



Trusted Testing



Trusted Labs



PanaBIOS

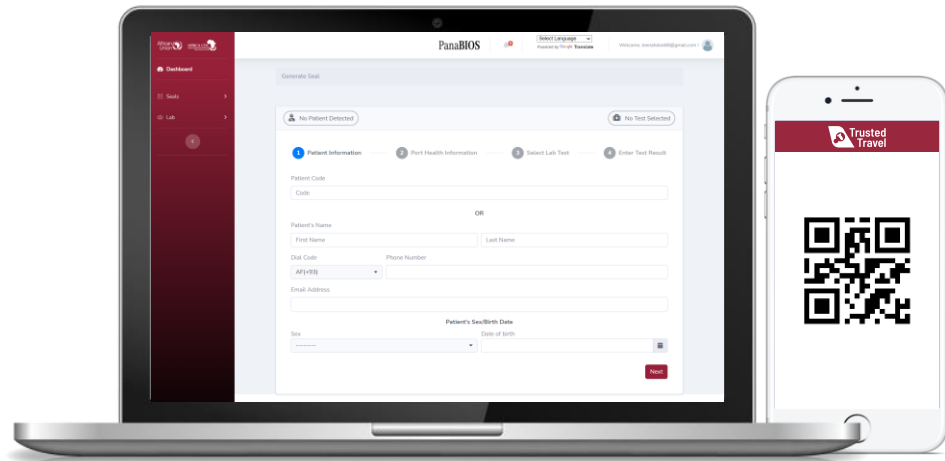
ECONET



An AU Initiative

supported by the Private
Sector

••• with Labs at the
forefront



ASLM's mandate of ensuring laboratory quality and excellence strongly aligns with Trusted Travel and Global Haven's goals of **INCREASING TRUST IN MEDICAL DATA EXCHANGES.**



Context

Why Trusted Travel?

- Enable reopening of the continental economy without risking disease spread.
- Serious inconvenience for travellers and the authorities as airports and border crossings become jammed with people awaiting test results and clearance.







Why Trusted Labs?

- Prevent shady, overnight, mushroom labs from taking root.
- Emphasise role of accredited, professional, labs.
- Establish preventive screening as a major public health goal.



Countries set Protocols digitally

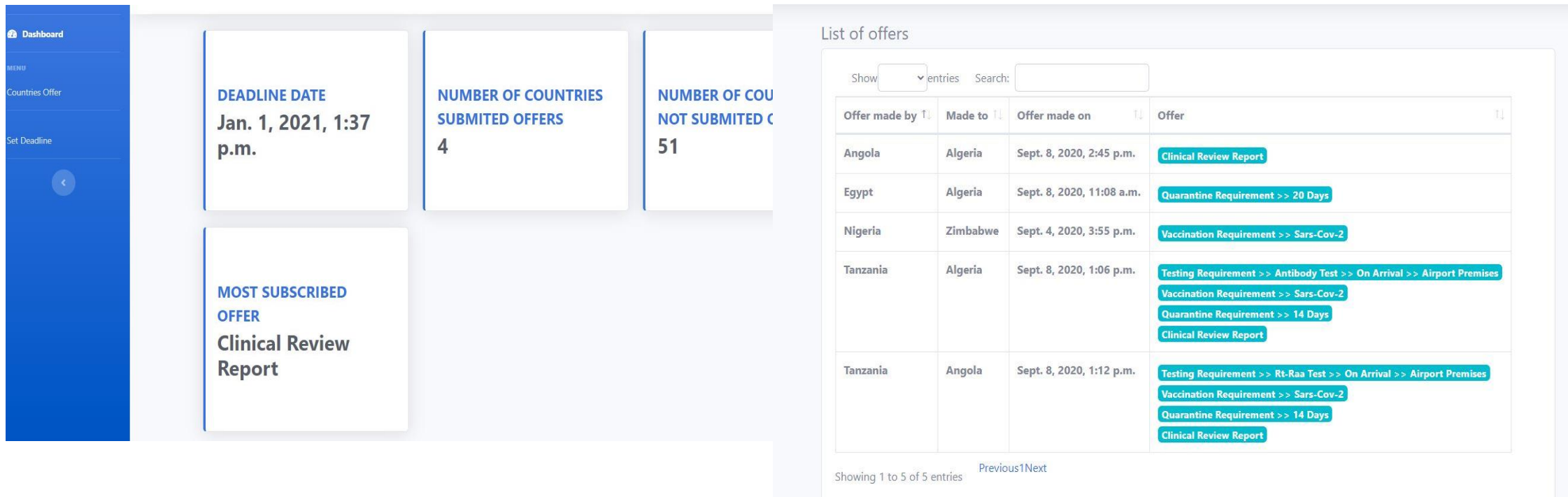
Example:

	Ghana Offer	2 nd Country Offer
 Ghana ● — ●  Algeria	Vaccine Cert, Quarantine, Covid-19 PCR Test	PCR Test
 Ghana ● — ●  Angola	PCR Test - 5 days old max	PCR Test - 3 days old max

Example of reciprocal offers from country to country

Africa CDC Provides Coordination & Steering

Africa CDC and other supranational authorities are embedded in the process to help adjudicate differences among countries with a view to promoting a uniform, coordinated post-pandemic reopening and future health cooperation.



The dashboard displays the following statistics:

- DEADLINE DATE:** Jan. 1, 2021, 1:37 p.m.
- NUMBER OF COUNTRIES SUBMITTED OFFERS:** 4
- NUMBER OF COUNTRIES NOT SUBMITTED OFFERS:** 51
- MOST SUBSCRIBED OFFER:** Clinical Review Report

The "List of offers" table shows the following data:

Offer made by	Made to	Offer made on	Offer
Angola	Algeria	Sept. 8, 2020, 2:45 p.m.	Clinical Review Report
Egypt	Algeria	Sept. 8, 2020, 11:08 a.m.	Quarantine Requirement >> 20 Days
Nigeria	Zimbabwe	Sept. 4, 2020, 3:55 p.m.	Vaccination Requirement >> Sars-Cov-2
Tanzania	Algeria	Sept. 8, 2020, 1:06 p.m.	Testing Requirement >> Antibody Test >> On Arrival >> Airport Premises Vaccination Requirement >> Sars-Cov-2 Quarantine Requirement >> 14 Days Clinical Review Report
Tanzania	Angola	Sept. 8, 2020, 1:12 p.m.	Testing Requirement >> Rt-Raa Test >> On Arrival >> Airport Premises Vaccination Requirement >> Sars-Cov-2 Quarantine Requirement >> 14 Days Clinical Review Report

Showing 1 to 5 of 5 entries [Previous](#)[Next](#)

Citizen-centered

Trusted Travel allows citizens to easily understand and obtain information on the latest restrictions applicable to a journey they intend to undertake, **as well as on labs and their authorization/accreditation.**



Deep Dive: Elements of Trusted Testing

Why TrustedTesting is essential to Reopening

The Human Rights imperative is to identify the **most cost-effective, least burdensome**, mechanism to restore movement rights within the Union whilst also protecting communities from new variants of disease for which no vaccines and effective treatments are currently available.

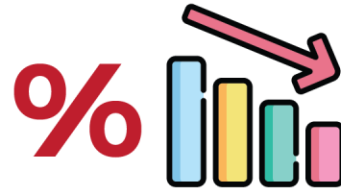


The TrustedTesting Quality Assurance Framework

Key Terms:

Failure Rate: An accepted rate of error to cater for systemic inadequacies in the Testing Protocols.

Sampling Rate: the number of Travelers randomly selected from the total number of disembarking Travellers arriving within a particular period in the destination country within the TrustedTesting Network.



Public Health Authorities set **Failure Rate** on the PanaBIOS platform.



Reports are automatically generated to advise Policy makers.



Public Health Authorities also set a **Sampling Rate** of Travellers who will be randomly picked by the system for re-Testing.



