

THE RWANDA OPPORTUNITY



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Rwanda at a glance





Population size 13 million



Official languages Kinyarwanda, French, English, Swahili



Govt. & Parliament Presidential republic Bicameral parliament





Literacy/Unemployment 73%/ 21.1%



GDP (10 yr growth) USD 11.1 bn



Currency/exchange rate Rwanda Francs (RWF) ~RWF 1033/USD¹



Ratings B - Fitch B+ "stable" - S&P

Rwanda is on the right path to development ...













... fast growing

6th fastest growing economy in Africa (7.5% p.a. since 2007)

Most improved nation in human development in the world

Young and growing population (~70% of population under 30) ... low risk

6th safest country in the World for Solo travelers

Lowest debt ratio in region & stable credit ratings

Stable currency

... business friendly

2nd for doing business in Africa¹

1st for Government transparency in Africa

Most women in Parliament and in a gender-balanced Cabinet in the world (respectively 61% and 52%) ... a regional platform

Strong African hub potential; highly connected African airline

2nd MICE ranking in Africa; +19 ranks in 4 years

Growing bilingual, educated workforce (23k tertiary & 42k TVET grad/yr) ... IT ready

1st in the EAC for network readiness

5th in Africa

95% 4G LTE network coverage; 7,000km fibre

Progressive technology governance environment

1. Doing Business 2020

Rwanda started an economic Transformation Journey

Goal: Transformation to a High Income Economy

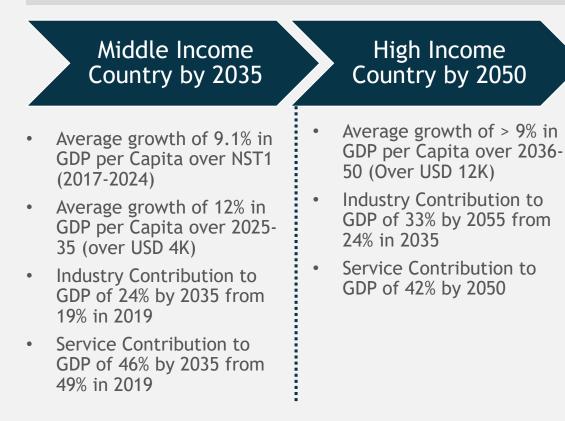
Approach: Regional Hub



"We don't want to be a status quo country or status quo people. Vision 2020 was about what we had to do in order to survive and regain our dignity. But Vision 2050 has to be about the future we choose, because we can, and because we deserve it." H.E. President Paul Kagame

The transformation journey has led the country to set ambitious targets

Rwanda has an ambitious view of the future



...and high expectations were set to achieve that vision

7Years National Strategies for transformation (NST1) was developed with different pillars including:

- Promote industrialization and attain a structural shift in the export base to High-value goods and services.
- Modernize and increase productivity of Agriculture and livestock
- Establish Rwanda as a Globally Competitive Knowledge-based Economy
- Accelerate Sustainable Urbanization from 18.4% (2016/17) to 35% by 2024
- Position Rwanda as a hub for financial services to promote investments

