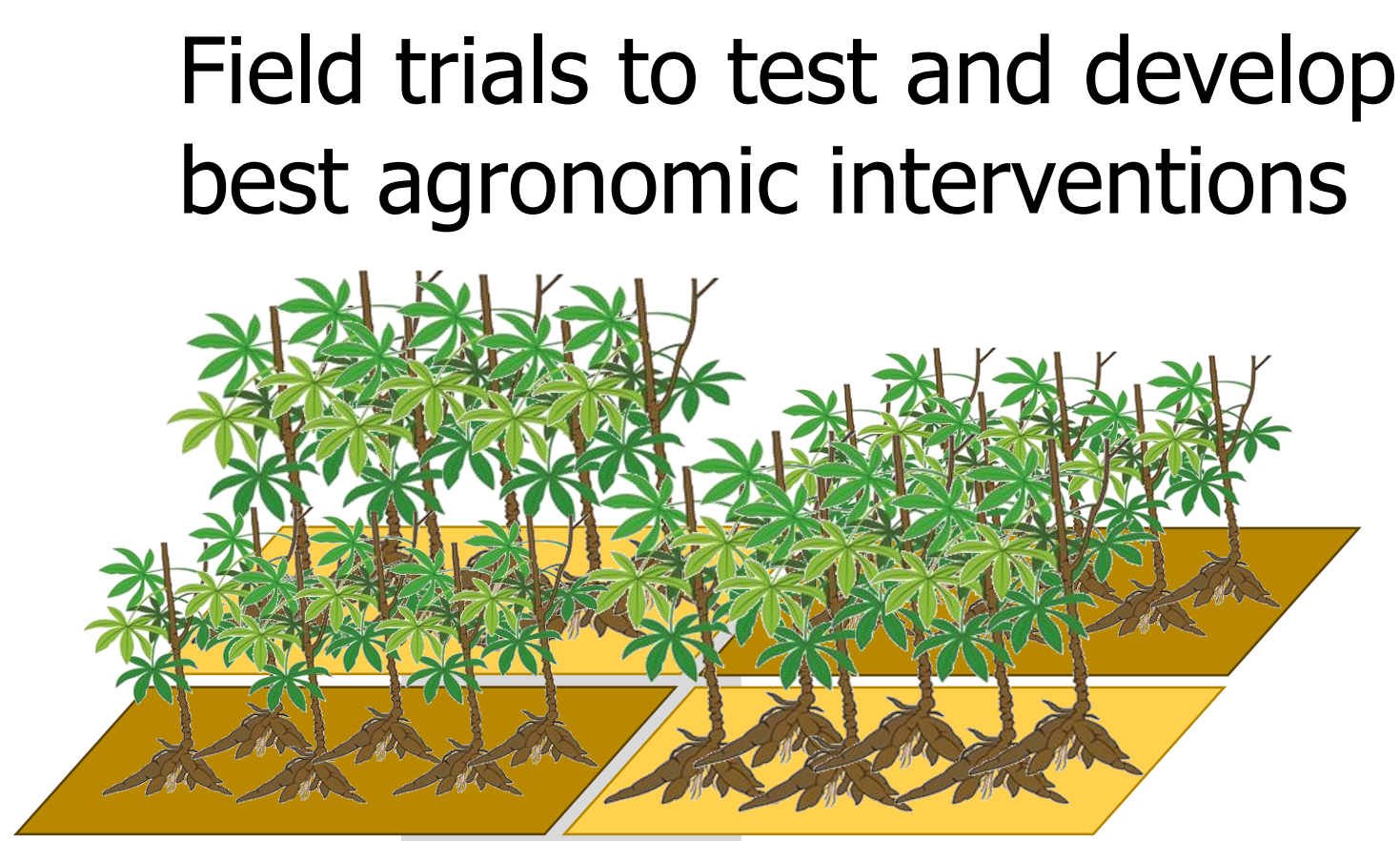


Block 3 Poster 3

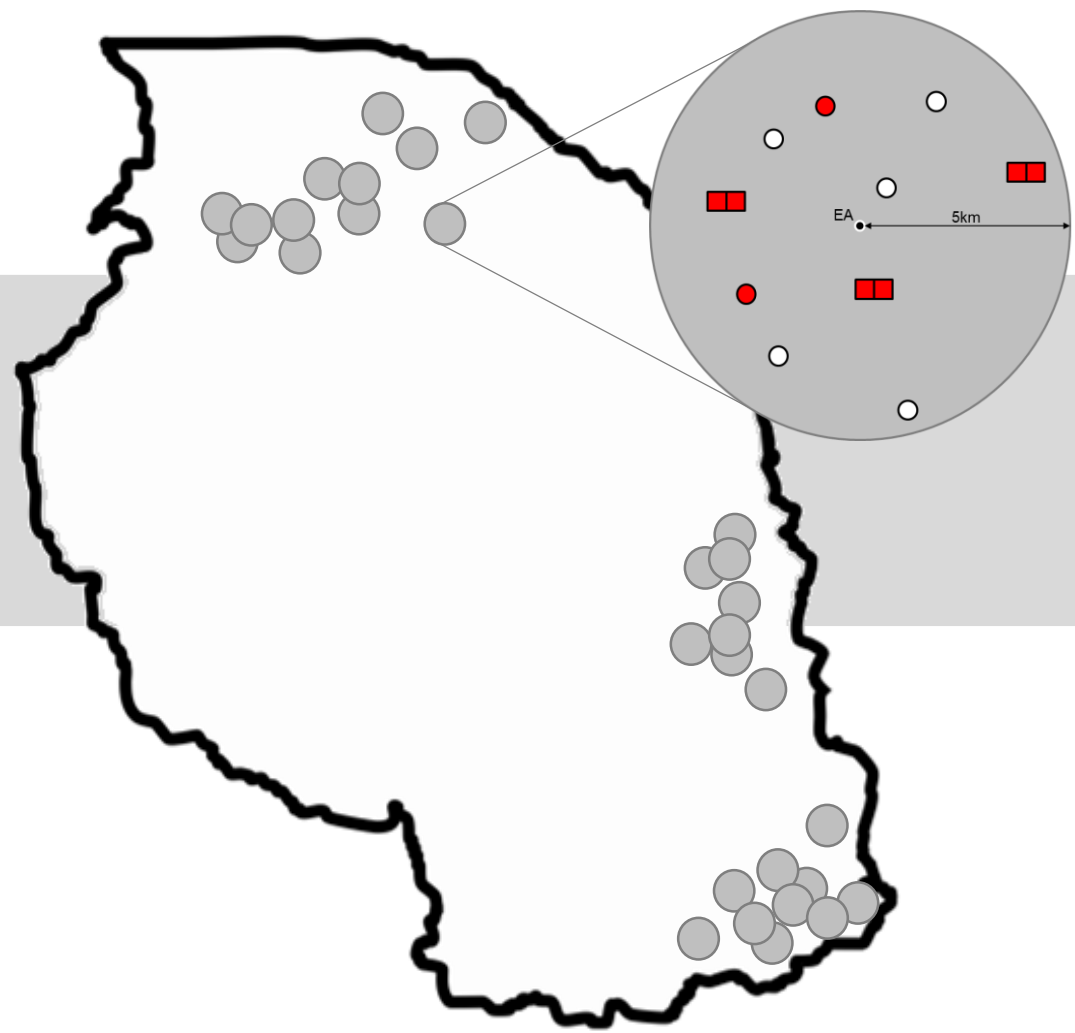
Developing decision support tools to scale agronomic technologies for cassava



