

Environmental Education and Awareness Raising on VBVC Agricultural Potentials for Mid- sized Farmers in Kenema District

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CONTENT

- The natural beauties of Sierra Leone.
- The impact of climate change on natural resources that is critical to the sustainability of agriculture, urban development, forestry and bio-diversity
- Agricultural Potential Value Based Value Chains (VBVC) Production for Mid-Sized Farmers
- Conclusion on long-term sustainability perspectives to abate the impact of climate change

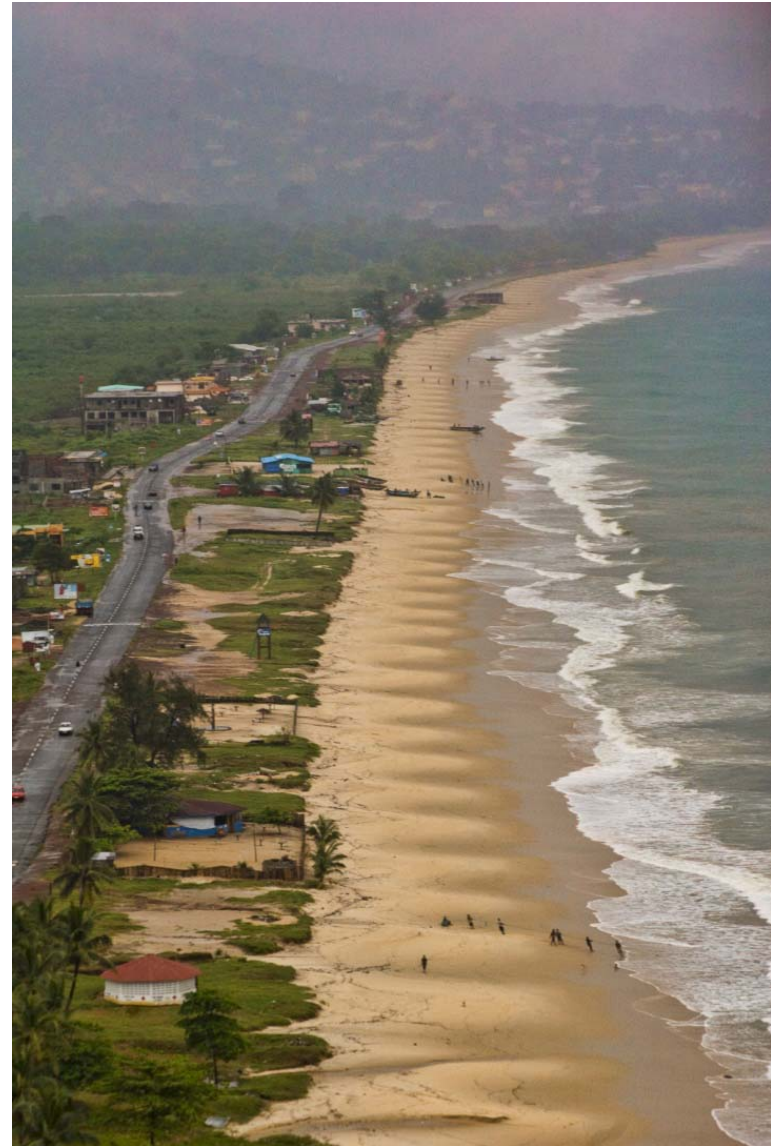
Part I

Sierra Leone at Glance – The Natural Beauties

Protecting Our Beaches



Beaches are wide and serves as excellent accommodation for recreational activities