NST1 is underpinned by sectoral strategies in key economic sectors

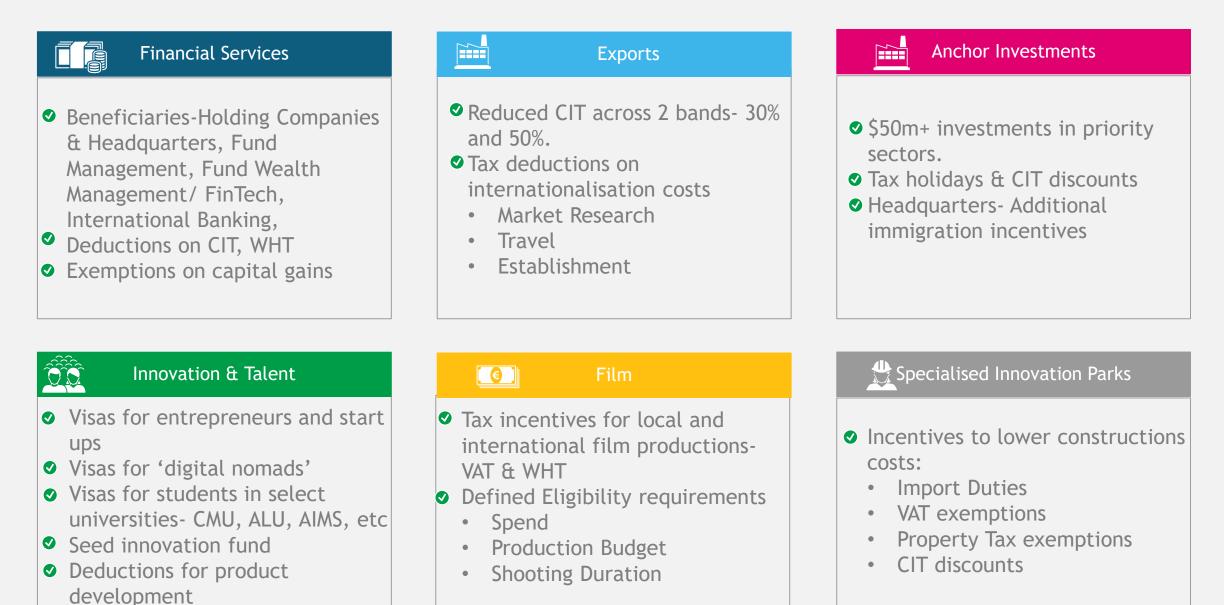
RWANDA A GREAT PLACE TO DO BUSINESS

Rwanda has created an enabling INVESTMENT ENVIRONMENT...

		- Internet Aller	
Business friendly regulation	Multiple incentives for exporters & priority sectors	Efficient, supported processes	Commitment to foreign ownership
 #2 in Africa for Ease of Doing Business¹ and Global Competitiveness² 7 year Corp. income tax (CIT) holiday for investors investing more than \$50M in the country Business environment assessed annually resulting in new investor-friendly reforms each year 	 Preferential CIT rate: 15% if 50% of production exported outside EAC or for priority sectors³ - 0% tax if regional HQ in Rwanda Accelerated first year depreciation rate of 50%⁴ Exemption of capital gains Duty-free imports of machinery & inputs⁵ within EAC 	 Highly digitalized and efficient administration (6 hours to register a business) Free business registration One-stop center for investors with dedicated investment acceleration and aftercare team 	 No restrictions on foreign ownership No restrictions on capital flows Capital gains exemption on sale or transfer of shares

1. 2020 World Bank Doing Business ranking 2. WEF ranking 3. Energy, transport of goods and passengers, ICT, financial services, affordable housing, or any other priority economic sectors determined by the Ministry of Finance 4. Subject to investing USD 50k in business assets; 5. In accordance with EAC customs reg. Source: RDB Investors Presentation

Priority sectors incentivised under the new investment code



Angel investors

...and has become a Growing International Financial Hub



Consolidate all pan-African **financial transactions** in Rwanda

- <5 days to open a bank account, inperson or remotely
- Open banking system with accounts in foreign currency and no restriction on profit repatriation
- Multiple legal structures to set up a business, with competitive tax incentives (e.g. Trust, Foundation, Holding Company, etc.)



Domicile a pan-African **investment entity** in Rwanda

- Rwandan government aims to have the largest number of double taxation avoidance agreements (DTAA) in Africa (e.g. Morocco, Mauritius, South Africa, Belgium, Qatar, Singapore, etc.)
- Access to a large community of investors (i.e. partners and members of Kigali International Financial Center)



Launch a financial institution or fin-tech company in Rwanda

- Access to a comprehensive and diversified license options
- <6 months to secure licenses to operate in Rwanda
- KIFC ecosystem aims to develop partnerships with financial centers in Africa and beyond (e.g. Morocco, Qatar, Luxembourg, Singapore, etc.)

