



**Environmental Leadership
Programme on Sustainable
and Resilient Infrastructure**

Sustainable and resilient Infrastructure



Green Infrastructure Finance

Opportunities and Challenges

Green infrastructure can boost infrastructure system resilience due to its natural adaptive and regenerative capacity. It can be multifunctional, generating numerous positive environmental impacts.



Green infrastructure can empower communities through participation in project operations. This enhances project sustainability as long-term viability is highly dependent on community support.



Green infrastructure can be low-cost, and cost-effective, helping enhance the economic efficiency of infrastructure investments. Its multiple benefits can generate both monetary values and nonmarket benefits.



Infrastructure Projects

Key Integrated hard Infra Projects:

- Rwanda Urban Development Project- Wetlands
- Rwanda Modern Energy Access Project- Clean Cooking
- Increased Agricultural productivity and Commercialization
- Expanded Access to Infrastructure and Digital economy
- Rwanda Education project- Improved Human Capital
- Landscape approach to Forest Restoration and Conservation

Soft Infra Project Financing:

- Rwanda Climate Change and Development Report;
- NDC Deep Dive- Advancing Financial Innovation to scale up Climate action
- Natural Capital Account- Land- Water- Mineral- Ecosystems
- PROGREEN- Informing Volcanoes Community Resiliency



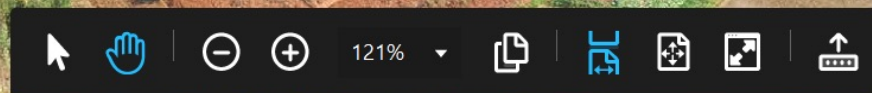
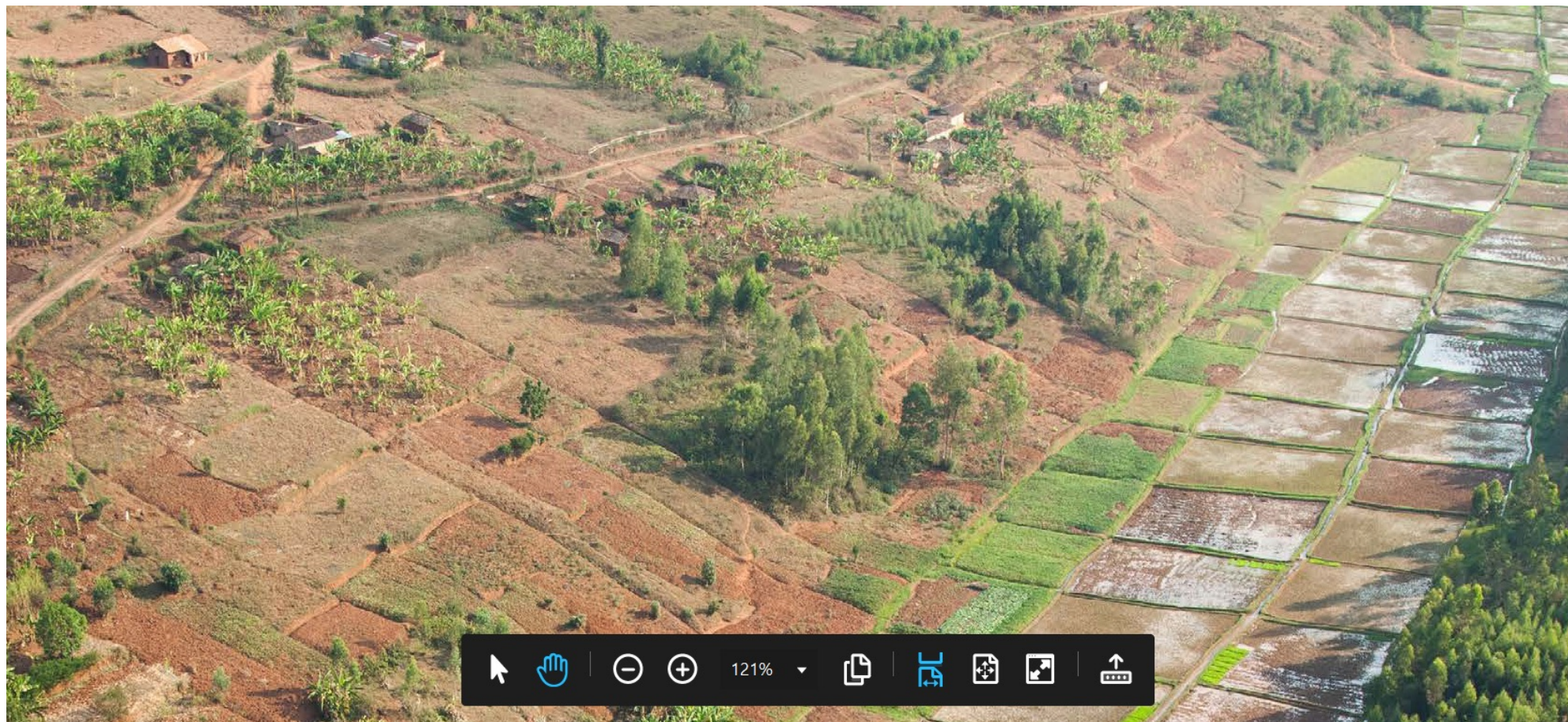
Smart Climate Agri Businesses

