Food and Agriculture Organization of the United Nations

Hand-in-Hand Initiative

Investment Opportunities in Rwanda

HiH Investment Forum | Rome | 14 to 17 Oct 2025

Rwanda HIH Investments Identified

US$ 570.6 Million

- Rome Investment Forum **October 2023**
- Rwanda HIH Investment Forum Potential funding opportunities **April 2024**
- Development partners and Financial Institutions consultations.(08/2025)
- National Investment forum September 2025

US$ 1,044 Million

Institutions Engaged In Discussions On HIH

01. European Investment Bank
02. World Bank
03. IFAD
04. African Development Bank
05. Mastercard Foundation
06. IFC
07. Rockefeller Foundation
08. Agence Francaise de development
09. Rwanda development Bank and Other Commercial Banks

Areas Of Intervention Interesting Private Investors

- Enhancing the private sector's access to long-term loans
- Agriculture de-risking facility
- Funding private sector's investment through Grant and Loans
- Supporting youth and women -owned SMES through direct financing, credit guarantee and agriculture insurance.
- Financing private sector agribusiness through bankable projects in job creation, climate resilience and food Security.
- Commercial Banks Manage long-term patient funding at **8-12%** interest for agriculture projects with a grace period.

Rwanda At A Glance

Land area
26,338 km2

Population
13.246 million, [65.3% < 30 years (Census 2022)]

GDP
US$14.1 bn (WB, 2023)

Poverty
27.4 % (NISR 2024)

Population density
553 ha/km2 (census 2022)

Agriculture land
14,500 km2 (55%)

Population growth
2.3%

GDP per Capita
US$ 1,028 (NISR 2024)

Steady GDP growth standing
at 8.9% in 2024

Unemployment rate
14.7% (NISR, 2023)

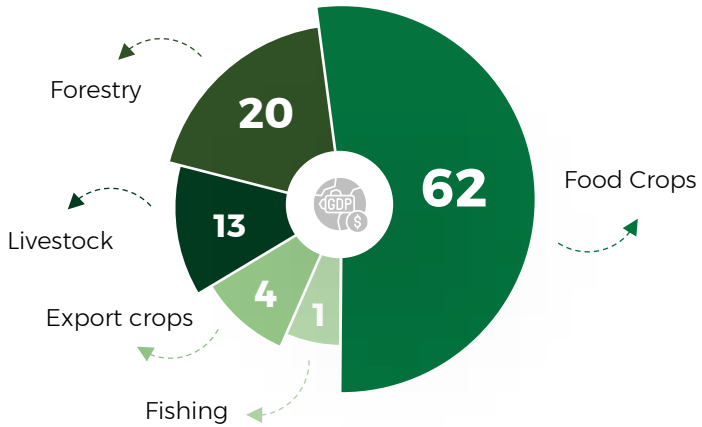
Agri Food Systems

01 **Agriculture contributes to 25% of GDP and 37% to Rwanda exports (NISR 2024)**

02 **Human capital index**
0.38%

03 **Food self sufficiency**
83% CFSVA 2024

Agri GDP composition



Vision 2050
Rwanda aims to reach upper-middle-income status by 2035 and high income by 2050

This will require at least an annual GDP growth rate of 12% between 2024-2035 and 10% between 2035-2050

Why Invest In Rwanda

- Rwanda is renowned for attractive fiscal and non-fiscal incentives
- Government effectiveness ranked 4th in Africa (WB, 2022)
- Sustained high economic growth (8-9.7% Minecofin 2024
- Ranked Among 10 safest countries in Africa (Africa: Crime Index by Country 2024)
- Untapped investment opportunities in Agriculture
- Temperate climate good for quality tea, coffee and hoticulture production

ACFTA

Signatory

ACFTA: African Continental Free Trade Agreement

DOMESTIC

13.2 Million

COMESA

389 Million

COMESA: Common Market for Eastern and Southern Africa

EAC

152 Million

EAC : East African Community

Enabling Environment For Investment

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Investment Law (No.006/2021 Of 05 February 2021) Provides financial And Non financial Incentives