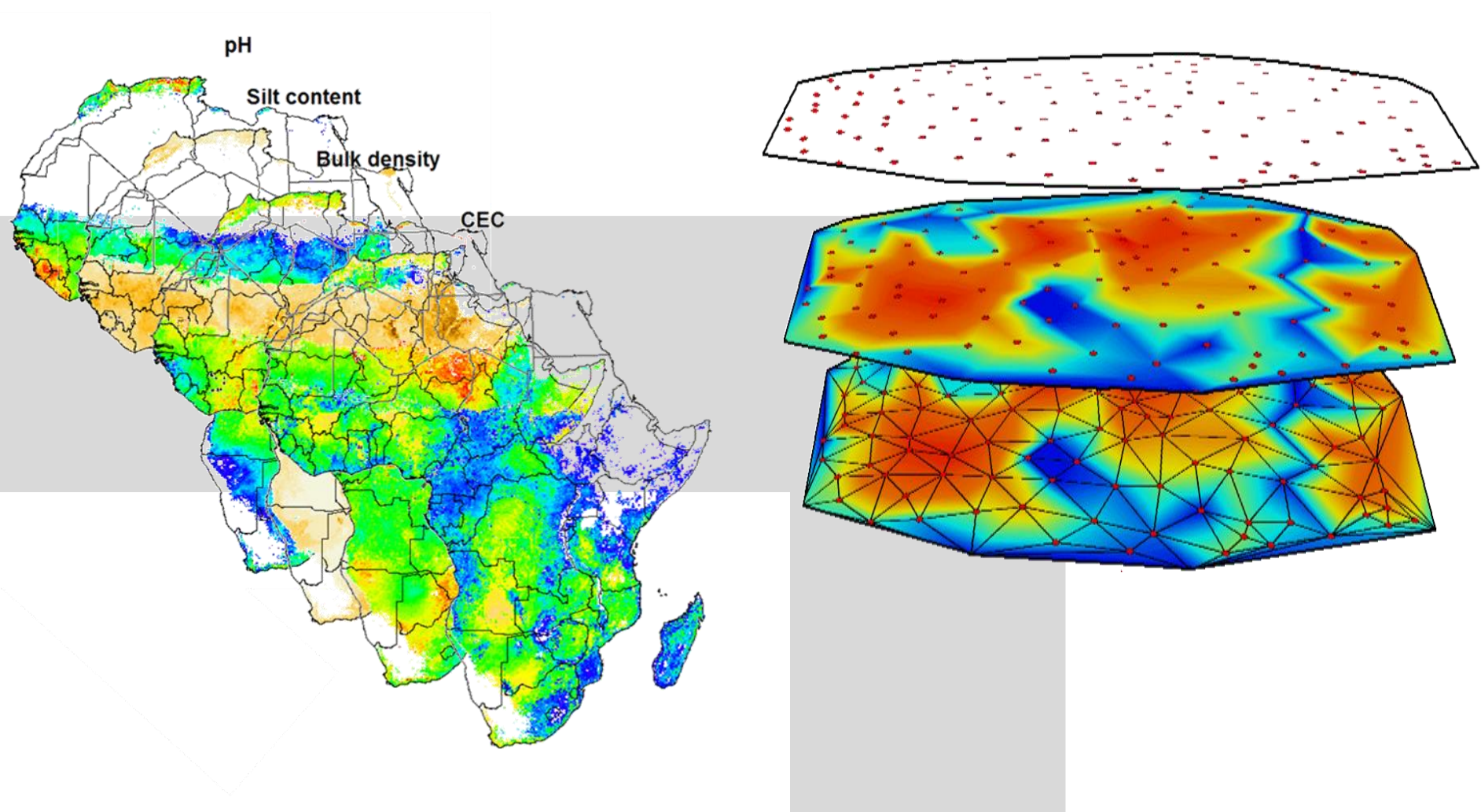
Use case identification with development partners