Kigali International Financial Centre (KIFC) connects businesses to investors seeking opportunities across Africa

RWANDA KEY INVESTMENT DRIVERS

Rwanda is committed to pan-African integration and plays an active role on key regional and global initiatives

Active service at the regional and international levels...



Under Pres. Kagame's Chairmanship of the AU, African countries signed the Continental Free Trade Area Act

Pres. Kagame was also appointed by his peers to lead the Africa Union institutional reforms process Rwanda is a contributor to peace & prosperity globally...

The New York Times

Rwanda Offers to Host African Migrants Stranded in Libya

Third group of refugees evacuated to Rwanda from Libya with UNHCR support

25 November 2019 | Excelut 1 Français 1 June

Rwanda is also among the top five United Nations troop and police contributing countries in international peacekeeping missions

Paul Kagame, President of Rwanda

- Co-Chair of the UN Broadband Commission for Sustainable
 Development
- Chairperson of the NEPAD-African Union Development Agency
- Fmr. Co-Chair Millennium Development Goals Advocacy Group

...and a host of major international events













In addition, Rwanda has access to African and global markets through robust free trade agreements

Regional agreements



Intercontinental agreements



Everything but Arms agreement European Union





COMESA free trade agreement Common Market for Eastern and Southern Africa

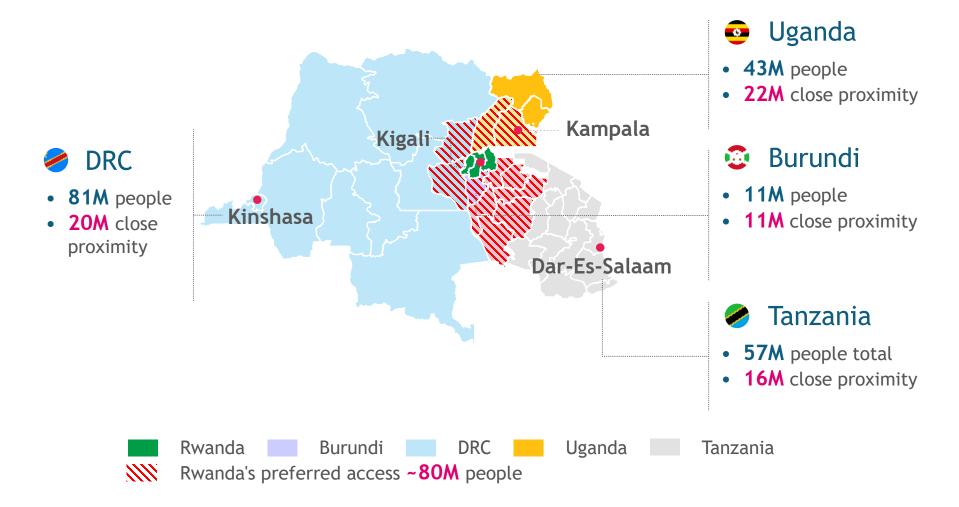
> Population 492 M

GDP² \$ 682 Bn

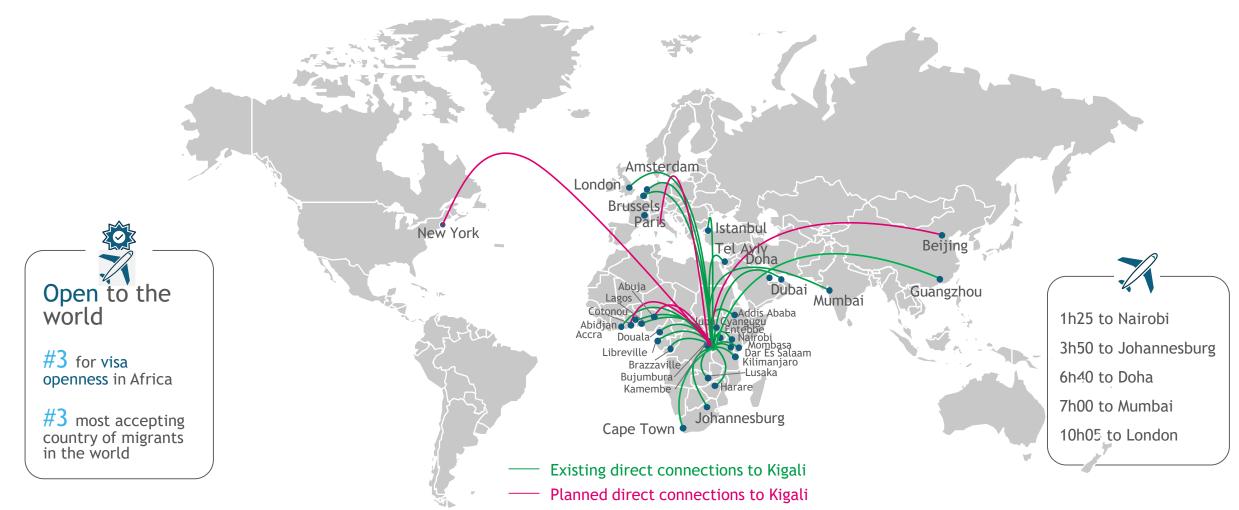


Africa continental Free trade area agreement- 1.3 bn market

...and, as a regional platform, is **UNIQUELY POSITIONED** to serve its neighboring markets...



Rwanda is increasingly **OPEN & CONNECTED** to the world



A selection of companies have chosen *Rwanda!*



Investment Opportunities



RWANDA TECHNOLOGY AND INNOVATION

