

PASTEUR NETWORK



When health meets CARE Turning Diseases into Value

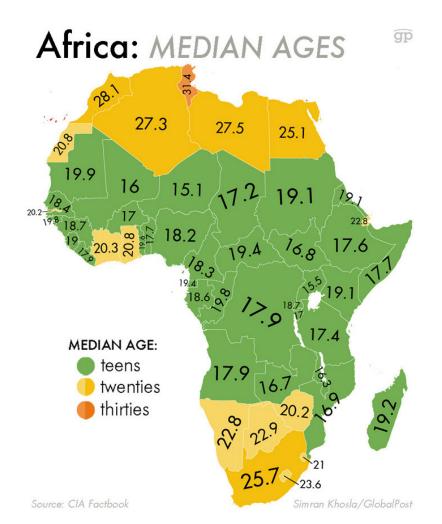
Xavier Berthet - Director Biomedical Research - IP Dakar xavier.berthet@pasteur.sn



Danger O

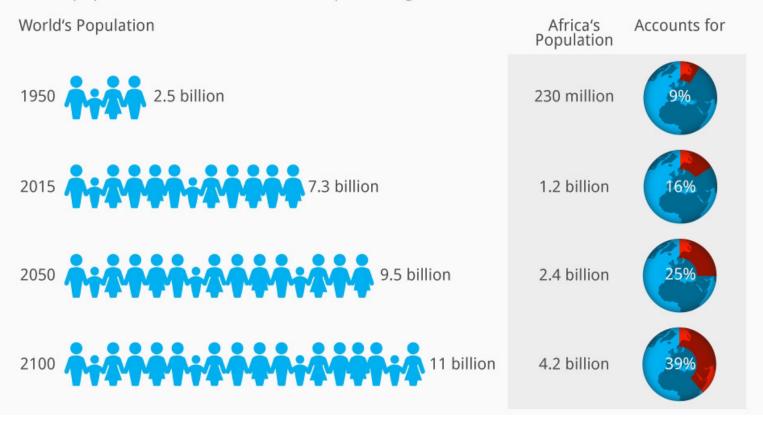
Opportunity





By the End of the Century, 40% of People Will Be African

World population forecast with Africa's percentage share



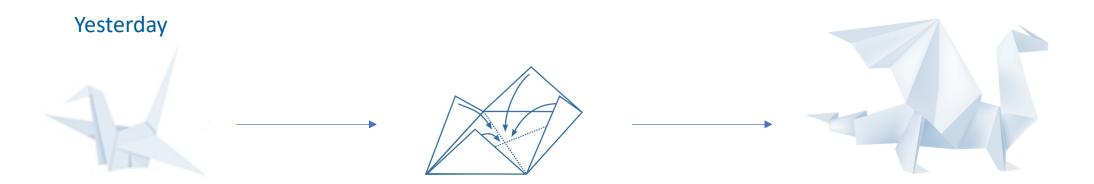
IT IS NOT ONLY ABOUT CHARITY, COOPERATION, HELP...

IT IS ALSO ABOUT CO-CREATING & SHARING VALUE

VALUE =

the amount of efforts people are willing to **do/contribute/invest** to satisfy **a need/desire**

Building new & shared representations



Tomorrow



Under the auspices of LabPlus Africa:





Outside view of CARE

The state

Center for Africa's Resilience to Epidemics



Under the auspices of LabPlus Africa:











A state-of-the art, training & educational center focused on rapid diffusion of basic and applied knowledge about epidemics. The center will be an agora for all the stakeholders involved in the study of infectious diseases, public health

and epidemic preparadeness.



epidemics are at the heart of modern epidemiology. Through DIAGORA, we will gather a multidiciplinary team of experts in high performance computing, statistical & mathematical modelling, AI specialists, clinicians and epidemiologists

to collect, analyze and extract insights out of medical, public health and real world data.



EDUCATE, INNOVATE, TRANSFORM



The lab will implement agile and lean product development techniques.