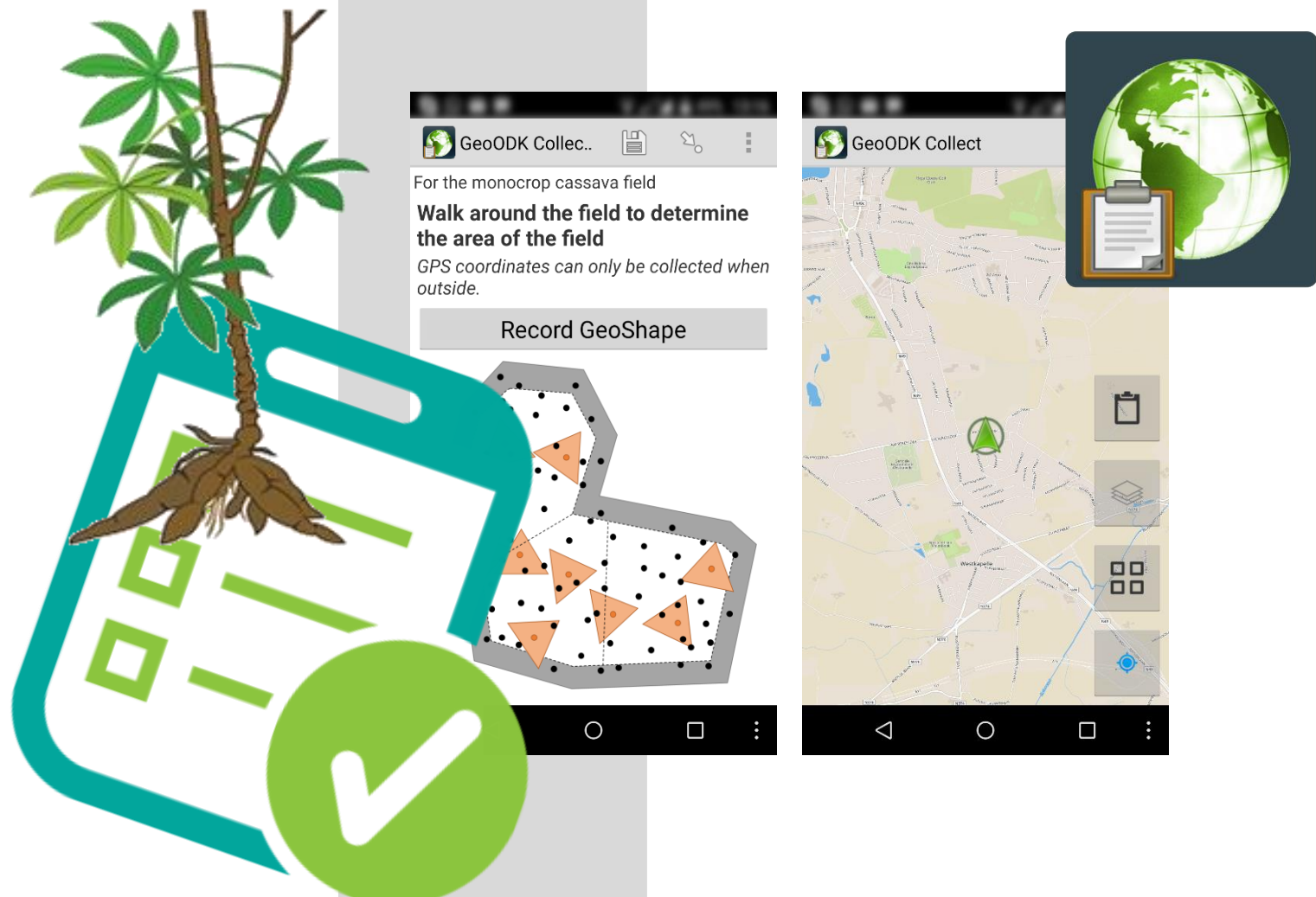
Sampling frames



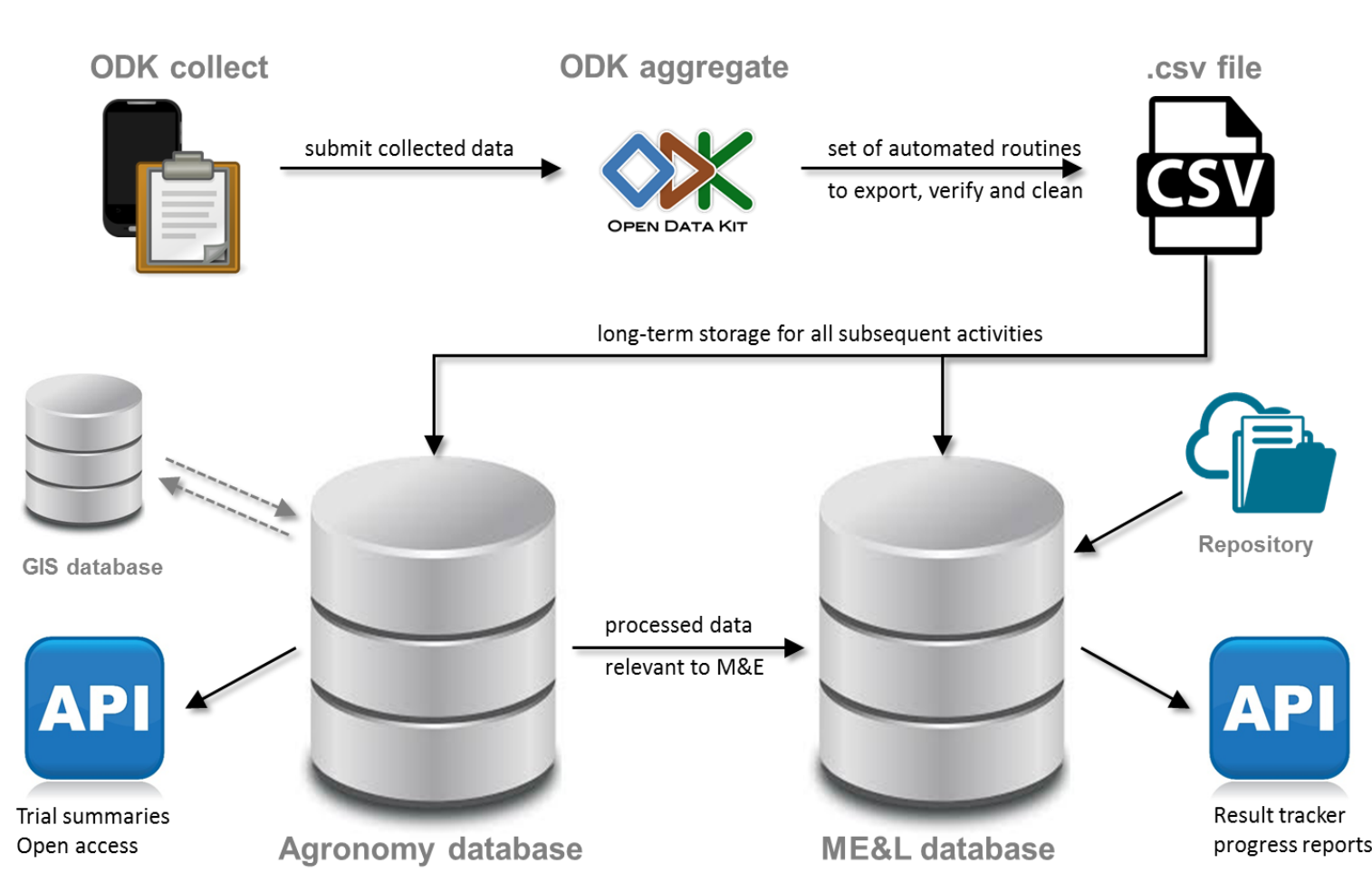
GIS and geospatial modelling



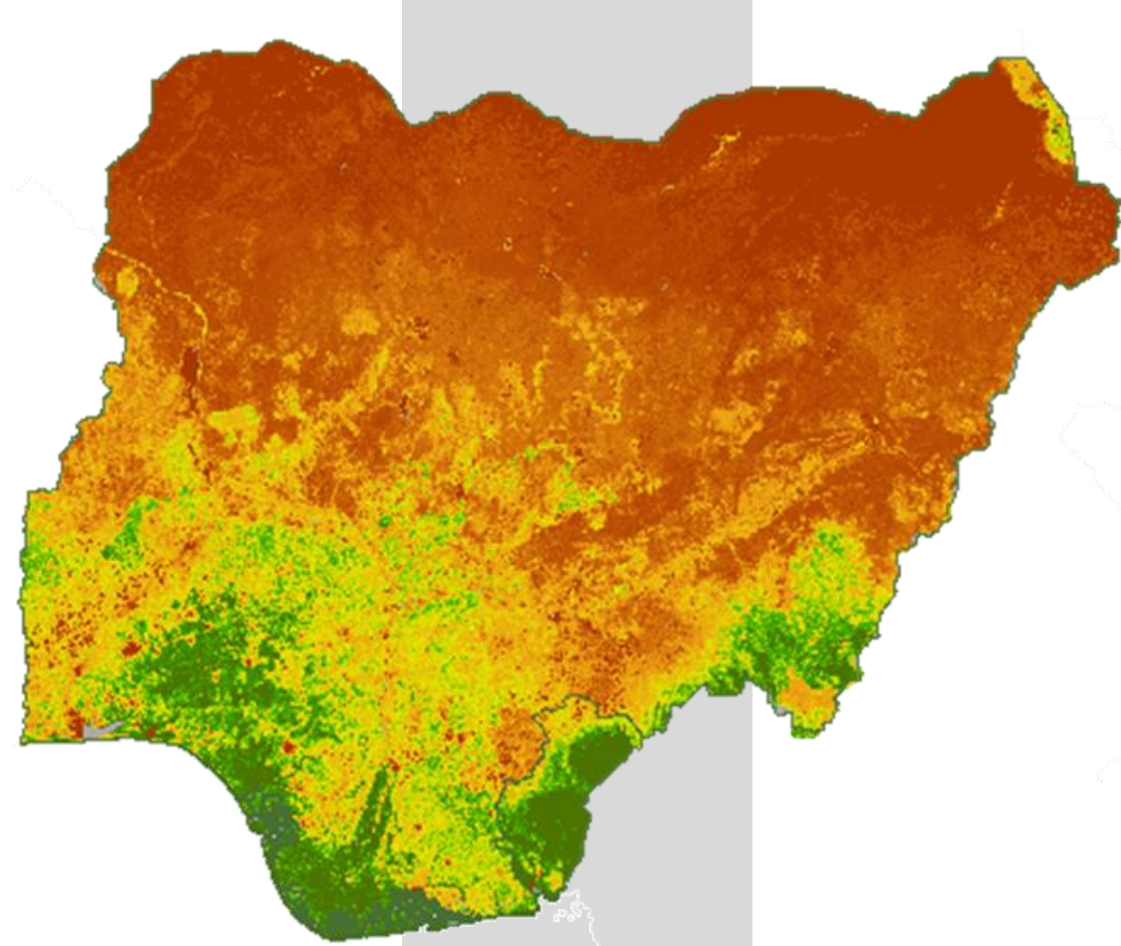
Field surveys and characterisation



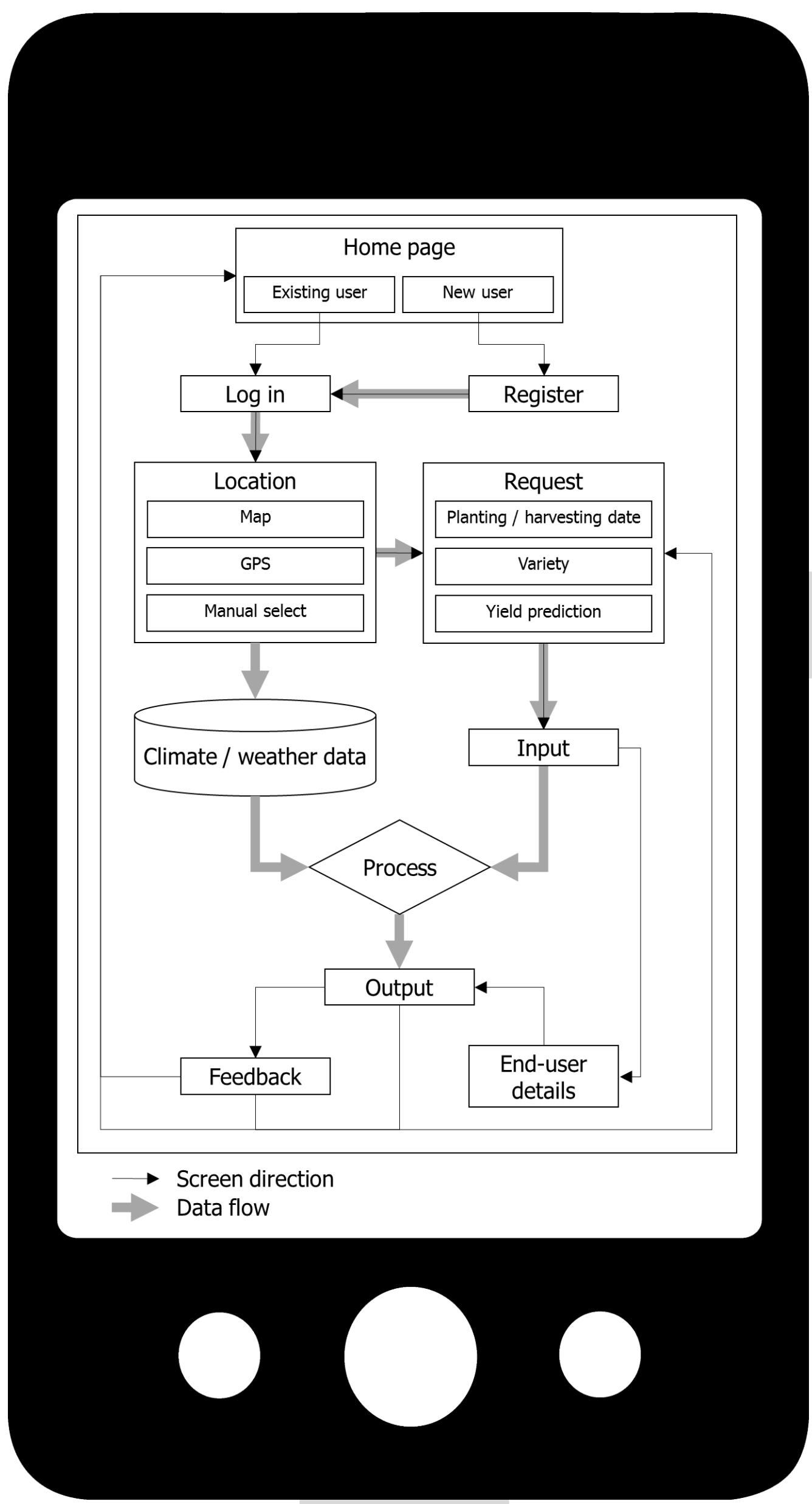
Data management infrastructure



Recommendation domains and yield gap maps



Decision support tool development (V0, V1, .. VF)



Validation activities

African Cassava Agronomy Initiative

« Validation of Site-specific Fertilizer Recommendations » (VAL-1)

PACKAGE CONTENTS

- Planting material of improved variety (3 x 56 cuttings + ~15-20 spare cuttings for gapping by transplanting)
- Labels to indicate treatments (blue = control, red = standard recommendation, yellow = site-specific recommendation)
- Fertilizer, various bags of TSP, urea and MoP, labelled as red or yellow will be provided shortly before the time of application.
- Rope with knots to aid in establishing plots with correct dimensions and spacing.
- This information flyer, and a field book for monitoring and data collection.

