

Session 2: Promoting climate innovation and partnership for transition towards a deep decarbonization of society

“JCM Projects in Kenya”

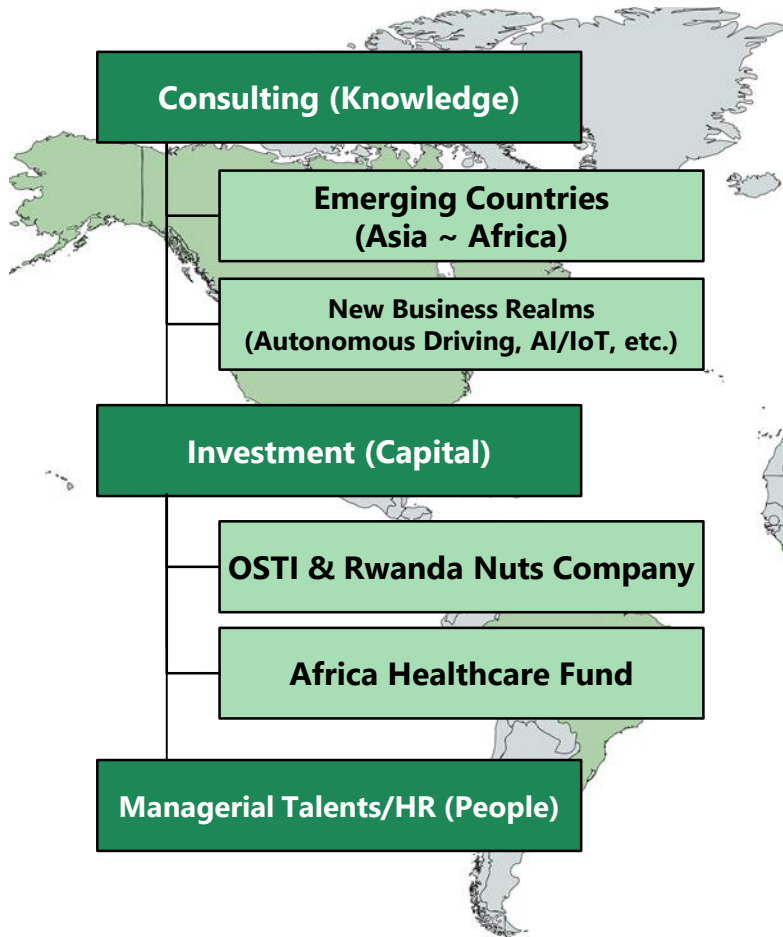
Hiroki Ishida
Director
AAIC Partners Africa Limited (Kenya)



AAIC, a consulting and investment company actively working on Africa

Specializes in supporting Japanese companies in their global expansion strategies starting from emerging countries.

Areas of Expertise



Extensive Network



Building on 3 key pillars of knowledge, capital and people, we aim to take on new challenges and create value in emerging countries by adopting global perspectives.

Two projects applied by AAIC were selected in the first selection of JCM for FY 2022

Projects Selected in the First Selection for FY2022

No.	Partner Country	Representative Participant	Project Title	Expected GHG Emission Reductions (tCO2/year)
1	Kenya	AAIC Japan Co., Ltd	Introduction of 3.1MW Rooftop Solar Power System to Food Processing Facilities	2,454
2	Kenya	AAIC Japan Co., Ltd	Introduction of 2.3MW Rooftop Solar Power System to Hatchery, Meat Processing and Battery Facilities	1,735
3	Vietnam	eREX Co.,Ltd.	20MW Biomass Power Plant Project in Hau Giang Province	36,814
4	Vietnam	Kanematsu KGK Corp.	16MW Mini Hydro Power Plant Project in Binh Thuan Province	16,910
12	Thailand	Marubeni Corporation	Energy Supply Project by 1MW Rooftop Solar Power System to Metal Recycling and Automotive Parts Factories	403
13	Philippines	JGC Corporation	28MW Binary Power Generation Project at Mahanagdong Geothermal Power Plant	76,220
14	Philippines	Toyota Tsusho Corporation	14.5MW Mini Hydro Power Plant Project in Siguil River in Mindanao	47,349
15	Philippines	Marubeni Corporation	Energy Supply Project by 9MW Solar Power System to Ceramic Factory and Cement Plant	5,957
16	Philippines	Tokyo Century Corporation	Introduction of 0.8MW Solar Power System to Aluminum Products, Packaging Materials and Automotive Parts Factories (JCM Eco Lease Scheme)	544