One Stop Center Services

- **Investment Promotion**
- **Licenses & Permits**
- **Export Promotion**
- **Financial Services**

Business incentives

- Preferential corporate income tax (0%,-15%)
- Corporate income tax holiday up to 7 years
- Preferential income tax for export investments: 15%

Others

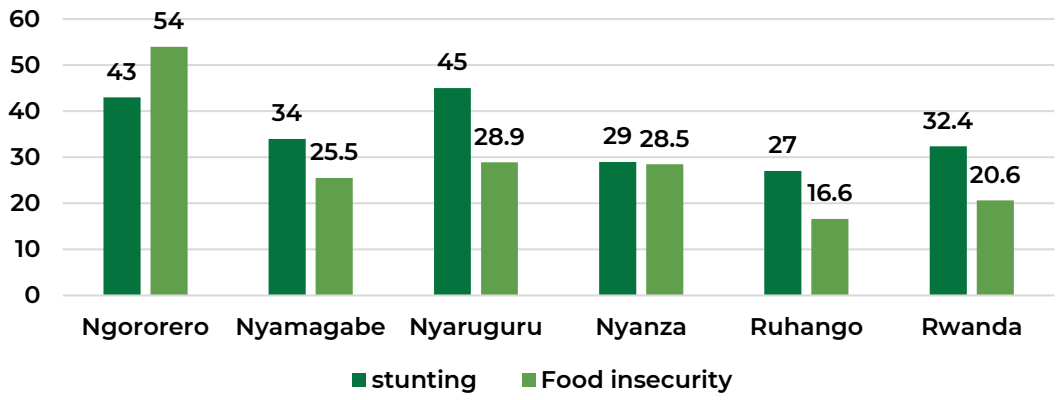
- Derisking facility
- Credit guaranty
- National crop and animal insurance

Targeted Districts

Criteria For Selection

- Government commitment to lift poorest districts from poverty
- High potential for tea, coffee, and horticulture production
- Government Earmarked land for private investment

Districts with Food insecurity and high stunting rates



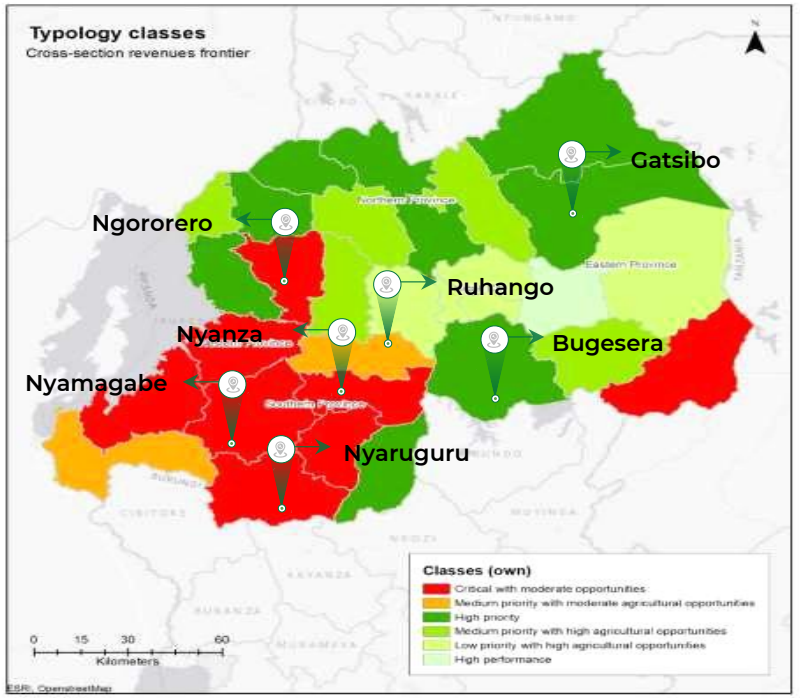
Selected Districts

Western Province
- Ngororero

Eastern Province
- Bugesera
- Gatsibo

Southern Province
- Ruhango
- Nyanza
- Nyamagabe Nyaruguru

HIH typology map 2023



Selected Value chains for Investment

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Current production /export value and Strategic Plan for Agriculture Transformation (PSTA5) targets 2029

