ABOUT BOABAB LIMS

Baobab LIMS, an open source LIMS for biobanking was initiated in 2010 at SANBI-UWC and subsequently developed by African researchers as part of the Horizon2020 funding framework "B3Africa" www.b3africa.org

The LIMS represents one component in an integrated biobank suite of tools (www.bibbox.org)

Baobab LIMS was initially developed to meet the requirements of biobanking best practices for human biobanking. There is a huge opportunity to extend this software to other applicants such as plant and animal biospecimen collections.

Baobab LIMS is written in Python and based on the PLONE web-content management framework. A server-client based system, whereby the end user is able to access the system through the internet on a standard web browser, or as a standalone installation.

FEATURES

1 Patient Information

2 Disease Ontology

3 Inter-departmental shipping module

4 MIABIS Compliant

5 Online documentation

6 Docker image

7 French translation

MODULES

1. REGISTRATION OF A PROJECT
2. KIT ASSEMBLY
3. SHIPPING
4. STORAGE
5. INVENTORY MANAGEMENT
6. FREEZER MANAGMENT
7. SAMPLE STORAGE MANAGEMENT
8. BIOSPECIMEN REGISTRATION
9. ANALYSIS REQUEST BY CLIENT
10. PRINT REPORTS AND INVOICING

BAOBAB LIMS
An African-led Opensource Innovation for Biobanking

5 THE PROJECT HAS ATTRACTED INVESTMENT OF R5 MILLION TO DATE

10 FULL TIME TEAM MEMBERS THAT RESOURCE THE PROJECT

427 DOWNLOADS OF THE BAOBAB LIMS PUBLICATION BETWEEN APRIL 2017 AND MAY 2018

11 9 COMMUNITY DEVELOPERS AND 2 FULL TIME STAFFERS WORK ON BAOBAB LIMS

50 UNIQUE CLONES OF GITHUB

9 YEARS
BOABAB LIMS PROJECT WAS INITIATED IN 2010

11 COUNTRIES
BOABAB LIMS SOFTWARE IS DEPLOYED IN BIOBANKS ACROSS COUNTRIES

120 TRAINED
METHODOLOGIES SUPPORTING BAOBAB LIMS CODE IN BIOBANKS ARE SHARED LIBERALLY

SOURCE CODE
Github.com/ BaobabLims/ Baobab.lims.git

SYSTEM REQUIREMENTS
Minimum of 8GB RAM 120GB disk space

PUBLICATIONS
Bendou et al (2107) Biopreservation & Biobanking. 15(2): 116-120 DOI:10.1.1089/ bio.2017.0014

WWW.BAOBABLIMS.ORG
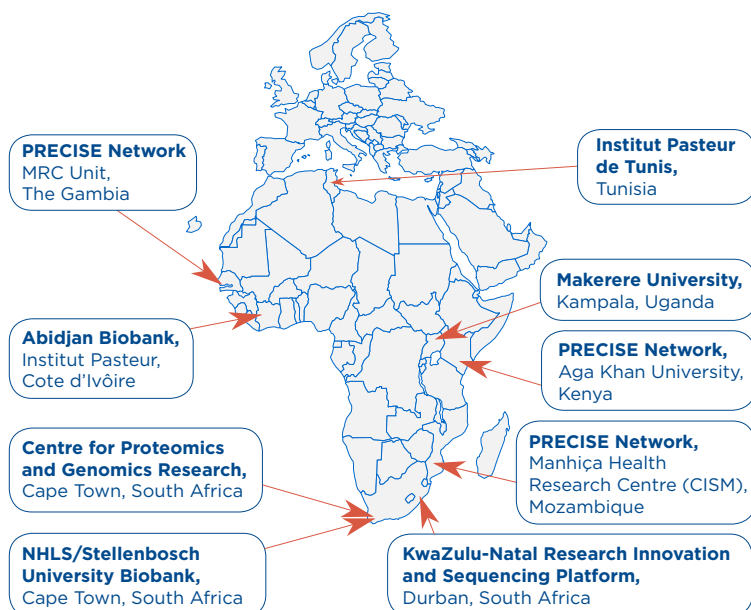
LIMS DEVELOPMENT TEAM

University of the Western Cape:
Alan Christoffels
Dominique Anderson
Hocine Bendou
Ziphozakhe Mashologu
Campbell Rae
Peter Van Heusden
Thoba Lose
Susan Fernol
Oluwafemi Peter Abiodun

Stellenbosch University *"NSB Biobank"*:
Emmanuel Akinola Abayomi
Carmen Swanepoel
Faghri February
Jody Bell
Shafieka Isaacs

BAOBAB LIMS USERS AND TEST SITES

PRECISE Network
MRC Unit,
The Gambia

Institut Pasteur de Tunis,
Tunisia

Abidjan Biobank,
Institut Pasteur,
Cote d'Ivôire

Makerere University,
Kampala, Uganda

PRECISE Network,
Aga Khan University,
Kenya

Centre for Proteomics and Genomics Research,
Cape Town, South Africa

PRECISE Network,
Manhiça Health
Research Centre (CISM),
Mozambique

NHLS/Stellenbosch University Biobank,
Cape Town, South Africa

KwaZulu-Natal Research Innovation and Sequencing Platform,
Durban, South Africa

Online documentation: Yes

Docker Image: Yes

Code: https://github.com/BaobabLims

Website: www.baobablims.org

Dedicated helpdesk: help@baobablims.org

Follow us on twitter @BaobabLIMS

B3 Africa
BRIDGING BIOBANKING AND BIOMEDICAL RESEARCH
ACROSS EUROPE AND AFRICA

CONTACT US:
info@baobab.sanbi.ac.za

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