They were the only projects in Africa out of 16 projects globally

One of the largest millers in East Africa with a heritage of over a century



The brands you know and love.

For more than 113 years, we continue to #FeedTheNation with passion—having fun and staying true to our values.

OUR PORTFOLIO



Company Profile

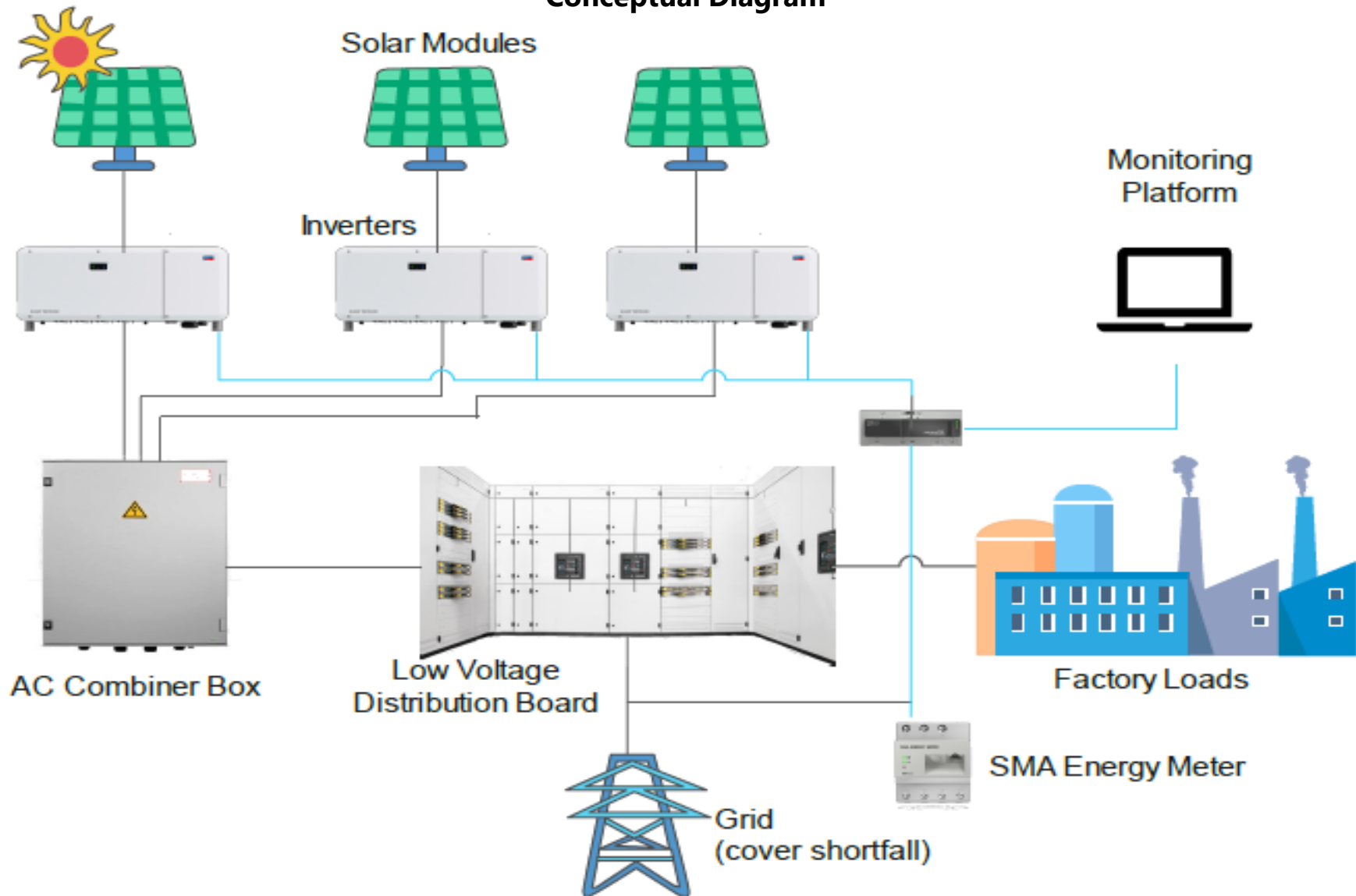
- UNGA Group Plc is a Kenya-based holding company that has a majority shareholding in companies involved with the manufacture and marketing of a broad range of human nutrition, animal nutrition, and animal health products.
- Unga Limited is an affiliate company of Unga Holdings and is one of the largest millers in East Africa with a heritage of over a century in grain milling.
- Unga Farm Care (EA) Limited is the region’s leading manufacturer and marketer of a broad range of quality animal nutrition and health products.