AFRICA

Low quality of African engineers disconcerting – UNESCO

Wachira Kigotho 24 March 2021

The Guardian (2016)

Africa's shortage of engineering skills 'will stunt its growth'

London conference hears of need to attract more female students to overcome scientific deficit that will put brake on continent's economic development

The Financial Times (2020)

African leaders must invest in engineers to drive growth

The continent cannot fulfil its potential without training technicians to tackle its infrastructure shortfall

ICSI (2021)

Massive collaboration needed to fill African engineering skills gap

ENGINEERS

PROBLEM SOLVERS

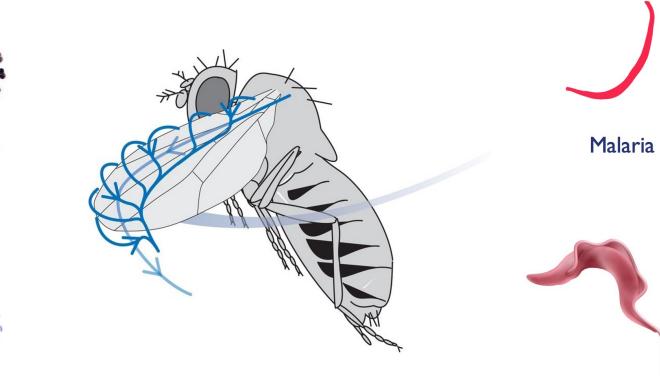
Understand & Apply

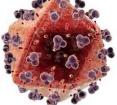


RESEARCHERS EXPLORERS

Discover & Understand





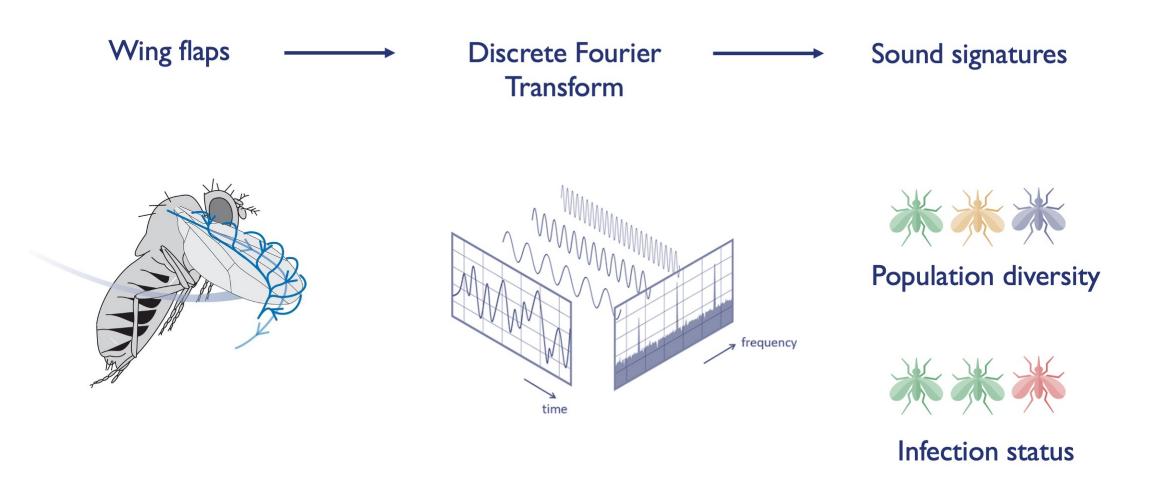


Yellow fever

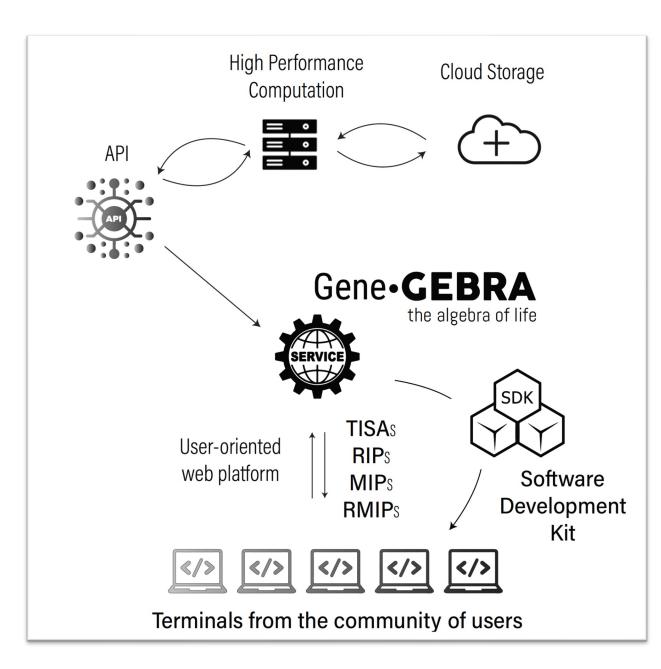
Dengue

Trypanosomes









Gene-GEBRA

the algebra of life







