



AFROSCREEN

Sequencing capacity-
building in Africa

JANUARY 2022

In the current pandemic context, the rapid sharing of information relating to genome sequences is essential. The AFROSCREEN project is about structuring an African network to build the capacities of laboratories, share data and effectively monitor the circulation of viruses.



- Detect the SARS-CoV-2 variants and other emerging pathogens
- Investigate the epidemiological characteristics and clinical impact of the variants
- Assist public health decision-making at national and international level

3 partner research institutions
25 laboratories, reference centres and partners
13 countries in Africa

FUNDING



10
million euros

A project funded by Agence Française de Développement (AFD) as part of the "Health in Common 2" initiative

DURATION

2 years
(2021-2023)

ACTIONS



Laboratory
equipment
and reagents



Training
and support



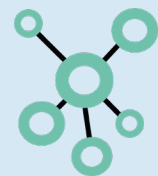
Data sharing
and management



Public health
surveys and
epidemiological
studies

CONSORTIUM

- ANRS | Emerging Infectious Diseases
- Institut Pasteur
- IRD (French National Research Institute for Sustainable Development)

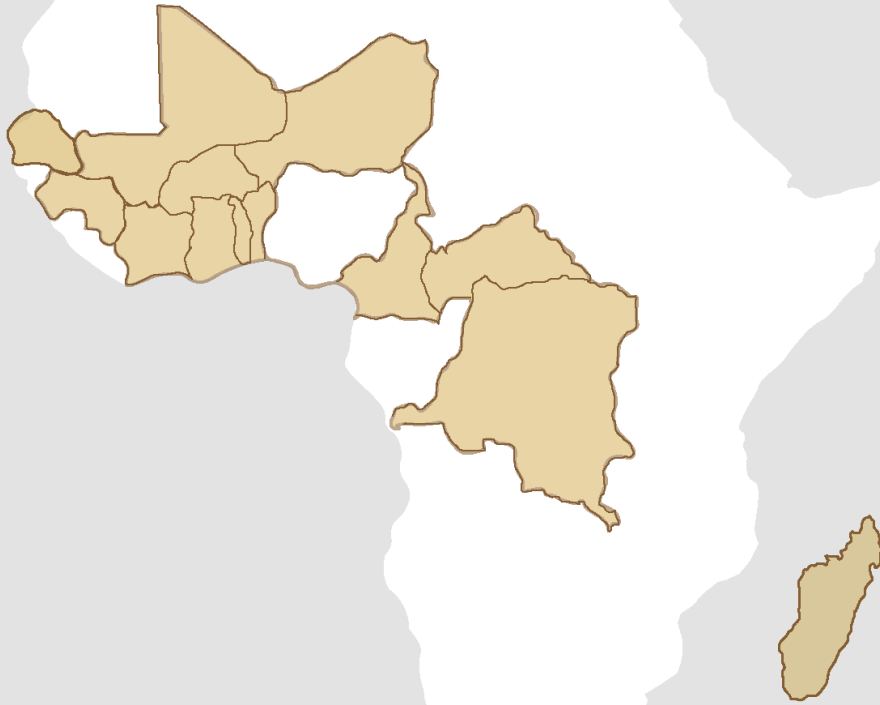


COORDINATED BY
ANRS | Emerging Infectious Diseases

IN CLOSE COLLABORATION WITH

- The national health authorities of each country
- The African Union via Africa CDC

The AFROSCREEN NETWORK



BENIN (Abomey-Calavi, Cotonou)

- Benin Clinical Research Institute (IRCB)
- Benin Viral Haemorrhagic Fever Laboratory (LFHV)

BURKINA FASO (Bobo-Dioulasso, Ouagadougou)

- MURAZ Center
- National Institute of Public Health (INSP)
- Souro Sanou University Hospital Virology Laboratory
- Yalgado University Hospital Virology Laboratory

CAMEROON (Yaoundé)

- Center for Research on Emerging and Re-Emerging Diseases (CREMER)
- Pasteur Center in Cameroon

CÔTE D'IVOIRE (Abidjan)

- National Institute of Public Hygiene (INHP)
- Institut Pasteur de Côte d'Ivoire
- Treichville University Hospital Virology and Bacteriology Laboratory
- ANRS Côte d'Ivoire Co-operation Programme (PAC-CI)

GHANA (Accra)

- West African Center for Cell Biology of Infectious Pathogen (WACCBIP)
- Noguchi Memorial Institute for Medical Research (NMIMR)

GUINEA (Conakry)

- Centre for Research and Training in Infectious Diseases in Guinea (CERFIG)

- National Institute of Public Health (INSP)
- Institut Pasteur de Guinée

MADAGASCAR (Antananarivo)

- Institut Pasteur de Madagascar

MALI (Bamako)

- ARCAD SANTE PLUS
- National Institute of Public Health (INSP)
- Point G University Hospital Virology Laboratory

NIGER (Niamey)

- CERMES

CENTRAL AFRICAN REPUBLIC (Bangui)

- Institut Pasteur Bangui

DEMOCRATIC REPUBLIC OF THE CONGO (Kinshasa)

- National Institute of Biomedical Research (INRB)

SENEGAL (Dakar)

- Fann Centre for Research and Training in Clinical Care (CRCF)
- Institut Pasteur de Dakar
- Dalal Jamm National University Hospital Virology Laboratory
- Fann University Hospital Virology and Bacteriology Laboratory

TOGO (Lomé)

- Laboratory of Molecular Biology and Immunology (BIOLIM)
- National HIV-IST Reference Centre

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