Company	Unga Group Plc, Unga Holdings Limited, Unga Limited, Unga Farm Care (EA) Limited
Address	Commercial Street Nairobi, Kenya
Business	<p>The Company operates through two segments: human nutrition, and animal nutrition and health.</p> <ul style="list-style-type: none"> - The human nutrition products range from wheat flour to maize meal, porridge, pulses and rice. - The animal nutrition and health portfolio includes livestock feeds, cattle minerals, customer-specific formulations, feed concentrates, acaricides, dewormers, vaccines, antibiotics, and analytical services.
Staff	400 (Unga Group Plc)
Revenue	KES 17.8 Bn: approx. USD 147.5 M (2021)
Market Cap.	KES 2.2 Bn: approx. USD 18 Mn (2021)



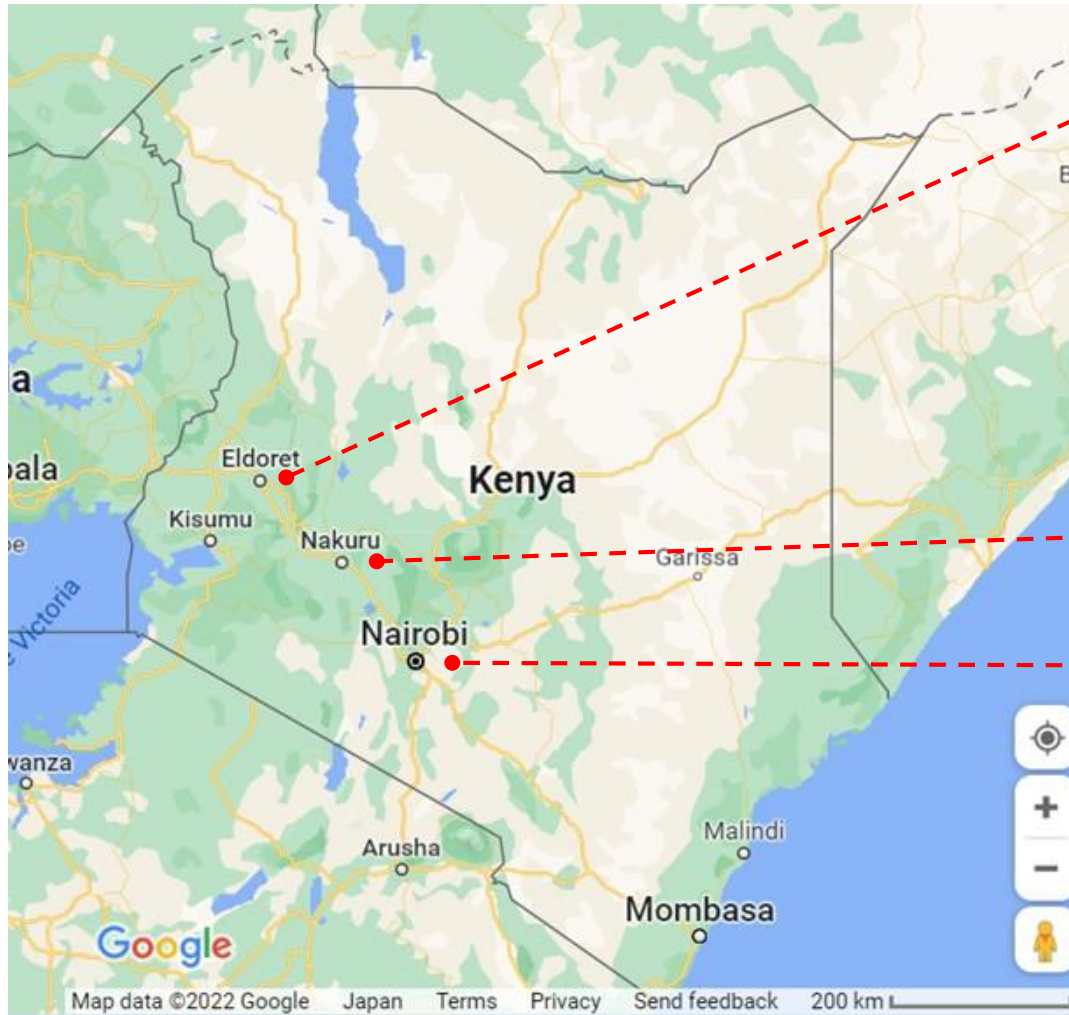
Unga Project: 3.1MW Rooftop Solar Power System