Rwanda has created an enabling LOCAL AND AFRICAN TALENT...

50K Higher education graduates each year

Of those, ~2,000 graduates in ICT

Host to 4 of the continent's top STEM1 higher learning institutions





~1M Rwandans fluent in English²

~750k Rwandans fluent in French

~400k Rwandans bilingual (EN/FR) ...and the NEXT GENERATION is coming!



70% Rwandan population under 30 years of age

1. Science, technology, engineering, and mathematics

2. Source: Rwanda Population and Housing Census, 2012



... Local and foreign innovators are choosing Rwanda to test, launch and scale



- Launched vehicle assembly plant in 2018
- Testing mobility solutions for Africa including ridehailing & car sharing
- Now piloting electric cars



Mass-market electric motorbikes and charge stations



Intelligent aerial imagery for agriculture, health, construction, etc



Digital health service provider (incl. Al medical agent)

The Kigali Innovation City



KIC is home to a competitive and world-class diverse talent pool from all over Africa

Institution

Programs in	Rwanda
-------------	--------

- Master's in Machine Intelligence (in partnership with Facebook and Google)
- Master's in Mathematical Sciences
- African Institute for Mathematical Sciences
- Master's in Mathematical Sciences Climate Science Stream
 - Carnegie Mellon University

AIMS

- Master of Science in Engineering Artificial Intelligence (MS EAI)
- Master of Science in Electrical and Computer Engineering (MS) ECE)
- Master of Science in Information Technology (MSIT)

Carnegie Mellon University -Africa

African Leadership

University

- BsC in Computer Science (CS)
- BsC in Entrepreneurial Leadership
- Masters in Business Administration General Track
- Masters in Business Administration Wildlife Conservation



New regional program that will introduce graduate programs in Biomedical Engineering, E-health and Rehabilitation Sciences to be launched in 2022