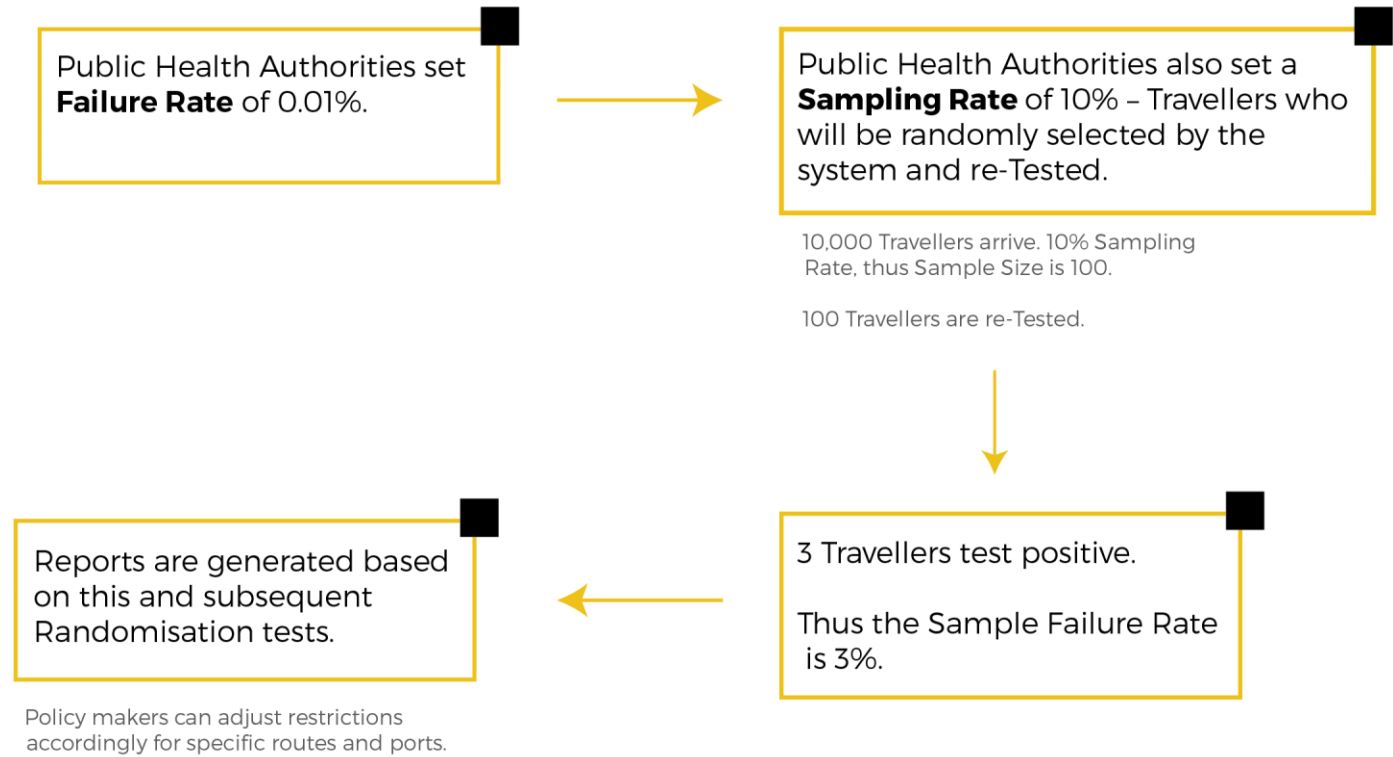
The results of the re-Testing is measured against the **Failure Rate**.