Lumley Beach for all lifestyles



Protecting our Beautiful Rivers and Streams



Protecting Secondary Forest Cover in our Villages



Protecting our Hills and mountains



Protecting Endangered Species



Pigmy Hippo



Zebra duiker



African Civet



Bongo



Forest Elephant

Part II

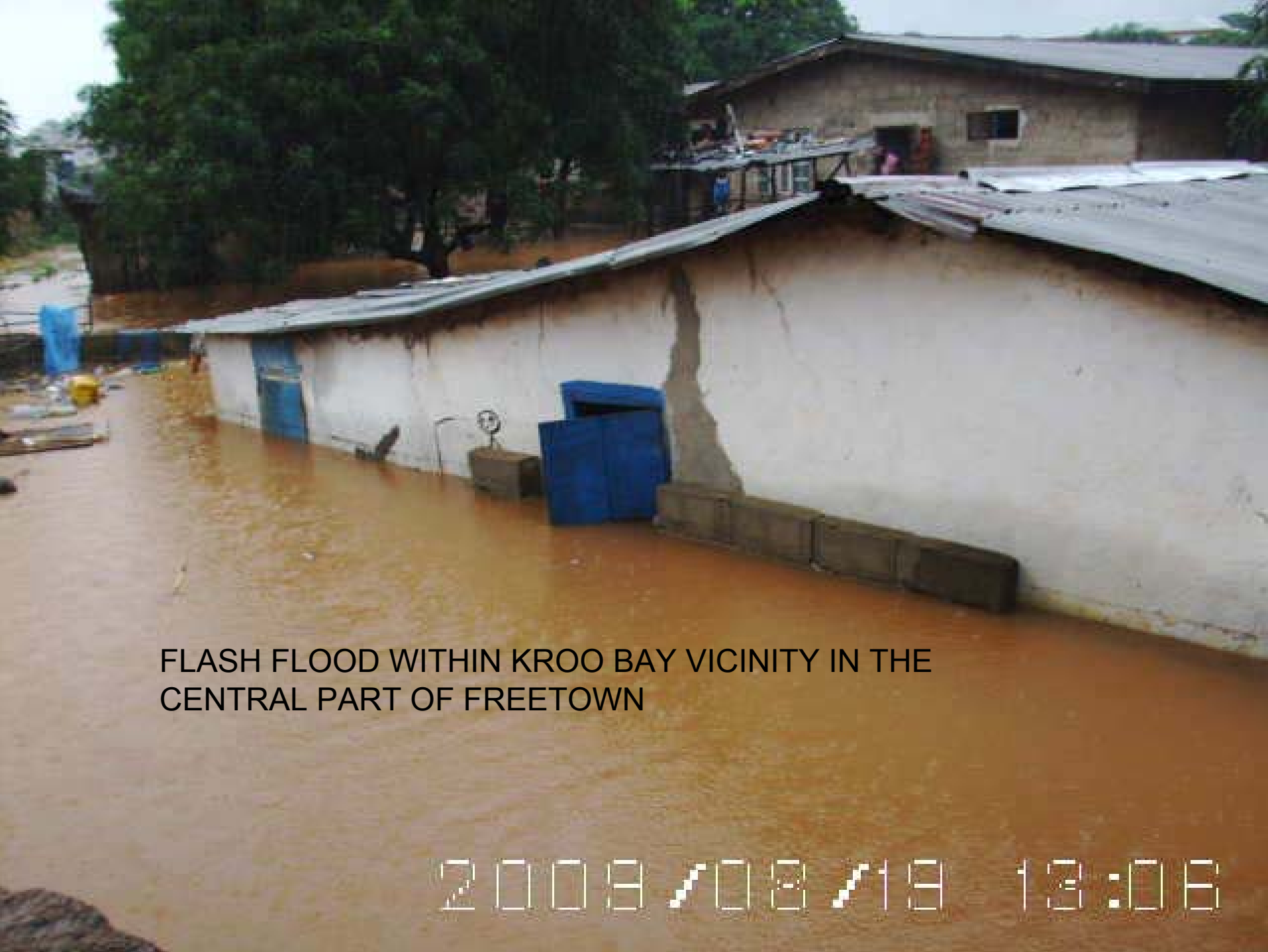
Impact of Climate Change on Sustainable Development



FLASH FLOOD AT NEW ENGLAND VILLE IN 8 AUGUST, 2009

2009/08/18

10:43



FLASH FLOOD WITHIN KROO BAY VICINITY IN THE CENTRAL PART OF FREETOWN

2008/08/19 13:06



Poorly controlled logging concessions severely damage parts of the forest in Kenema District (anthropogenic impact)

With new-found stability the threat from commercial logging and mining is now serious, alternatives are needed and Sierra Leone needs investment.....