Conceptual Diagram



There are 7 sites, mill plants, feed plants, soya plants, etc.

Site of Project



Eldoret Site (2 sites)
Mill Plants



Nakuru Site (2 sites)
Mineral & Feed Plant



Nairobi Site (3 site)
Soya Plants and Feed Plant

JCM help Unga's decision-making process to invest more in renewable energy project

Unga's Sustainability Agenda

Whilst we support the implementation of all the 17 Sustainable Development Goals (SDGs), we have selected five high impact goals as our primary focus namely;

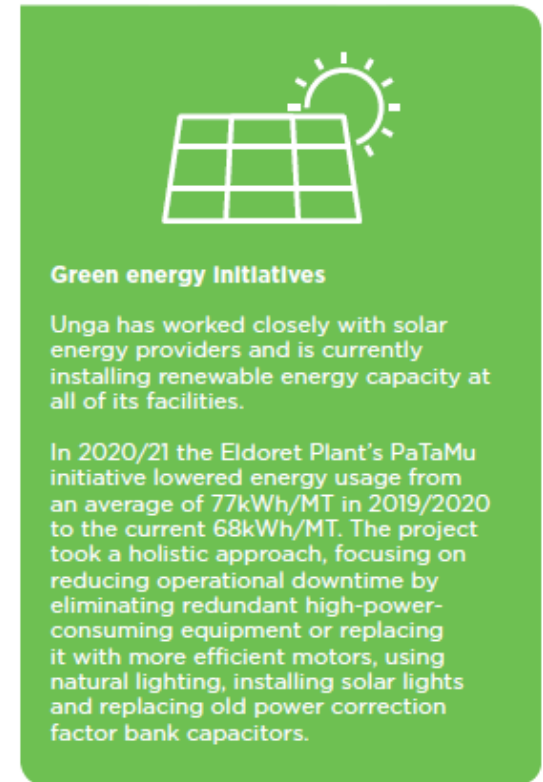
Goal 8 - Decent Work and Economic Growth

Goal 9 - Industry, Innovation and Infrastructure

Goal 12 - Responsible Consumption and Production

Goal 13 - Climate Action

Goal 17 - Partnerships for the Goals

Green energy Initiatives

Unga has worked closely with solar energy providers and is currently installing renewable energy capacity at all of its facilities.