Traction and Impact

- ~ 280 students trained in Rwanda from 26 African countries since 2016; 38%]female
- Over 2,200 alumni across AIMS network from 43 African countries
- ~ 250 students enrolled annually; 25-30% female. Total enrollment to grow to 400 annually over the next years
- 328 alumni from 15 African countries
- >\$2 Million in research funding sourced for projects in cybersecurity, IoT, Drone technology, Agriculture, Education
- ~1,000 students enrolled in the undergraduate program; expected to grow to 4,000 with new campus
- 19% of the class enrolled in Computer Science
- First graduating class in 2021; 210 alumni from Rwanda campus including 53 CS graduates
- Program to be launched in 2022
- ~180 students to be trained annually

University of Rwanda - Centre for Biomedical Engineering and E-health

Kigali Innovation City (KIC)

Total Project Size -USD 300 M Equity - USD 100 M

Equity Investment in HoldCo

Scope and objectives

Required

Investments

- A 61-hectare mixed-use development core to building Rwanda as a pan-African knowledge economy. KIC will integrate university campuses, Grade A and incubator office spaces, research and development facilities, support residential (e.g., student housing), science and technology museum and retail and hospitality
- Existing community of highly-skilled students from > 40 African countries represented in the anchor tenants
- 200,000 SQM GFA mixed-use development for Grade A offices and R&D facilities; Student Housing; Other Residential facilities apartments, townhouses / villas; Retail Facilities; Cultural Assets
- Delivery models include:
 - Equity investor alongside the project sponsors (GoR and Africa50) at holding company level
 - Sub-developer and/operator of certain real asset classes through purchasing or leasing land

Completed Milestones

- **3 anchor tenants operational** incl. Carnegie Mellon University Africa with 1,000+ population
- Project company holdco established by project sponsors (GoR and Africa50)
- Project development activities are ongoing including design and build of **first mixed-use building** to be completed in 2024. Anchor tenant identified
- Completed masterplan and infrastructure financial close; infrastructure build to start in Q1 2023
- Hired HoldCo CEO with 20+ years global real estate experience
- Strong Government commitment including attractive tax incentives secured



RWANDA MANUFACTURING

The manufacturing space holds several investment opportunities

Agro-Processing

- **Staple foods** (maize, rice, sugar, oils)
- Meat products (beef, chicken)
- **Dairy** (milk & related products)

Light Manufacturing

- Soaps
- Pesticides
- Garments
- Wood
- Pharmaceuticals

Construction Materials

- Cement & tiles
- Metals (iron, steel, aluminum)
- Plastics
- Paints

Cross-Cutting Enablers

- Paper packaging
- Plastic packaging
- Glass bottles & containers

GoR seeks to support the domestic private sector in order to realize commercially viable investments

Glass Manufacturing Plant

Float Glass -USD \$150 Million Container Glass -USD \$ 85 Million

> Build, Own and Operate

Scope and Objectives

Investment

required

• The project scope is manufacturing of container or float glass whole value chain from designing to the final product. The feasibility study proved that there is sufficient aw materials and market

Financial Indicators	Container glass	Float glass
Total Investment	USD \$ 85 Million	USD \$ 150 Million
IRR	29. 4%	20.8%
NPV	USD \$ 31.8 Million	USD \$ 41.8 Million
Payback period	5 years and 3 months	8 years 4 months

Completed Milestones • Feasibility study already completed including assessment of available raw materials

	Raw material	Available Quantity (Million)
1	SAND	→ 73 MT & Annual Cons. 0.11MT
2	LIMESTONE	
3	SODA ASH	To be imported
4	DOLOMITE	2.4 MT & Annual Cons.0.02MT
6	FELDSPAR	To be imported & Annual cons 0.05 M
6	SLATCAKE	To be imported& Annual Cons.0.012

Raw materials for glass are available in viable quantities



Preliminary deposit

quantities

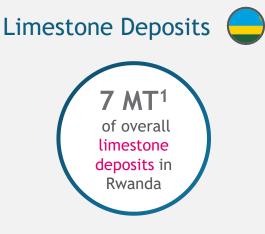
First sample in Kirehe deposit showed promising silica content (~98.9%)