Threats on Vulnerable Population

- Population pressure.
- Agriculture (slash and burn).
- Logging.
- Mining
- Fragmentation –
 - Increased Edge effect
 - Genetic vulnerability – extinctions
 - Reduction in the total area of the habitat
 - Decrease in the amount of prime farmlands
 - Rural-urban drifts in search of greener pasture

Illegal activities



Illegal Activities



Illegal Activities



Vision for Climate Change
Adaptation – Value Based Value
Chain Addition

Project Objectives

- Identify more values-based value chains (VBVC) among mid-sized farmers in Kenema district,
- Determine value-added value chains that could evolve into VBVC in each of identified zone of growth for the enhancement of local products to compete with imported commodities, and
- Develop, promote and propagate innovation platforms in VBVC capacity building and awareness raising

KEY ELEMENTS in BVBC:

- ✧ Population-based identification of food vehicles
- ✧ Industry assessments for Processing
- ✧ Legal framework
- ✧ Quality assurance
- ✧ Marketing of foods products (public & private)
- ✧ Monitoring and evaluation

FORGING PARTNERSHIPS

ADVOCACY

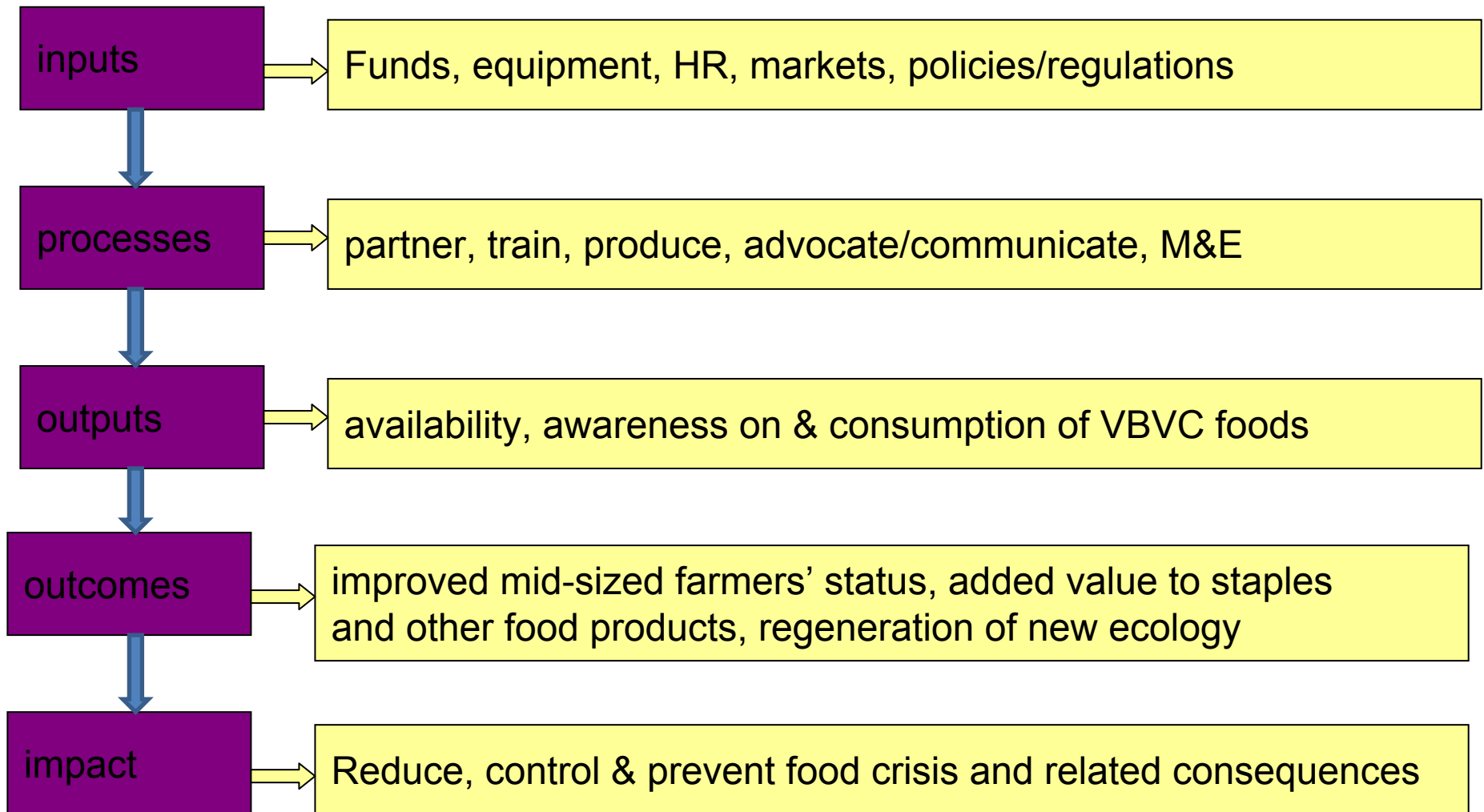
Initiative at Njala University

- Selection of Silvicultural trees for shelter belts on Highways and Feeder Roads with participating farmers
- Cultivation of buffer edges within the community as medicinal and food crops of economic benefit.
- Mitigating the impact of climate change in community with agro-forestry.

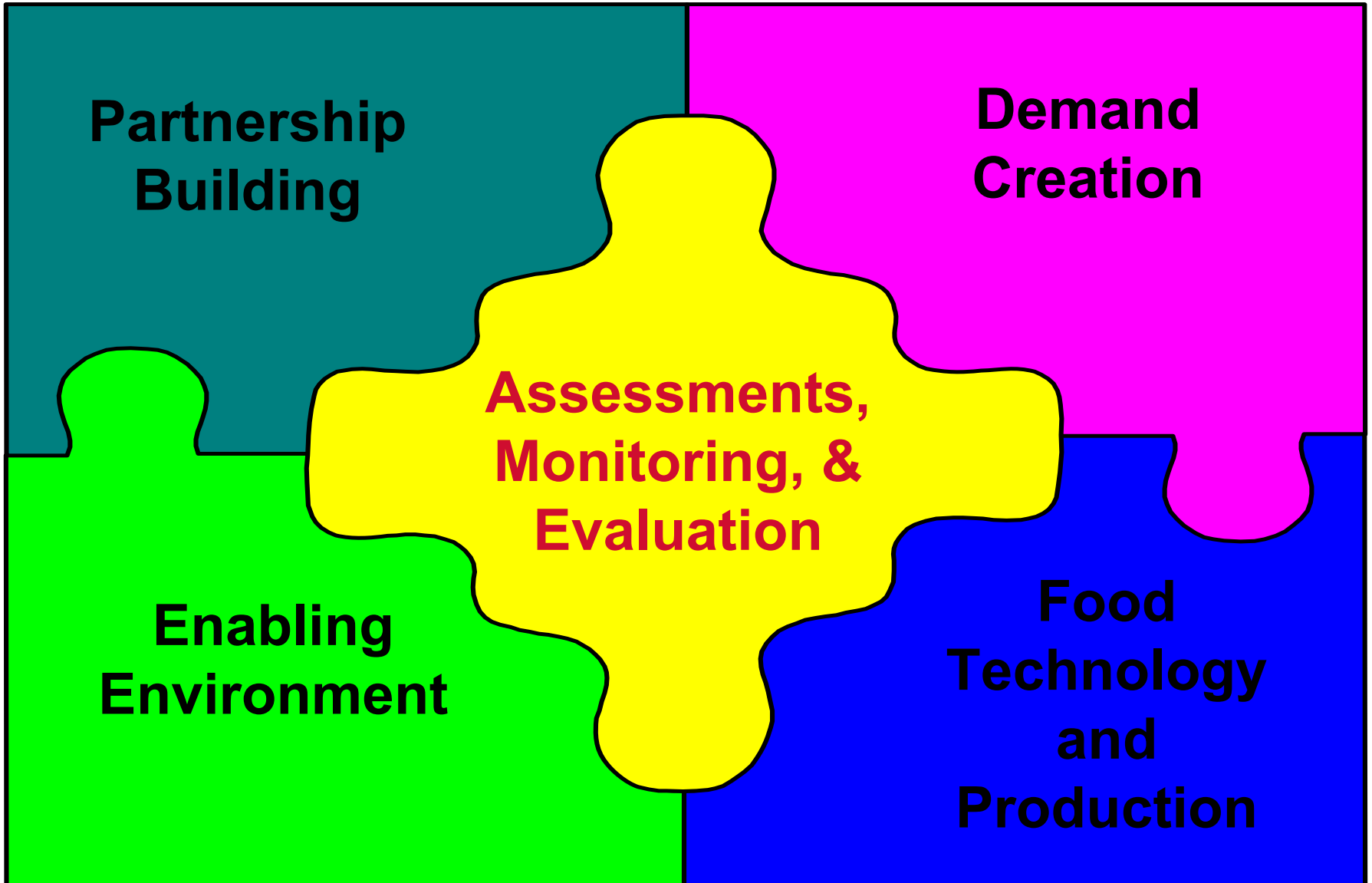
Silvicultural Trees for Shelterbelts/Buffer Edges within the Community.