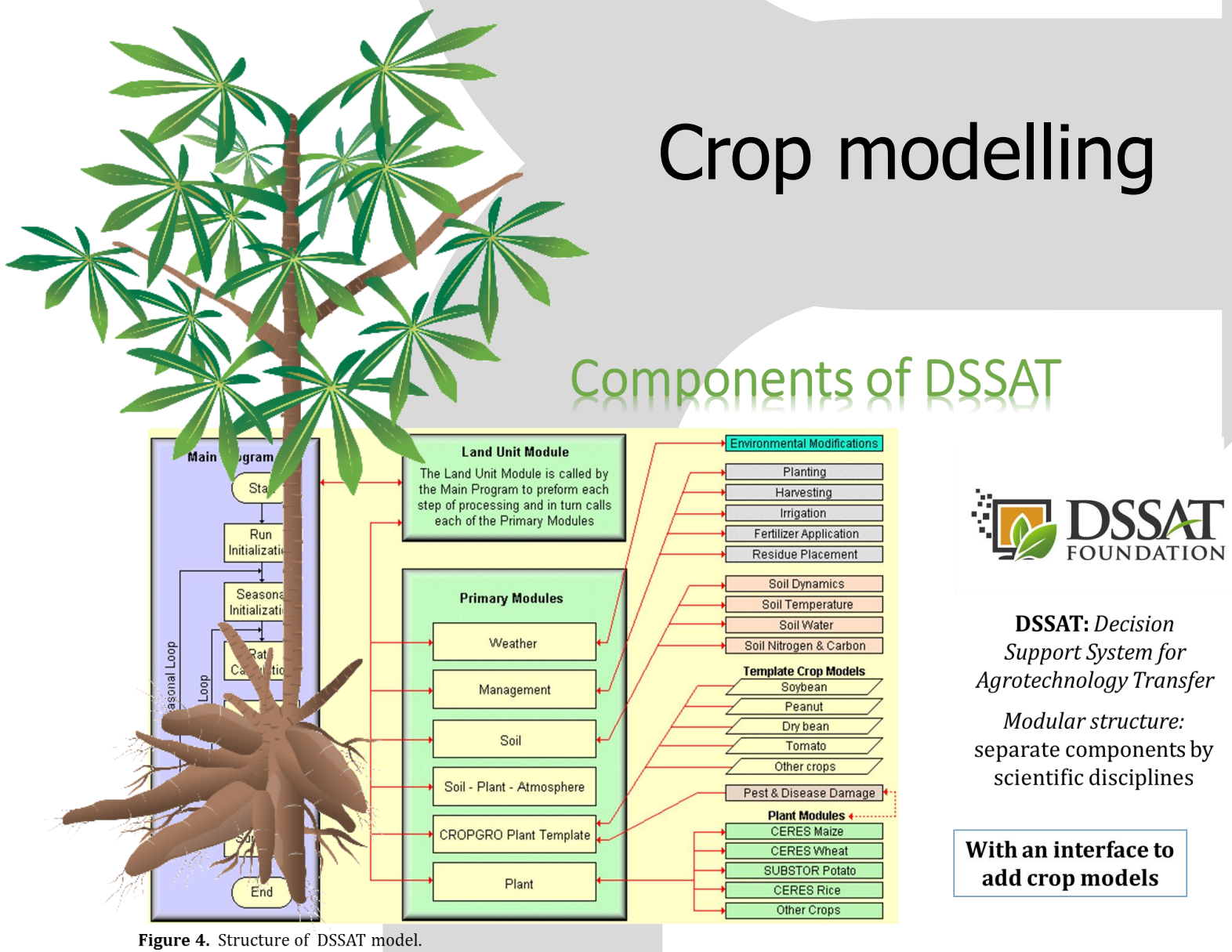
DESIGN OF THE FIELD

Treatment	Variety	Fertilizer
Plot 1: Control	Mkombozi (LZ) or Kiroba (EZ and SZ)	None
Plot 2: Standard recommendation	Mkombozi (LZ) or Kiroba (EZ and SZ)	75 kg N, 20 kg P, 90 kg K per ha
Plot 3: Site-specific recommendation	Mkombozi (LZ) or Kiroba (EZ and SZ)	Dependent on local climate and soil conditions

