



Connect Afya

**Transforming Diagnostics and Research in
Africa through Operational Excellence**

We are seeing two level of Access Issues in Africa..

To Africa

Access to diagnostics
at local level

Lack of diagnostic and
research infrastructures



Patients



Researchers



Labs



Global
companies



Infectious
Disease



Cancer



Diabetes



From Africa

Access to treatment
and research at global

20% vs. 2%

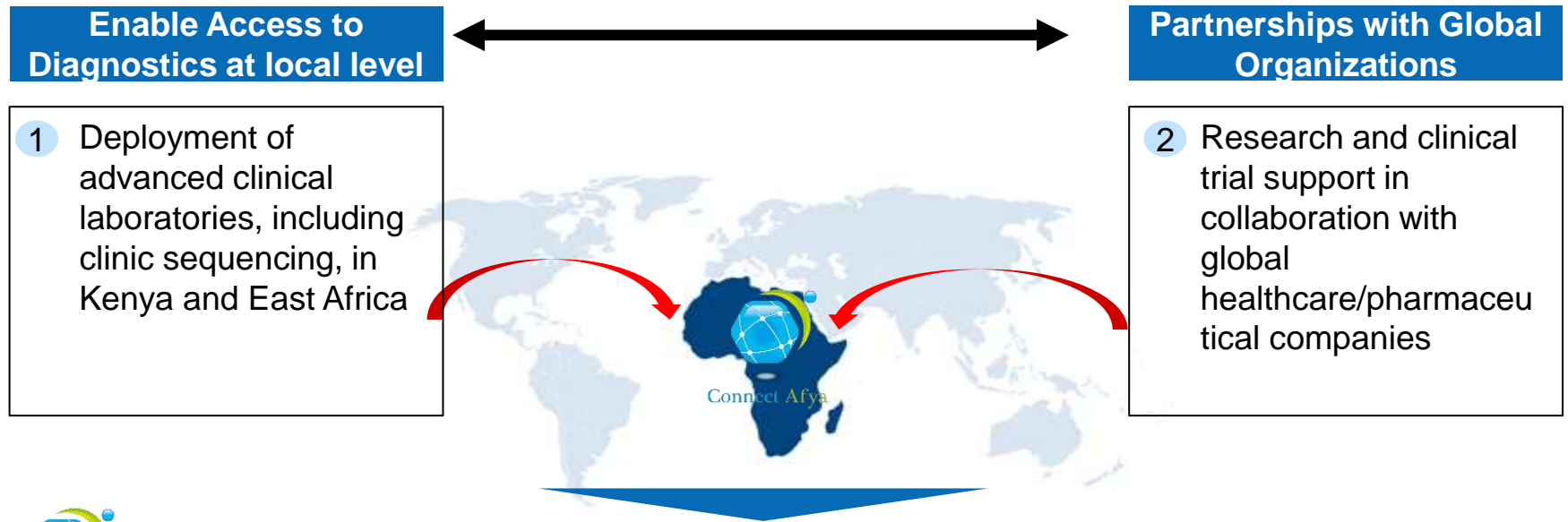
- Despite huge population (20%) and its genetic diversity, the world cannot have access to such patient data
- African genetic data is only **2% of globally available genetic data**
- This will cause the delay of the new diagnostics, treatment and vaccination at the global level



1.5 Billion

- 20% of world's population resides in Africa in 2020
- By 2050, the number will be 25%

Connect Afya is “Connecting” these two aspects of issues by having unique one-stop shop solutions



The only one-stop shop to improve the access to the diagnostics and research in East Africa



Clinical & Research lab that covers from routine to gene sequencing



Digitalized clinic chain for the best patient experience



Distributorship for molecular reagents that can control the costs and supply

Connect Afya is gearing up our business and operations

STEP1:

Pursuing In-house operational excellence

- Established operational excellence to manage samples and control logistics



■ Acquired assets

- Handled 60,000+ samples
- Collaboration with 50+ partners leveraging our networks/know how

Diagnostics Lab

STEP2:

Control operations including external medical institutions

- Manage the clinical Research/Trial samples



■ Assets to be acquired

- Operational controls for external labs/clinics
- One stop secured storage service for confidential data such as genetic data and personal data (e.g., anonymisation)

Clinical Research Lab/SMO

STEP3:

Realize the partnership value at global level

- The only unique platform for diagnostics and clinical research
- The essential partner for any clinical research/trial in East Africa and beyond



■ Assets to be acquired

- Operations with global pharma/diagnostics companies by leveraging diagnostics platform
- Collaborations with international foundations and