Quality Assurance through Randomisation Validation

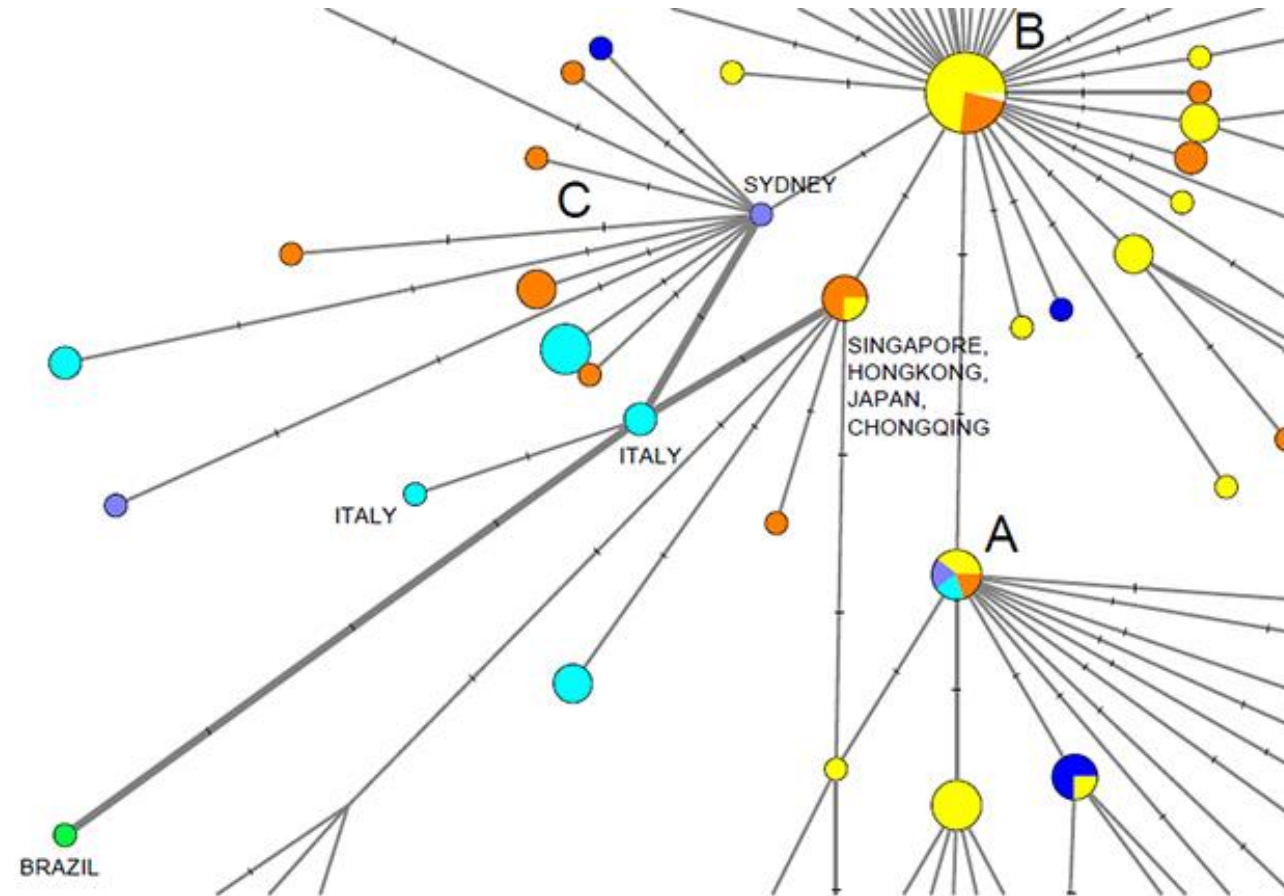