Value Chain	Value in 2023	Value in 2029	increase %
Irish Potato (MT)	865,013	1,498,545	73
Tea export Value (US$)	107.7M	164.1M	53.3
Coffee export value (US$)	78.7M	116M	47.4
Eggs (MT)	17,344	21,680	25
Poultry meat (MT)	53,319	65,950	19
Avocado (US$)	6.3M	12,964	105
Chili (US$)	2.030M	6..080.M	199

5 Value chains

- Tea
- Pig & Poultry
- Coffee
- Irish potato
- Chili
- Avocado

Criteria of Value chain selection

01 Contribution to increasing smallholder household income

02 Suitability to the regions selected (altitude between 1619 and 2271 m)

03 Existence of market in the country and abroad (ASIA, EUROPE, DRC, BURUNDI, CENTRAL AFRICA.....)

04 Contribution to food security and nutrition

05 Contribution to export

06 Contribution to reaching ambitious PSTA5 targets

Hand-in-Hand Initiative

Investment Opportunities under HIH

Investment Case 1: Tea Production and Processing

Export Market Overview

Export Market

- 71.4% through MOMBASA auction
- 27.8% via direct sales.
- 0.8% on local market.
- Total Export Value $113.1M in 2024
- 15th Largest Tea Exporter Globally
- 6th Most Exported Product in Rwanda

Top Export Destinations

- Pakistan US$ 27.4M
- United Kingdom: US$17.0M
- Egypt : US$12.8M Kazakhstan: $11.9M Ireland: US$10.0M

Market Growth & Projections

Production Growth

- From 5,414 MT of tea in 1980 to 39,833 MT in 2023-2024
- Projected Market Growth: 41.5% = 58,600 MT by 2029 equivalent to US$ 164.5M in 2029

Key Strategies for Growth

- Branding Rwanda Tea for more profitable direct sales
- Increase diversified and blended teas.
- Import Substitution: $343K

Production & Capacity

Current Production

- Total Annual Production: 39,833 MT of dry tea in 2023- 2024
- 54,957 organized tea farmers
- 19 private-owned operational tea factories.

Expansion & Innovation

- Expansion: establish more 8,335ha
- Yield to increase from 6MT/ha to 8MT/ha
- Quality seedling production with new high yielding clones
- Product diversification targeting national and international market

Beneficiaries & Outcomes

Beneficiaries

- Direct: 85,000 (including out growers and value chain actors).
- Indirect: 195,831.

Outcome

Social-Economic

- Trade Balance: 126% increase in agri-export revenues expected by 2029.
- Increased Income To Farmer: 50% of export price goes to farmer
- Job Creation: 61% increase in off farm jobs by 2029 (PSTA5)

Environmental Impact

- Valorization of unexploited acidic land and Reduction of environmental degradation and improved soil cover.

Investment Case 1: Tea Production and Processing

A. Bottlenecks

- Limited optimization of high potential land for tea production (8,335ha available)
- Low tea leaves production yield (6 t/ha) compared to the global average (8 t/ha)
- Shortage of tea seedlings/ High cost of tea fertilizers
- Insufficient Processing Capacity: **98.3%** tea is exported in raw form (black tea).
  Insufficient processing capacity to absorb projected increase and to produce specialized tea types for domestic and international markets
- Poor roads in key tea production areas

B. Proposed Private Investments: US$ 289 Million

- Increase in Tea production by expanding 8,335 ha through improved use of out growers' scheme for 15,000 farmers.
  US$ 36 million
- Research and innovation centre on improved tea production (yield, improved varieties for consumer preferences) – projected yield increase from 6T/ha to 8T/ha).
  US$ 20 million
- Invest in 150 Million high quality seedlings production.
  US$ 10 million
- Establish TEA BLENDING Facility for value added tea.
  US$ 60 million
- Construction of 1,230 km of feeder roads.
  US$ 163 million