<i>Mangifera indica</i>	Anacardiaceae	Tree	Food/medicine
<i>Musa sapientum</i>	Musaceae	Tree	Food/medicine
<i>M. parasidiaca</i>	Musaceae	Tree	Food/medicine
<i>Cola gigantea</i>	Sterculiaceae	Tree	Food/Timber
<i>C. acuminata</i>	Sterculiaceae	Tree	Food/medicine
<i>C. nitida</i>	Sterculiaceae	Tree	Food/Medicine
<i>Cassia siamea</i>	Leguminosae	Tree	Agroforestry
<i>Anthocleistia vogellii</i>	Loganiaceae	Tree	Medicinal
<i>A. djaleonensis</i>	Loganiaceae	Tree	Medicinal
<i>Albizia zygia</i>	Leguminosae	Tree	Medicinal
<i>A. adianthifolia</i>	Leguminosae	Tree	Medicinal
<i>Carica papaya</i>	Caricaceae	Tree	Food/medicine

Logical Model



KEY PROJECT COMPONENTS



Project timeline and implementation schedule

Project execution will take place in 3 phases with an expected minimum duration of five (5) years.

Phase, major activity and Conservative cost	Year				
	Year 1	Year 2	Year 3	Year 4	Year 5
I – Formation of DAADS and mid-sized farmers VBVC training - \$ 30,000	█	█	█		
II – Promoting Market information Technology - \$ 70,000			█	█	
III – Enabling Small Commodity Producers - \$ 100,000				█	█
Project implementation - \$ 100,000	█	█	█	█	█

Total Cost = \$300,000

PROTECTING OUR RESOURCE SUSTAINABILITY - QUALITY FOOD ON TABLE





ENSURING A BETTER **FUTURE for families**



**Promoting Children's Welfare through
Environmental Education**



**CONCERTED COMMITMENT TO REDUCE EMISSIONS AND
ADDITIONAL FINANCIAL SUPPORT FROM THE DEVELOPED
WORLD, BEYOND TRADITIONAL AID IS *IMPERATIVE* TO ASSIST
US MEET THE CHALLENGES**



“Alone we can do so little; together we can do so much.”

THANK YOU FOR YOUR TIME