In 2020/21 the Eldoret Plant's PaTaMu initiative lowered energy usage from an average of 77kWh/MT in 2019/2020 to the current 68kWh/MT. The project took a holistic approach, focusing on reducing operational downtime by eliminating redundant high-power-consuming equipment or replacing it with more efficient motors, using natural lighting, installing solar lights and replacing old power correction factor bank capacitors.

Overview of Africa Healthcare Fund (Fund 1)

Invest specifically in the Healthcare-related sectors of Africa utilizing technology and know-how from Japan and other advanced nations to realize solutions to social issues and create sustainable businesses.

⊖Advanced Medical Care: 4 Companies



1. Rwanda, Tanzania: Kidney Dialysis Centres



2. Kenya: Comprehensive Care Hospital



3. Kenya: CVS Clinics



4. Kenya: Maternity Hospitals

④Public Health/Food, Agribusiness: 2 Companies



29. Rwanda, Kenya, Uganda, DR Congo, Tanzania, Burundi, etc.: Franchise Water Services



30. Ethiopia: No. 1 Brand in FMCG (soap, detergent, oil, etc.)

⊖Healthcare Tech / Other Innovative Sectors: 18 Companies



5. Kenya: EC with HC Focus



7. Egypt: EC with Dental Focus



9. Kenya, U.S.: Messaging/Data Platform



11. Nigeria, etc:
P2P Cross-Borders Payment Services



13. Nigeria: Affordable Health Insurance



15. Egypt: Mental Wellness Platform



17. Togo, Benin: SuperApp



19. Japan, Rwanda, etc.: Medical Connectivity Platform



21. South Africa: Data Analysis/Provider for Wearable Devices



6. South Africa: Medical Appointment Booking /Big Data



8. Nigeria: Uber-style Logistics Platform



10. Kenya: Micro, Insurtech



12. Kenya: Uber-style Logistics Platform



14. Nigeria, etc.: No. 1 EMR in Africa



16. Egypt:
No. 1 Radiology Platform



18. U.S./Europe:
Wearable Medical Device for Pain



20. Kenya: InsurTech Insurance PF/API Developer/Provider



22. Nigeria: CrowdForce Agent Distribution Network

⊖Medical Services: 6 Companies



23. Kenya: Private Emergency Services



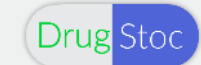
24. Nigeria: Logistics Platform for Serum, Oxygen