Terracing and Hillside Irrigation approach



Greening Rwanda

Climate smart agriculture Development



Terracing again

Balancing hillside and Wetlands



Greening Infrastructure 2

Green infrastructure's ability to provide multiple public and private benefits can unite interests of diverse investors and decision-makers to open pathways for financing, utilization, and large-scale promotion. Supportive policies can greatly aid in adoption of green infrastructure. Understanding policy and financing conditions is a key step of the project development process.

QUESTIONS

Can green infrastructure reduce the cost, increase the quality, and/or improve the resilience of the service?

Is it possible to get multiple stakeholders to support green infrastructure, and can land issues be addressed?

Can green infrastructure be justified in terms of cost, as well as in broader economic terms?



Water Management vs Energy

Reservoir lifespan Increases with well designed Green Infrastructure for erosion control



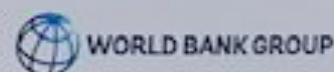


LAFREC PROJECT

LANDSCAPE APPROACH TO FOREST RESTORATION
AND CONSERVATION (LAFREC)

INTRODUCTION OF SYLVOPASTORALISM

NYABIHU DISTRICT, BIGOGWE SECTOR



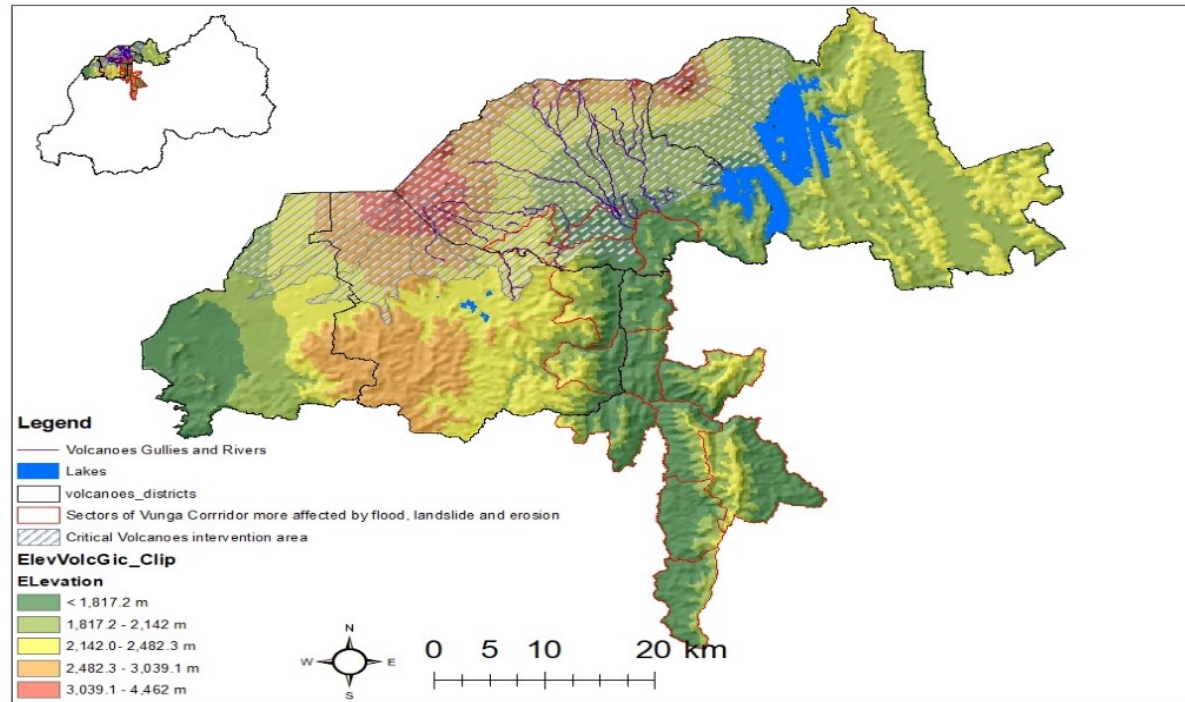




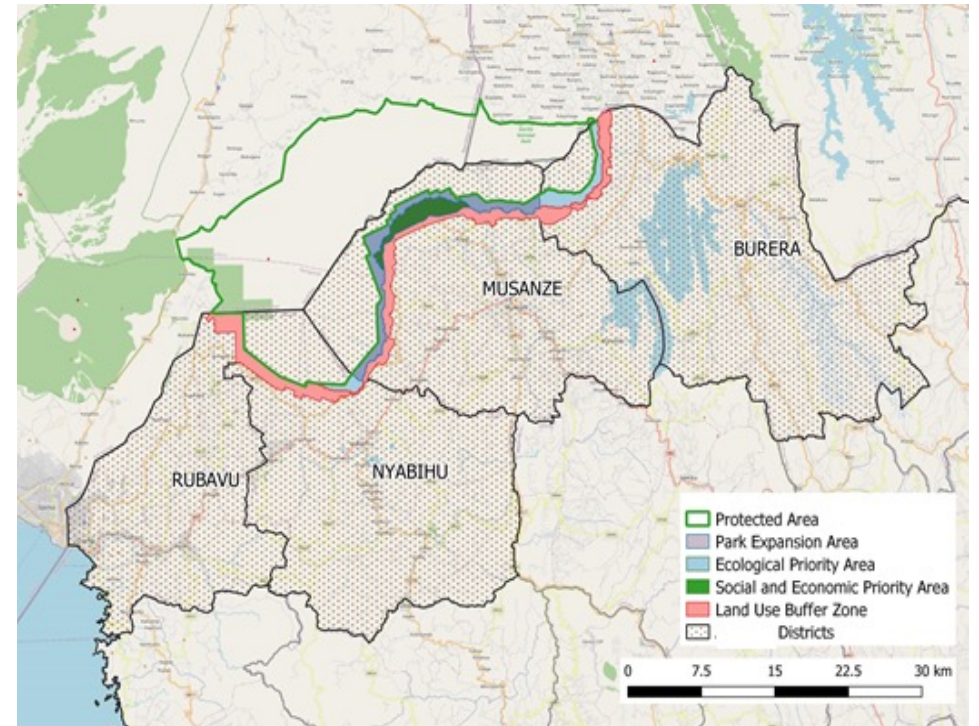
Kinigi IDP Model/ Green Village



Upcoming Project Area



Volcanoes Region Landscape



Volcanoes National Park Expansion