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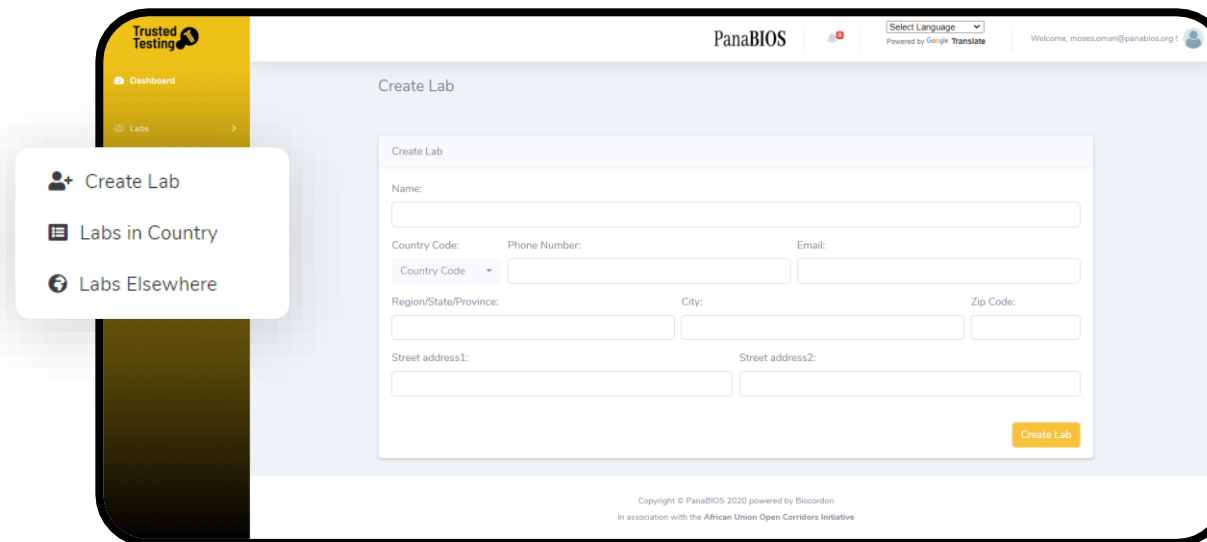
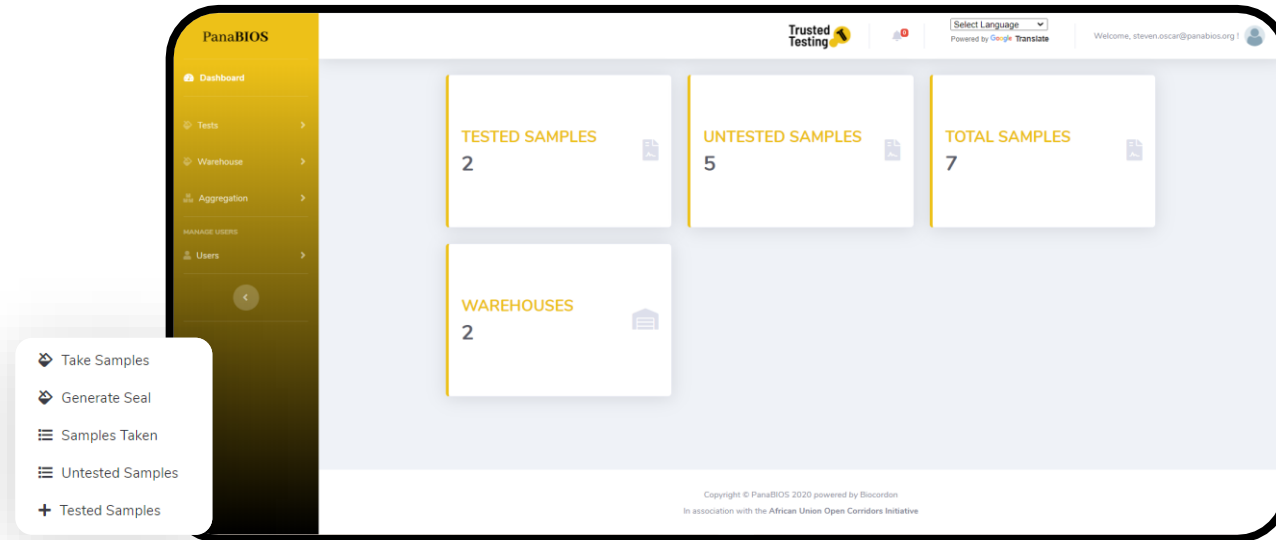