Kigali sand price / tonne: \$9-11 / t

Soda Ash Sourcing 😩 🖊 303 kt² of yearly production in Kenya

Largest regional producer -Tata Chemicals Kenya

 Price⁴: \$235-250 / ton for export (27-30 t / container shipped)



Deposits primarily in Northern (Rulindo, Burera, Musanze and Western Province (Karongi & Rusizi)

70% of raw	15% of raw	10% of raw	+ 5% cullet/
material inputs	material inputs	material inputs	other inputs

Notes: 1. mega tonnes (1,000,000 metric tons) RNRA Study; 2. kilotonnes; 3. depending on product grade; 4. according to market research Sources: RNRA; CEIC; Market research; Company Proposals; RDB Analysis, Limestone Report Prepared by RMB

Price³: \$250-340 / t

RWANDA Agribusiness

Gako Beef Project

USD \$63 Million

Equity Investment in existing investment vehicle

- Cutting edge technology
- Superior finishes
- Concierge services
- Adequate parking

Scope and objectives

- An integrated operation including livestock farming and meat processing facility on 5,919 ha of serviced
- The project is one of the government interventions to modernize the agriculture industry and develop products for domestic consumption and export
- USD\$63 Million investment into the following business lines:
 - Beef farming

Required Investments

- Feedlot
- Feed mill
- Abattoir
- Tannery
- Infield irrigation for fodder production

Completed Milestones

- Feasibility study completed
- Project company setup
- Farm master plan completed

Gako Beef project presents different investment opportunities



Investment Area

Description

Investment Area

Description

Farm



Feedlot



Feed Mil



Cattle restocking a total of 14,849 cows for breeding

- 6,500 beef cattle to be added
- Estimated investment: \$6.8M

✓ Estimated investment:

Proposed capacity:

60 tons of feeds/hour

Gako and out-growers

Raw materials: Sourced from

Estimated investment: \$10M

year: 56,154

\$2.5M

•

Cattle to be fattened per

Slaughtering houses



Tannery



Infield irrigation



Proposed capacity: 86,400 cattle/year (300 cattle/day)

- ✓ Estimated Investment: \$14.8M
- Initially process hides up to wetblue
- Highly linked with planned
 Bugesera Tannery Park
- Potential for export
- Estimated investment: \$6M
- Fodder production
- Grains for animal feeds
- Total area to be irrigated: 1,341ha
- Estimated investment: \$12.8M 29
- 29

Gabiro Agribusiness Hub

~ 73.8 M USD

Investment model Joint Venture Scope and objectives

Development of fully irrigated commercial farm and agribusiness hub to be available through lease for farming investors. The project aims to develop 15,600 hectares of irrigated land. The phase one (5,600 Ha) is being developed by the GoR(90%) and Netafim(10%). The phase one will be completed in 2022.

Crops: citrus, avocado, tomato, soy, maize, livestock

Financial aspects

Revenue generation and projected profit

Revenue will be generated from land lease and sale of water, agriculture inputs and services; Plots will be leased in 200ha increments

- > 93% land utilization (even in hilly topography) at project completion
- Higher yield (x 2-5) & > 60% decrease in water use
- 100K MT of maize and high value crops will be produced in Rwanda p.a.

	Phase 1 (5,600 Ha)
PBP	9 Years
IRR	12%
nvestment requir	ed for phase 1

• USD 73.8 M

Technical aspects

- Feasibility study done in 2019 with key findings, including risks and mitigation plan is available upon request
- Phase 1 is ongoing with expected completion in 2022

ongoing activities at the Gabiro site



Demo Dairy at completion stage



Demo Farm



Excavation and backfill pool1



Reservoir



Greenhouse and training room



Logistic yards

RWANDA Tourism

Green Leisure Park (Volcanoes Experiential Centre)