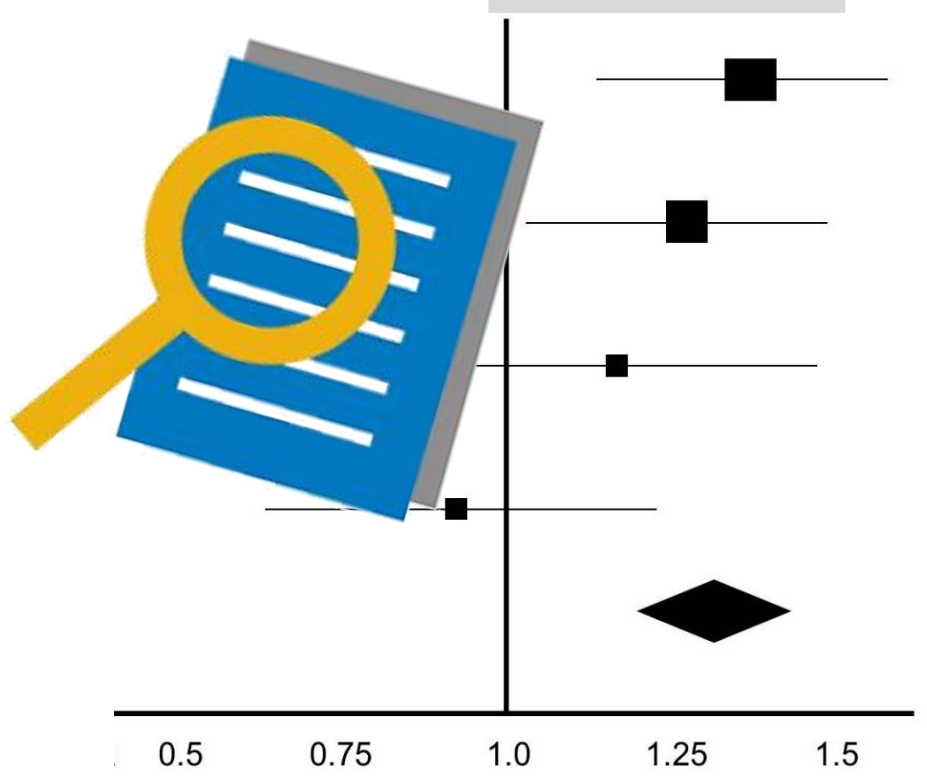
CHOICE OF THE FIELD

- A field of 8 by 21 m is needed that can contain all 3 plots next to each other.
- The field should have a homogeneous cultivation history and soil fertility
- The field should not contain trees within the plots, or have large trees casting shade onto the plots, and the field should be at least 3 m away from roads or paths.

Crop modelling



Literature review and meta-analysis



Nutrient norms and modelling



Pieter Pypers
Abdulai Jalloh
Christine Kreye
Veronica Uzokwe
Stefan Hauser
Theresa Ampadu-Boakye
Bernard Vanlauwe
Guillaume Ezui
Shamie Zingore
Alex Verlinden
Keith Shepherd
Patricia Moreno Cadena
Felix Kolawole Salako
Adeyemi Olojede
Geoffrey Mkamilo
Peter Deusdeit Mlay
Project Amos
Wiston Mwombeki
Grace Ngwasi
Stephen Magige
Nancy Karanja
Idris Saidu Garko
Lateef Sanni
John Teri Vandt
Oluwatosin Oni
Bashir Adesiyun
Thompson Ogunsemi
Innocent Okuku
Johan Six
Gerrit Hoogenboom
Ken Giller
Roel Merckx



Africa Soil Information Service
africasoils.net



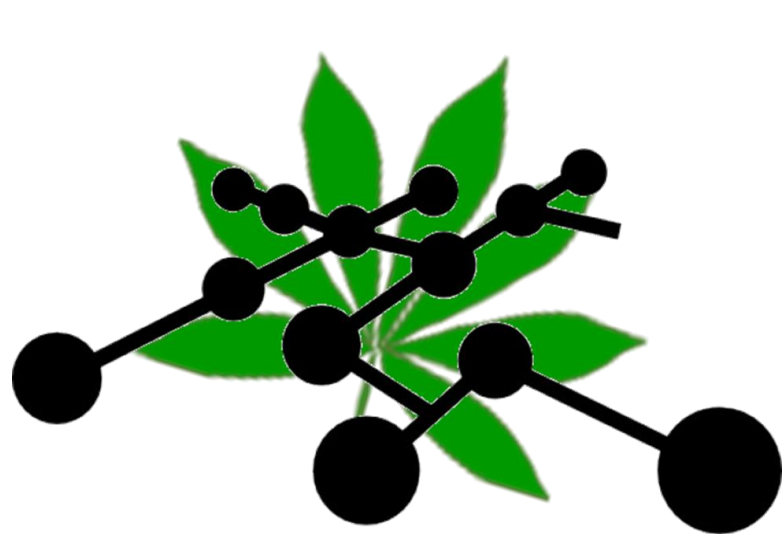
Scaling activities



Capacity development



Training videos



Cassava clusters



Promotion



Awareness campaigns



Grassroot events