C. Risks And Threats

- Climate change in terms of rainfall, temperature rise and pests
- Small land holding (less than 0.5 ha /HH)
- Price fluctuation on international market
- Use of fire-wood in tea factories /deforestation

D. Mitigation

- Government support to small holder farmers and cooperatives through technical assistance , logistic and services, direct purchase and community empowerment.
- Research on new suitable clones, New tea management practices.
- Search for new direct markets that offer better premiums.
- Establishment of Agrihubs for commercial blocks (consolidated tea plantations) and formulation of Tea Strategy (FAO)
- Strict Government Notification on protection of forest use
- Reforestation and promotion of environment friendly technologies i.e. Introduction of new tea drying technologies i.e energy efficient dryers, computer vision system (CVS and electronic noses (e-noses), variable frequency drivers (VFDs).

Investment Case 1: Tea Production and Processing

Expand Tea Production & Factory & Feeder Roads

Profitability Indicators

Total Investment	US$ 289 Million
Net Present Value (NPV)	US$ 129.7 Million
Internal Rate of Return (IRR)	22.3%

Environmental and socio-economic Performance Indicators

Environment degradation reduced	Perennial crop, soil conservation
Better forest management (use certified forests, the government reforestation programme)	Source firewood from certified forests. adoption of new technologies
Carbon Emissions	3.7 Kg CO2 e/Kg
Use of unexploited agriculture areas Land targeted for Tea Production	Around 17,000 Ha 8,335 Ha
Employment % increased	From 40% to 60%

Government Contribution

- Enabling environment (secondary roads, reforestation, export tax exemption, land mapping & leasing
- Social protection (health insurance, cash & food for work)
- Feeder roads

Investment Case 2: Coffee Production and Processing

Export Market Overview

Export Market

- Average Export Value: $ 90 M (2021-2024)
- Average Export Volumes: 21,387 mt (2020-2024)
- 96% Green and 1 % Roasted Coffee
- 52 Coffee Roaster and 84 Exporters
- 319 Coffee Stations (2025)
- 400,000 Farmers engaged
- Excellent Coffee Score (85-89)
- 39th Largest Exporter

Top Export Destinations

- Switzerland: 23.5%
- USA: 13.8%
- United kingdom: 8.4%
- Sweden: 5%
- Netherlands, Germany, Finland, Pakistan....

Market Growth & Projections

Production Growth

- Fully washed coffee: 81.31%
  Semi washed coffee: 7.14%
  Roasted coffee : 1%
  (NAEB 2023-2024)
- Export value US$78.7M (NAEB 2023-2024)
- 9.3% of Rwanda's Total Export from 21,387MT to 32,000MT in 2029 (PSTA5)

Key Strategies for Growth

- Export value: US$116 million by 2029 (NAEB)
- Expansion of Export value added coffee

Production & Capacity

Current Production

- 42,229 ha under coffee plantation
- Production varies between 20,000MT to 22,000MT/year with peak in even years.

Expansion & Innovation

- Expansion: 500 ha every year to reach 44,729ha in 2029
- Replacement of 10,000 old coffee trees
- Value Addition (Roasting and Product Development)
- Regenerative Farming Practices

Beneficiaries & Outcomes

Beneficiaries

- Direct: 450,000 (on-farms and off-farm).
- Indirect: 200,000

Outcome

Social-Economic

- Trade balance: 126% increase in agri-export revenues expected by 2029
  Increased income to farmer.
- Job creation: 61% increase in off farm jobs by 2029 (PSTA5)

Environmental impact:

New cultivation practices protecting soil and environment

Investment Case 2: Coffee Production and Processing

A. Bottlenecks

- Limited production due to huge percentage of aged coffee trees with limited production)
- Low Yield Per Tree: 1.69kg of cherry/tree compared to attainable yield
- High dependency on primary processed coffee with very limited value added, and diversified/roasted coffee

B. Proposed Private Investment: US$ 300 Million

- Rejuvenation of 10,000 old coffee trees and new coffee expansion of about 10,000 Ha.