25. Kenya: Comprehensive Medical Imaging Centre



26. India, U.S.: Medical Screening Devices x AI Solution



27. Nigeria: Wholesale Pharmaceutical Platform



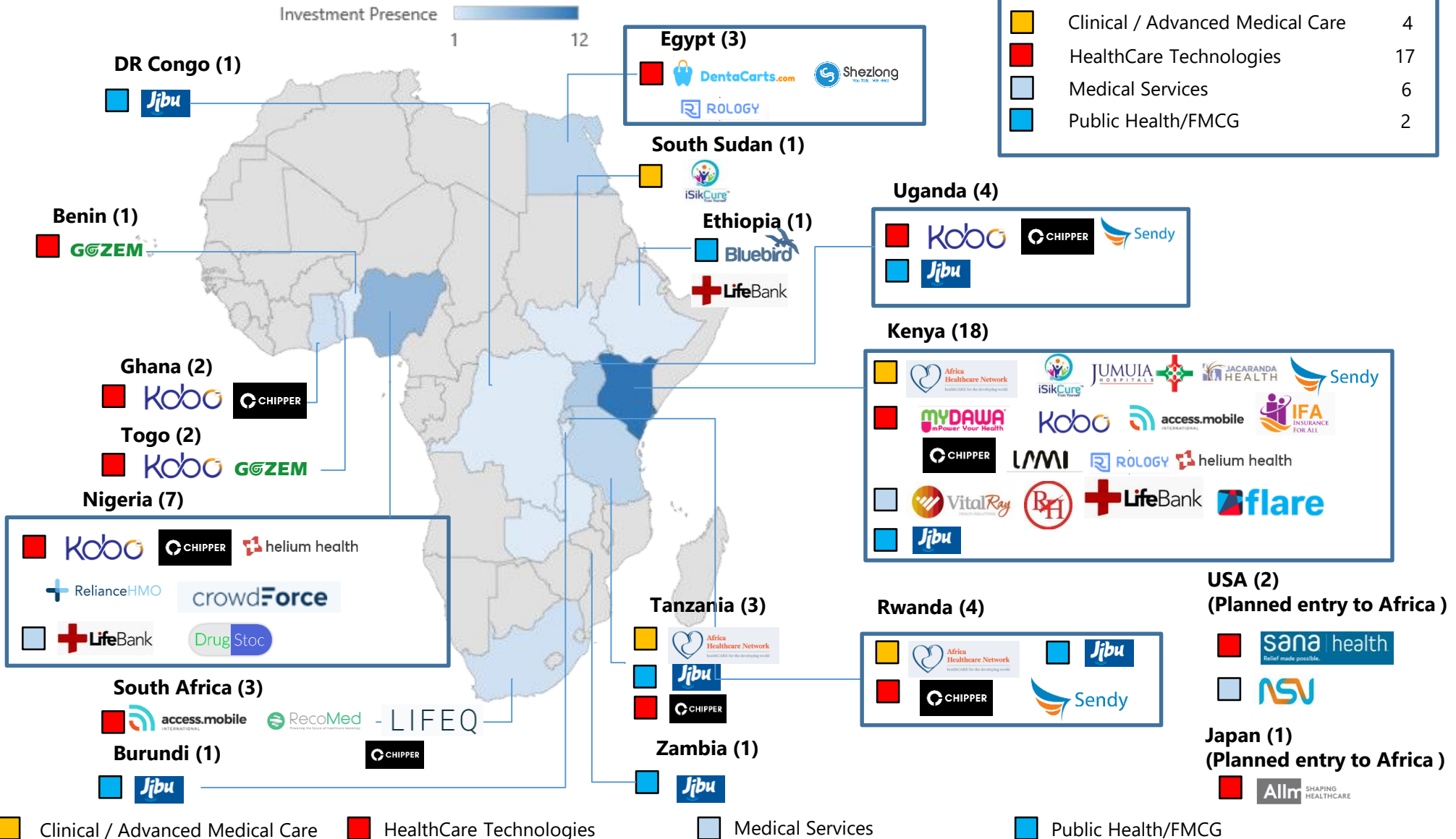
28. Kenya: Medical Consumables Manufacturer

Africa Healthcare Fund's Portfolio Companies

Active Markets as of February 2022

Total Investments by Category : 30

Yellow	Clinical / Advanced Medical Care	4
Red	HealthCare Technologies	17
Light Blue	Medical Services	6
Dark Blue	Public Health/FMCG	2



Fund 2: Africa Innovation and Healthcare Fund

<p>INVESTMENT AREA</p>	<p>To invest in innovations that address various social issues (SDGs) in Africa. It addresses challenges and major growth areas evident primarily in the healthcare sector, and in other digital sectors (fintech, mobility, climate tech, etc.) as and when opportunities arise.</p>
<p>LPs (Investors)</p>	
<p>TARGET FUND SIZE</p>	<p>From US\$150 million up to a maximum of US\$200 million</p>
<p>TICKET SIZE</p>	<p>US\$ 500k to 5 million (Equity or Convertible Note)</p>
<p>STAGE</p>	<p>Seed, Series A and B</p>
<p>INVESTMENT PERIOD AND TERM</p>	<p>Investment Period – 4 years from the First Closing Date Term for Exit – 10 years from the First Closing Date</p>

Start-ups are making a substantial contribution to climate change mitigation or adaptation through the application of new technology

50 Most Promising Climate Tech Startups in Africa 2021

RENEWABLES



MOBILITY



ECONOMY



AGRI FOOD



Holon IQ
2021 SSA CLIMATE TECH
50
www.holoniq.com

NETWORK



ENVIRONMENT



STORAGE



INDUSTRY