~\$43M Estimated for the Development

Financial model to be confirmed through negotiations

l	Background and objectives	 The project has been proposed in line with the vision: To continue champion biodiversity conservation To ensure the sustainability of conservation initiatives, and e visitors' experience To ensure communities living near the park continue to benefit tourism revenues 	
	Features of the project	 Opportunity details: GLP will be implemented on 15ha of land surroundings of the the Volcanoes National Park for the promote Rwanda conservation-based tourism. It will include the following components among others: Law Enforcement Centre A state-of- the-art Research and Veterinary Centre An enlightening Conservation Museum Kwita Izina Amphitheatre and conference facilities Visitor Centre; and Administration office Investment required Land is available and is Government owned. The project is purely designed for conservation, education sustainability tourism, supporting the protection of the more gorillas. The development of green lesiure park project will cost US\$43M. 	tion of g main
	Technical aspects	• Environmental Impact Analysis is available. The project master pla detailed architectural designs have been developed.	

VOLCANOES NATIONAL PARK EXPERIENTIAL CENTER, RWANDA



All Areas

Visitor Centre

Gardens

Sculpture Trail

Water features

Parking

Video

The masterian layout details shown are for indicative papeae only and may change at any time in accordance with the final designs of the project regulatory approvals and planning permissions.

A selection of prime Kivu Belt investment opportunities



5* Golf Resort& Residential Villas

~\$50-80M Estimated for the Development

> Financial model to be confirmed through negotiations

Scope and objectives

Investment Features

Technical aspects Development of a deluxe Resort with approx. 60-100 rooms at a 5star level and 30-40 residential villas set nearby and managed by the hotel. This development will be a favourite addition to tourists visiting Nyungwe National Park, Gishwati-Mukura National Park and Volcanoes National Park wishing to extend their stay in Rwanda.

Opportunity details

- The golf course and residential villas will be developed on 200 hectares public and private owned. Access of the site is by water and road. Road needs improvement and the electricity can be connected too.
- Beside the 18-hole golf course facilities that should be designed at championship level in order to attract experienced golf players, a residential complex will be developed imbedded in the beautiful surrounding of the golf grounds. The products offered are: second home, (villas/apartments)
- The facility will also provide high level culinary experiences and F&B outlets plus conference facilities

Investment required

- The development golf course and residential complex cost is in the range of US\$50 -US\$80M. The hotel will include among others 100 rooms, conference facilities, Amphitheatre, Tennis court, Miniature Golf, Kids playground, Botanical garden, helipad etc.
- In-depth Environmental Impact Analysis to be completed by investor(s). RDB to support with any additional information

Karongi Lakeside Resort

~\$40M Estimated for the Hotel Construction

Delivery model to be confirmed through negotiations Scope and objectives

Investment Features Development of a Deluxe resort(4-5*) on available 3.4Ha on the shores of lake Kivu.

Opportunity Details

- The resort is at the heart of Karongi city in close proximity to the business centre and opposite the Environment Museum. The deluxe resort will attract high-end customers and close a gap in the Karongi hospitality offering, with 60-100 rooms and typical resort facilities such as spa & wellness, gym.
- The Resort will be developed on 3.4Ha currently owned by the Government. In addition to the revenues from accommodation, conference and events services, the hotel can generate revenues from water sports/activities such as sailing, jet skiing, pleasure cruising & night fishing.

Investment Required

Construction cost estimated to be ~\$40M.

Technical aspects

• In-depth Environmental Impact Analysis to be completed by investor(s). RDB to support with any additional information

Hot Springs Eco Resort

~\$40M Estimated for the Hotel Construction

Financial model to be confirmed through negotiations Scope and objectives

Investment Features Development of a hot springs resort on a peninsula to encompass spa & wellness facilities and services to cater to high-end international customers passing through Rubavu for tourist activities (Volcanoes National Park & Gorilla Tours)

Opportunity Details

- The resort will take advantage of natural hot springs on site to create a unique experience for visitors.
- The Resort will be developed on 12.5 ha of land on the shores of lake kivu. The land is owned by the Government.
- The site is located approx. 1hour from the Volcanoes National Park(Generally high end tourists who visit Gorillas spend on average \$6,600 per trip of 4 days)
- The resort is in close proximity with Goma (a city in DRC with about 2 million residents)

Investment Required

• Construction cost estimated to be ~\$40M.