  US$100 million

- Research and innovation centre on improved coffee production (yield, improved varieties for consumer preferences) – projected yield increase to 6 kg of cherries/ tree).

  US$70 million

- To upgrade and optimize the coffee roasting facility and capacity in Rwanda. With a capacity of 30kg/batch/minute, with the annual capacity assuming it runs 8 hrs per day for 330 days, is 4,572 MT.

  US$130 million

C. Risks And Threats

- Climate change in terms of rainfall, temperature rise and pests
- Small land (less than 0.5 ha /HH)
- Price fluctuation on international market

D. Mitigation

- Research on new suitable varieties.
  Government is subsidizing the seedling from 50% (2024) to 5% in 2025.
- Establishment of Agrihubs for commercial crops (consolidated coffee plantations)
- Search for new direct markets that offer better premiums

Investment Case 2: Coffee Production and Processing

Expand Coffee Production & Factory & Feeder Roads

Profitability Indicators	
Total Investment over 5 years	US$ 300 Million
Net Present Value (NPV)	US$ 129.7 Million
Internal Rate of Return (IRR)	18.3%

Environmental And Socio-economic Performance Indicators	
Environment degradation reduced	Perennial crop, soil conservation
Practice of conservation agriculture in coffee plantations	To control erosion on the steep cultivated slopes
Carbon Emissions	3.7 Kg CO2 e/Kg
Use of unexploited agriculture areas	Around 3250Ha, out of which 10,000 ha is for coffee expansion .
Employment % increased	From 40% to 60%
Per capita income increase	US$1,065 in 2029

Government Contribution

- Enabling environment (secondary roads, reforestation for agroforestry opportunities and shade grown coffee, export tax exemption, land mapping & leasing
- Social protection (health insurance, cash & food for work)
- Feeder roads

Investment Case 3: Irish Potato

Export Market Overview

Export Market

- Current Export Limited in international market due to high Domestic Demand.
  Potato export stood at 451,MT
  (NAEB report May 2023)

Top Export Destinations

- Democratic Republic of Congo (DRC): 88% of total export estimated at US $43,466)
- Burundi
- Kenya

Market Growth & Projections

Production Growth

- Growing market for early generation seeds (mini-tubers)
- Potatoes represent:
  3.9% of total cultivated land and 9.3% of national agricultural production (NISR 2022).
- Average Consumption: 145 kg per capita per year.

  42% of potato production is sold on the local market.

Production & Capacity

Production

- Total Production Area 114,324 ha in 2023.
- Current Production: 865,013 MT
  Estimated increase by 73.2% in 2029.
- Current average yield is 7.64 MT/ha, projected to reach 14.5 MT/ha by 2029.

Infrastructure & Operations

- RAB has 13 conventional and one aeroponic screenhouses.
- EGSP ltd has 23 screenhouses.
- SPF-Ikigega has one mega-pony of 540,000 mini-tubers per season

Expansion and Innovation

- New high yielding and disease tolerant varieties.
- Expansion in mini-tuber production to meet local and regional demand.
- Potato storage technologies to reduce storage losses.
- New potato products available in the market.

Beneficiaries & Outcomes

Beneficiaries

- Direct: 41,772 potato producers, out growers, processors, etc)
- Indirect: 245,341 + potato value chain actors

Outcome

Socio-Economic

- Increased potato yields - Increased income to farmers

Food Security

- Improved Kcal and protein intake as potato represent 6% of total Kcal production and 4.5 % of total proteins produced

Investment Case 3: Irish Potato Production

A. Bottlenecks

- Current production not meeting the demand.
- Limited quality, quantity and timely access of early generation potato seed.
- Insufficient seed production infrastructure– screenhouses.
- Lack of sufficient standard potato storage facilities.
- Limited local value addition.