True one-stop shop for diagnostics/Research

We are working on Open Genomic innovation Hub in East Africa

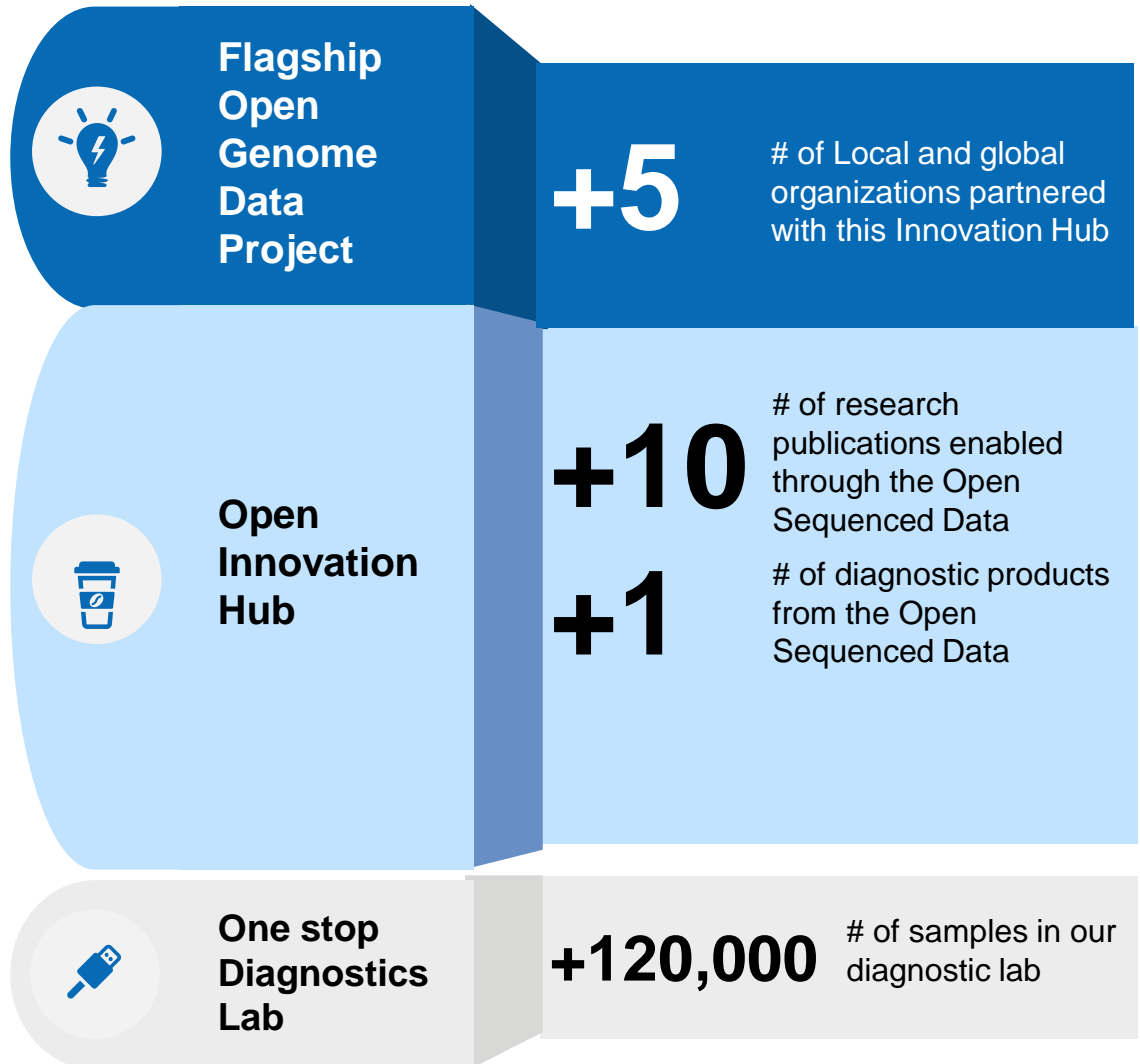
What we are aiming for

- Collecting ~10 patients in each tribe of Kenya for Whole Genome Sequencing
- The sequenced data will be “Open Data” that can be used for reference of any research and development of new diagnostic tests and research.
- Currently constructing one of the biggest clinical & research lab in East African at the center of Nairobi
- The new lab has a co-working space and make gene sequencer available for local researchers calling it “Open Innovation Hub”



- We are creating “synergy” by starting new initiatives on top of diagnostics lab operation

Initiatives



We are looking for Equity and Grant partners

Equity Finance

- We are seeking for 1 M –1.5 M USD in early-stage financing for our further growth in Q4 2023
 - 550K USD has been committed through Grant Program from Japanese company and Japanese Government program – Total funding will be 1.5M–2M USD
- With this financing, we would like to conquer Kenyan specialized test market and start collaboration with global organizations

Grant Program

- We are seeking for Research Grant Partner to enable our Open Genome Data Project
- The expected starting time will be in Q2–Q3 in 2024

**Please talk to Yoichi in the conference or contact
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