Integrate Data Aggregates (testing, vaccine, travel) to Track Immunity Evolution & New Strains Distribution



Labs

- Lab functions include:
- Set up labs.
- Track and trace samples.
- Secure, sealed and digitized results.
- Secure, error-free data sharing and management among authenticated users across the continent.



Generating Seals from Test Results

Easily generate a verifiable secure **Seal** from a Lab Result document.

The screenshot shows the 'Generate Seal' interface. At the top, there is a 'Trusted Testing' logo, a notification bell, a welcome message 'Welcome, steven.oscar@panabios.org', a user profile icon, and a language selector set to 'Oreka Language'. Below this is a 'Generate Seal' header. The main content area features a patient name 'Maxwell Ofori' and a 'No Test Selected' button. A progress indicator shows three steps: '1 Patient Information', '2 Select Lab Test' (which is currently active), and '3 Enter Test Result'. The 'Select Lab Test' step includes a text input field for the lab name, currently containing 'Nyaho'. Below this are two dropdown menus: 'Select Lab Test' with 'Covid-19 (Screening)' selected, and 'Select samples taken during the test' with 'Nasal Swab' selected. At the bottom right of the form are 'Previous' and 'Next' buttons. The footer contains copyright information: 'Copyright © PanaBIOS 2020 powered by Biocordon' and 'In association with the African Union Open Corridors Initiative'.

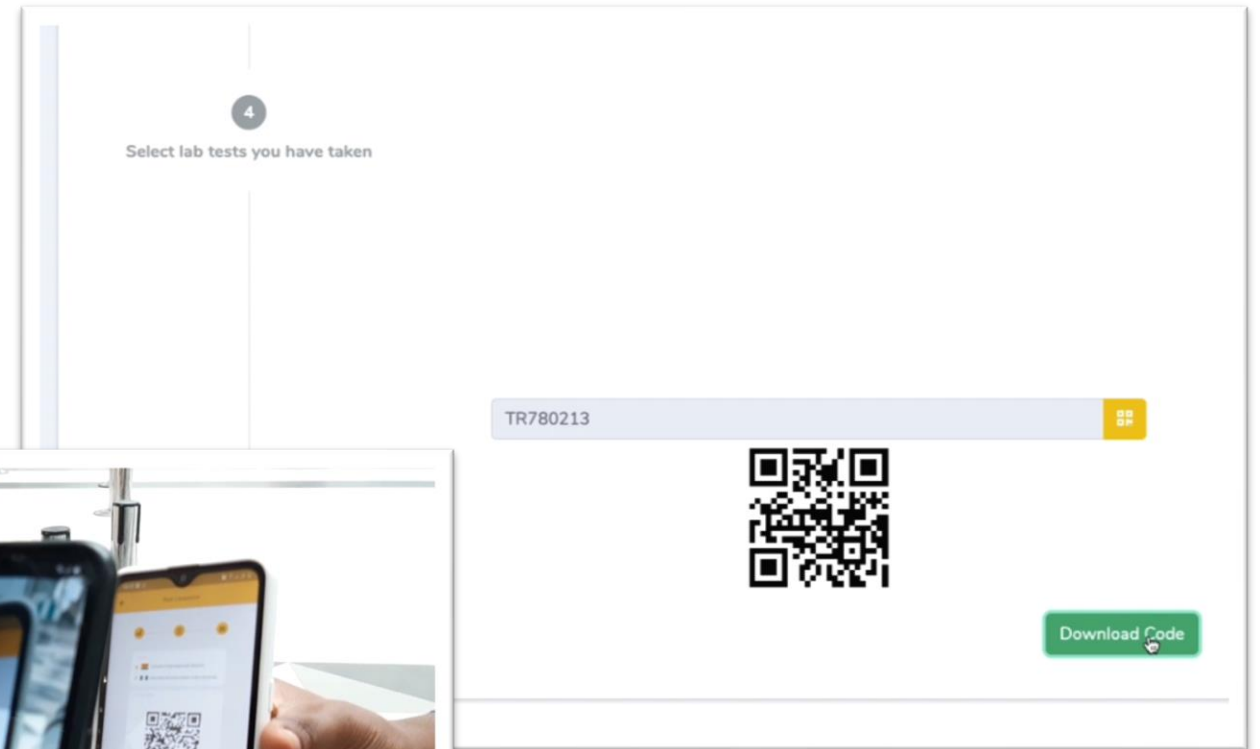
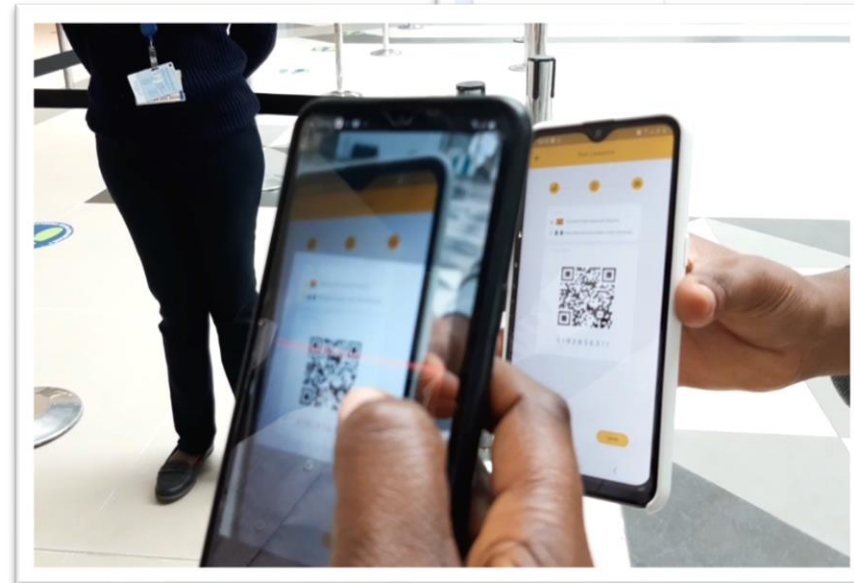
Append Lab Results to Travel Forms