B. Proposed Private Investments : 63.8 million

- Investment in early generation seed production (Tissue culture plantlets, mini-tubers and pre-basic seeds)
  $20 million.
- Build a new tissue culture laboratory and a hydroponic screenhouse of 550,000 Mini-tubers per season.
  US$30million.
- Establish improved potato storage facilities (200 Tons)
  US$ 9.6 million
- Establish a potato processing plant to process 10 T/day into chips and potato flour:
  US$ 4.2million.

C. Risks And Threats

- Overuse of fertilizers and pesticides affecting the environment
- High incidence of pests and diseases.
- Land scarcity.
- Climate change.

D. Mitigation

- RAB is working on rapid multiplication techniques like aeroponics and hydroponics.
- MINAGRI and RAB building new partnership with private sector and international research institutions for alternative technologies and for development of new pest and disease resistant varieties.
- Government is encouraging use of traditional storage structures i.e. pits, clamps, ventilated shed. Government is facilitating access to microfinance and revolving funds for farmer cooperatives for collective investment and shared storage.
- Production of new climate tolerant varieties and training local farmers to improve supply chain reliability and product quality.

Investment Case 3: Irish Potato Production

Profitability indicators	
Total Investment in Irish potato	$63.8 Million
Net Present Value (NPV)	$15.9 Million
Internal Rate of Return (IRR)	29%

Environmental Performance Indicators	
Use of sand vs soil sterilization	300,000 cubic meter of wood saved
Use of hydroponics	Reduced pests and diseases
Carbon Emissions	0.31 Kg CO2 e/Kg potato
Climate smart practices	Efficient use of fertilisers, pest and disease resistant varieties

Socio-Economic Performance Indicators	
Potato production	increased
Increased use of improved potato seed	2.95% to 20%

Government Contribution

- Tax exemption of processing machinery.
- Subsidies for agriculture insurance and agri-inputs.
- New land management model (AGRI-HUB/ FOBASI)

Investment Case 4: Pig and Poultry Production

Export Market Overview

Export Market

- Pork Meat Export in 2023: US$9.953,000
  Live pig Export in 2022: US$89,032
- Eggs Export in 2023: US$ 1,578,598

  Chicken meat Export in 2022: US$3.53M

Top Export Destination

- DR Congo Market account for 90% for both eggs and pork meat

Market Growth & Projections

Production Growth

- Poultry population trend showed slight increase 5.2 million in 2017 to 5.5. million in 2021.
- Pig population increased from 1.4 Million in 2018 to 1.5 Million in 2021 (PSTA4).
- Egg per capita Consumption; from 1.4kg (2023) to 2.3kg (2029)

Production & Capacity

Current Production & Target

- Egg: From 17,334 MT to 21,680MT
- Pork Meat: from 25,839 MT to 29,934 MT.
  Poultry meat from 55,398 MT to 65,950 MT (PSTA5)

Infrastructure

- 3 Large Layer Hatcheries
- 4 Poultry Model Farms

Current Production & Target

- New hatcheries to be established in the selected districts
- New breeds in pigs and poultry
- Zipline drones for timely swine semen distribution
- New Feed Technology: hydroponic wheat fodder, insect farming for protein production

Beneficiaries & Outcomes

Beneficiaries

- Direct: 123,000 & 69,953 pig & poultry farmers
- Indirect: 339,304 & 311,365 poor local communities.

Outcome

Socio-Economic

- Poverty reduction/increased Household's income
- Contribution to trade balance

Environment

- Availability of organic manure for agriculture.
- Nutrient Recycling.