Technical aspects • In-depth Environmental Impact Analysis to be completed by investor(s). RDB to support with any additional information

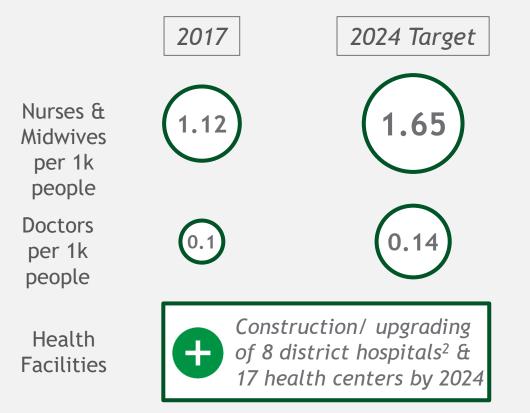
Rwanda has strong health structure starting point....

Rwanda's health system covers 12 M people with a multi-layered administrative structure ranging from the national to the village level, overseen by the Ministry of Health & Rwanda Biomedical Centre

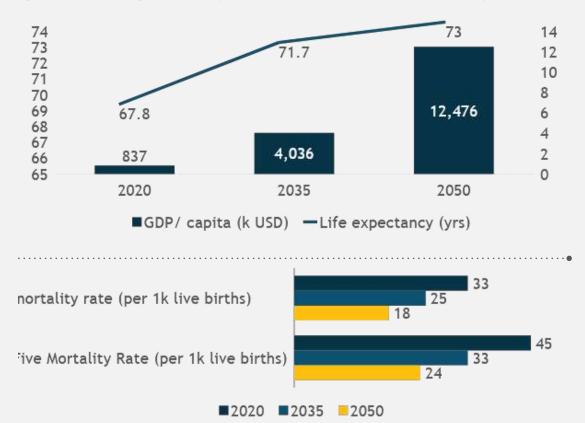
National	Private	District	Sector	Cell	Prison	Village
12 National Hospitals (general, specialized & teaching)	149 Private Clinics	42 District Hospitals	509 Health Centers	885 Health Posts	18 Prison Clinics	52,000 Community Health Workers
Republic of Ru Ministry of Hea	• Facilitates		evels	Rwanda Biomedical Centre	• Ensures availa	t improves search activities ability & supply of aedical supplies

.... With ambitions targets

By 2024, Rwanda plans to recruit significantly more qualified healthcare personnel...



...targeting improved healthcare outcomes with a higher life expectancy and lower child mortality rates



Notes: 1. per 1000 people; 2. districts of Ruhengeri, Munini, Byumba, Nyabikenke Masaka, Gatunda, Gatonde and Muhororo Source: Rwanda NST1, Vision 2050

Rwanda has many Opportunities in Health Sector

	Area of investment	How to invest	Enablers
1	Imaging clinics	 Build and / or operate standalone or integrated hospital clinics Equipment likely to include MRI, CT, PET scanners 	 Access to medical tourists High level of unmet demand, particularly for PET, MRI, CT
2	Equipment manufacturing	 Develop imaging manufacturing capabilities Build manufacturing facilities for medical implants and prostheses Build oxygen supply plants 	 Large, young eager to learn workforce Low labour costs High demand locally and regionally Aligns with Government industrial strategy, providing support Proven profitable model Tax breaks for manufactured goods
3	Medical consumables Manufacturing	 Construct Medical Consumable manufacturing plants • 	Huge market (80 million people in close proximity to Rwanda) Issues with current supply Supportive government policy Possible favorable cargo shipping contracts with Rwandair

RDB RWANDA DEVELOPMENT BOARD

THANK YOU

www.rdb.rw