Travellers easily append their test or vaccine records to Travel forms or “Safe Badges” to enable instant validation by Travel Officials or other Access Inspectors.

The screenshot shows a web interface for appending lab results. At the top, a blue circle with the number '4' is positioned above the text 'Select lab tests you have taken'. Below this, there is a section for 'Test required for travel' with a 'Covid-19' button. Underneath, the 'Lab Tests Taken:' label is followed by a dropdown menu containing the text 'Select the most recent lab tests your have taken'. At the bottom right of the form area, there are two buttons: a red 'Cancel' button and a yellow 'Save' button. At the bottom left of the form area, a grey circle with the number '5' is positioned above the text 'Code generation'. At the very bottom of the page, there is a copyright notice: 'Copyright © PanaBIOS 2020 powered by Biocordon In association with the African Union Open Corridors Initiative'.

Travel Clearance

Port Officials or other Access Inspectors can now validate individual risk status (for infection or other parameter) via 2D barcodes or manual entry codes in a secure, privacy compliant manner.

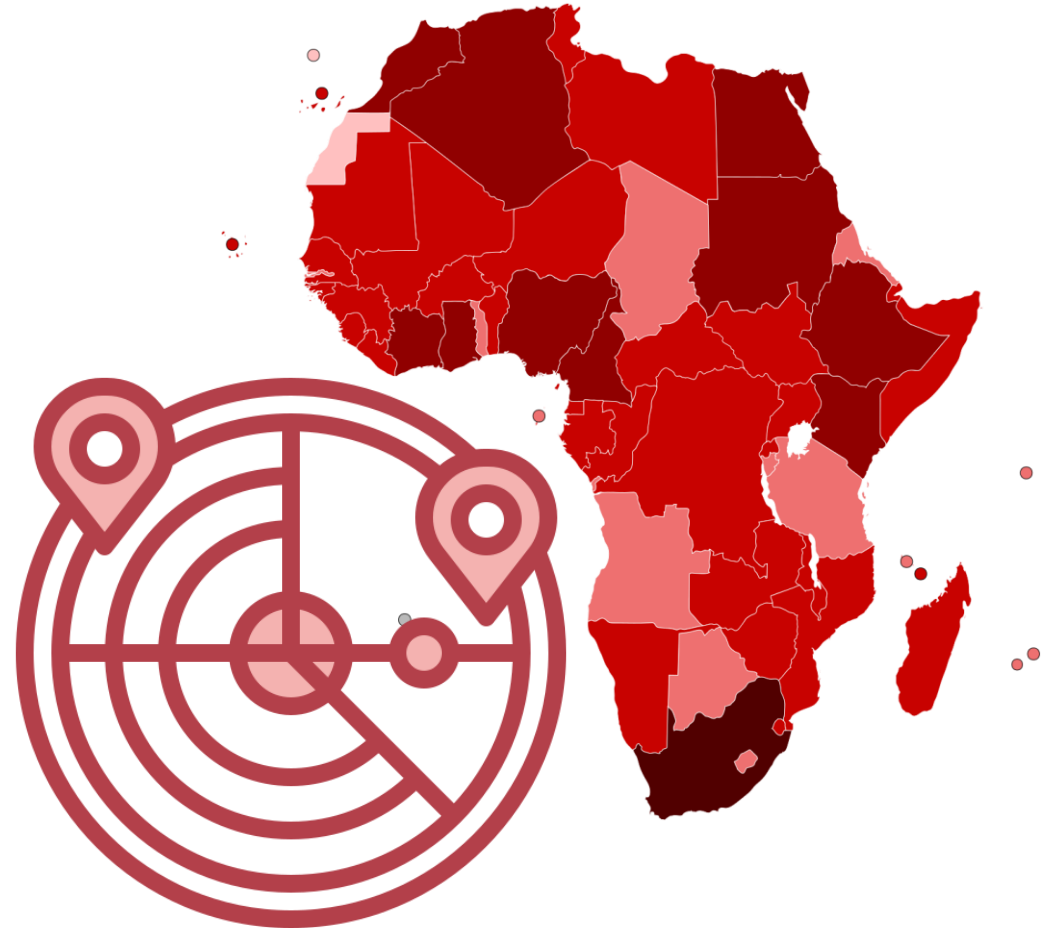


The Future Outlook: Long Term

Preventive Bioscreening & Mass Diagnostics

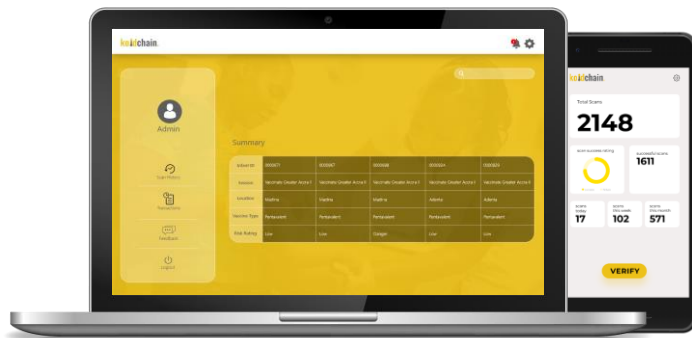
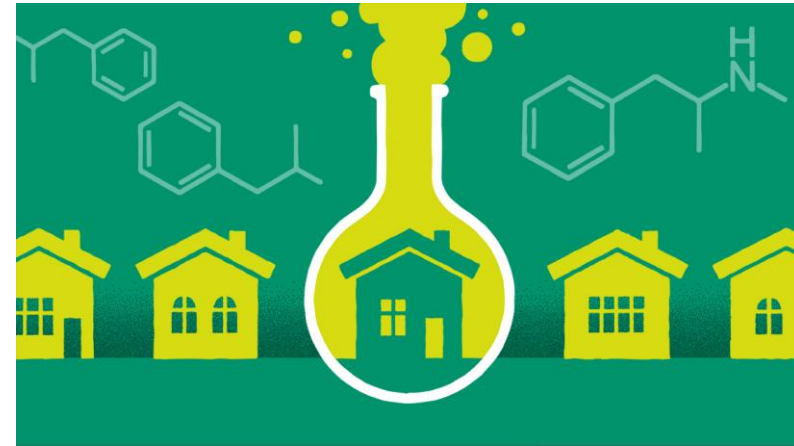
In the long-term, the hope is that the TrustedLabs Network becomes an early warning system for future pandemics.

Biomedical labs shall be a major point-of-administration for predictive diagnostics.



Starting point for Integrated Digital Health

If successful, the TrustedLabs Network shall open the door to superior digital health opportunities **across Africa** with biomedical labs at the center.



Trusted
Testing 



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