Food security

- Reduction of stunting with one egg per day per child program
- Improved diet

Investment Case 4: Pig and Poultry Production

A. Bottlenecks

- Unavailability of one day old chicks. Dependence on imports; No layer hatchery in HiH districts
- Sow heat is short, thus requiring timely insemination
- Limited access to animal health extension services including vaccines, medical products
- High cost of animal feeds and competition with human consumption
- Limited processing facilities (slaughter houses)

B. Proposed Private Investments: US$169.8 Million

- Establish Commercial Layer chicken hatchery and a genetic improvement farm.
  $ 59.9 million.
- Establish Animal Hub (model) farm 1 each for poultry and pig production, providing basic animal production services including swine sperm delivery by drones, animal health including access to vaccines, capacity support.
  $ 51.1 million.
- Animal Feed production facility with innovative raw materials and poultry & pig feed storage.
  $ 39.8 million.
- Construct and equip at least 10 slaughter houses.
  $ 19 million.

C. Risks and threats

- Increase in GHG emissions (Livestock is the first contributor to GHG emissions from Agriculture)
- Production loss due to diseases

D. Mitigation

- Smaller scale and community-based layer poultry model farms. Promote climate smart animal feed (e.g. insects, Hydroponic wheat fodder etc.)
- Feed efficiency by breeding pigs that grow faster and produce lower emissions
- Optimize feed intake and ratio according to animal's age, weight and breed.
- Make veterinary products available in all districts
- Strengthen the skills of workers in small stock health management

Investment Case 4: Pig and Poultry Production

Profitability indicators	
Total Investment pigs and poultry	$169.8 Million
Net Present Value (NPV)	$126.9 Million
Internal Rate of Return (IRR)	27%

Type of Livestock	kg CO2eq / kg of proteins
Emission intensity (Chicken)	18.5
Emission intensity (Pigs)	45

Socio-Economic Performance Indicators	
Increased income per capita	US$ 1,040
Increase per capita consumption egg	1.4 Kg to 2.3Kg

Government Contribution

- Business facilitation
- Social Protection
- Animal health protection/Vaccines and technicians through veterinary service mandate approach.

Investment Case 5: Avocado and Chilli

Export Market Overview

Export Market

Avocado:
Export stood at 6,151 MT in 2023/24 value of US$ 8,377,083 (NAEB)

Chilli:
Export stood at 6,945 MT in 2023/24 value of US$ 5,384,549 (NAEB)

Top Export Destinations

Avocado:

17.2% to UAE

7.6% to DRC

Chilli: UK, Germany, Italy, the Netherlands, China, and India

Market Growth & Projections

Production Growth

Avocado: Export increase by US$ 12,964,506 in 2029 (PSTA5)

Chilli: Exported Volume: 31,464 MT with a value of US$ US$ 48,135,192 in 2029 (PSTA5)

Key Strategies for Growth

- Development of Gabiro and Gako Agri-hubs for large scale investment
- Increasing skills of producers and exporters to meet the required standards

Production & Capacity

Projected Production

Avocado: From 6,151MT to 14,975MT in 2029. (PSTA5)

Chilli: From 6,945 MT to 31,464 MT in 2029. (PSTA 5).

Expansion & Innovation

- Expansion to new avocado and chili plantation areas.
- High Quality planting materials production and development of new varieties
- Reduce transport cost using sea transportation for avocado
- Promoting chilli production in screen houses
- Chilli and avocado field certification
- Increase chilli Value addition for product diversification

Beneficiaries & Outcomes

Beneficiaries

- Direct: 37,190 for avocado (including producers, processors and exporters)
- Indirect: 87,880.

Outcome

Social-Economic

- Trade Balance: 126% increase in agri-export revenues by 2029; Increased income to farmer; Job creation: 61% increase in off farm jobs by 2029 (PSTA5)

Environmental Impact

- Avocado plantations will have a positive impact on the environment. Reduction of emissions from Agriculture

Investment Case 5: Avocado and Chilli

A. Bottlenecks

- Limited production not meeting the current and potential market demand in Asia, US and EU.
- Limited capacity to produce locally high-quality planting materials,
  Reliance on importation
- Limited “chili” production;
  Under protected agriculture system;
  Limiting export to EU
- Limited export logistics, including high dependency on airfreight;
  Currently no export through sea for fresh commodities.

B. Proposed Private Investments: US$ 222.3 Milli

- Investment in avocado production and infrastructure on 2,533 ha by 2029 with a target export value US$ 12,964,506 .
  US$ 8.5 million
- Investment in Chilli production 3,129 ha by 2029 with a target export value of US$ 48 million.
  US$ 45.3 million
- Investment in high quality Chilli seed production.
  US$. 30million
- Investment in the protected agriculture infrastructures especially for chili (to be exported as fresh).
  US$ 34 million
- Investment in sea transportation/logistics for avocado and chili.
  US$. 104.5 million

C. Risks And Threats

- Stringent export requirements in some countries.
- Land scarcity
- Climate change
- Pest and disease particularly the chili virus
- Long period before effective production for avocado

D. Mitigation

- Capacity building of exporters
- Production in orchards on consolidated land such as Gabiro Agrihub with irrigation facility.
- Strengthen pest monitoring and control of restricted diseases to avoid rejections at export.
- Promote flexible financing mechanisms taking in consideration production cycles. (paying at harvest)

Investment Case 5: Avocado and Chili

Profitability Indicators

	Avocado	Chili
Total Investment in production and export	$113Million	US$109.3 Million
Net Present Value (NPV) (50ha)	US$3.4million	US$5.4 million
Net present value export	US$1,2million	US$1.08 million
Average Internal Rate of Return (IRR)	19% (NAEB)	18% (NAEB)

Environmental Performance Indicators

Increase in perennial crops	2,533 ha of avocado orchards
Reduced soil erosion	Avocado thrive in deep, fertile, well-drained sandy or alluvial loams with a slightly acidic to neutral pH (5–7).
Climate smart practices	Green houses, mulching avocado plantation and irrigation

Socio-economic Performance Indicators

New jobs resulting from the avocado and chili value chains from plantation to export	300 jobs for youth in Avocado
Improved Nutrition due to Avocado	Organic
Average per capita increase	US$ 850

Government Contribution

- The Government has introduced a new land Management model that consolidates fragmented plots to enable efficient production of both staple and cash crops
- Incentives for exports i.e export subsidy

Rwanda Investment Plan Summary

Hand-in-Hand Initiative

Total Investment	Overall Average IRR	Direct Beneficiaries	Indirect Beneficiaries	Income Increase Per Capita	Emissions Reduction/Year* (in process)
US$1,044m GOR: US$156M Private : US$887.4M	22.2%	772,725 People	1,326,841 People	US$1,016	

01 Tea Production Cost (US$) 289 M

- NPV: $129.7 M
- IRR: 22.3%

Sustainability benefits

- Direct & Indirect Beneficiaries 85,000 & 195,831
- Income Increase Per Capita US$1,065
- Emission Reduction (in process)

02 Pig and Poultry Cost (US$): 169.8m

- NPV: $126.9 M
- IRR: 27%

Sustainability benefits

- Direct & Indirect Beneficiaries 192,953 & 650,669
- Income Increase Per Capita US$927.6
- Emission Reduction (in process)

03 Coffee Production And Processing (US$) 300M

- NPV: $129.7 M
- IRR: 18 %

Sustainability benefits

- Direct & Indirect Beneficiaries 85,000 & 195,831
- Income Increase Per Capita US$1,065
- Emission Reduction (in process)

04 Irish Potato Cost (US$). 63.8 M

- NPV: 15.29
- IRR: 29%

Sustainability benefits

- Direct & Indirect Beneficiaries 85,000 & 195,831
- Income Increase Per Capita US$567
- Emission Reduction (in process)

05 Avocado: 113M And Chili: 109.3m

- NPV Avocado: 3.4 Million
- NPV Chili: 5.5 M
- IRR Avocado: 19%
IRR Chili: 18%

Sustainability benefits

- Direct & Indirect Beneficiaries 85,000 & 195,831
- Income Increase Per Capita US$ 850
- Emission Reduction (in process)

***ExACT Analysis is in progress to estimate and track the outcomes of agricultural interventions on GHG emissions.**