MODELLING FOR HEALTH IN AFRICA (ModHA)

Landscaping of Health Modelling Institutions, Networks and Initiatives in Africa

PHASE	Phase 1 landscaping
LAST UPDATED	23 November 2026
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118	28	75
ORGANISATIONS	COUNTRIES	VALIDATED

What is this?

This workbook presents the first phase of a continental mapping exercise to identify the institutions, consortia, networks and organisations doing health modelling in Africa. It was developed under the Modelling for Health in Africa (ModHA) programme, hosted by the Science for Africa Foundation, to build a shared picture of who is modelling what, where, and with whom.

The mapping is meant to support collaboration between modellers, ministries of health, policymakers, funders and partners, to show where capacity is concentrated and where gaps remain. It is a living resource: records will be added, validated and enriched in later phases.

What's in this workbook

Dashboard ›	Key figures and charts: where modellers are based, organisation types, thematic areas, modelling approaches, data completeness, and a country explorer.
Database ›	The full curated list of mapped organisations with profile, focus, methods, contacts, funders and partners. Filterable and searchable.
Summary Tables ›	The live count tables behind every dashboard chart, calculated by formula from the Database.

How to use it

1. Start on the Dashboard for the overall picture. Use the yellow cell in the Country explorer to profile a single country.
2. Go to the Database to look up organisations. Click the filter arrows in the teal header row to filter by country, type, scope or validation status, or to search by name.
3. To find everyone working on a theme or method, filter the 'Thematic Areas (standardised)' or 'Modelling Approaches (standardised)' column with 'Text Filters › Contains'.
4. To add or correct a record, edit the Database directly or add a new row at the bottom of the table. The completeness columns, Summary Tables and Dashboard update automatically.

Field definitions

ID	Unique record number.
Organisation / Initiative	Name of the institution, network, consortium, programme or organisation.
Validation Status	Confirmed: record checked and confirmed by the ModHA team in Phase 1. Pending: identified but not yet validated.
Organisation Type	Academia, Research Institute, Network/Consortium, Non-profit, National Public Health Institute, National Research Council, Public Health Agency, Regional Health Agency, Private sector.
Country Based	Country of headquarters. Multi-country is used for organisations without a single base.
HQ Sub-region	African Union regional grouping of the HQ country (Northern, Western, Central, Eastern, Southern Africa).
Geographical Scope	Where the organisation works: National, a sub-region (e.g. West Africa), Pan-African, or International.
Thematic Focus / Modelling Type (as reported)	Free text exactly as captured during mapping (with spelling corrected).
Thematic Areas / Modelling Approaches (standardised)	The reported text grouped into consistent categories so organisations can be counted and filtered. One record can have several.
Contact, Funder(s), Collaborations, Website	Publicly available information, where found.
Has Contact / Funder / Collaborations / Website	Calculated Yes/No flags used to measure data completeness.
Data Notes	Items for follow-up, such as possible duplicates or contact details to verify.

Method, data quality and limitations

- Phase 1 combined desk review, network referrals and direct input from ModHA partners. Each row is treated as one modelling actor.
- Duplicate entries identified in Phase 1 have been merged; merged records are explained in the Data Notes column.
- Thematic areas and modelling approaches were standardised using keyword rules, so a few records may fall into broader or narrower groups than their authors would choose.
- Many records are still incomplete, particularly funders, collaborations and contacts. Missing values are left blank rather than estimated.
- This is a landscape map, not a ranking. It does not measure modelling quality, outputs, staffing or funding levels, and it is not yet a complete census of modelling capacity across Africa.

ModHA Landscaping Dashboard

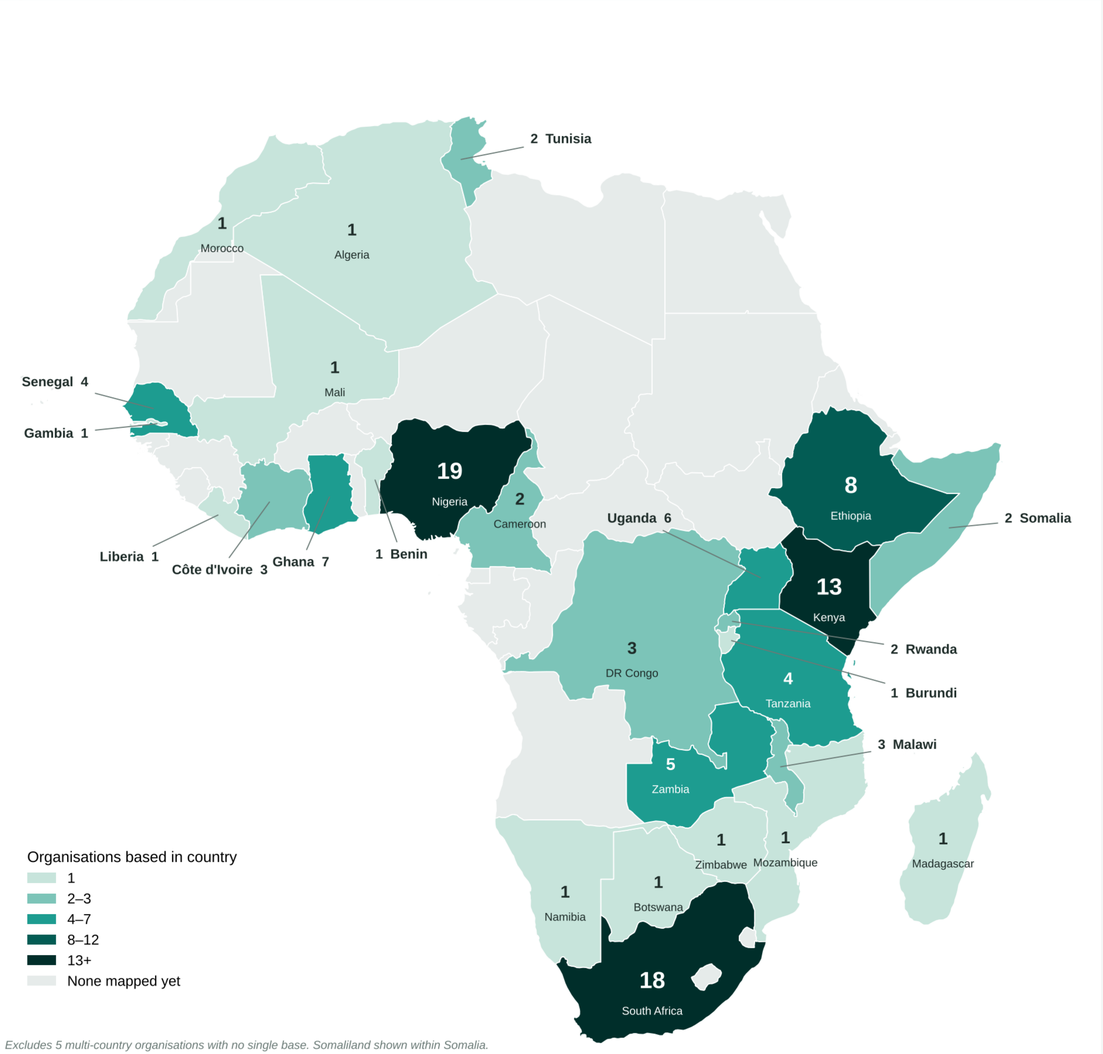
Health modelling institutions, networks and initiatives in Africa · Phase 1 findings · Updates automatically from the Database tab

‹ About Database ›

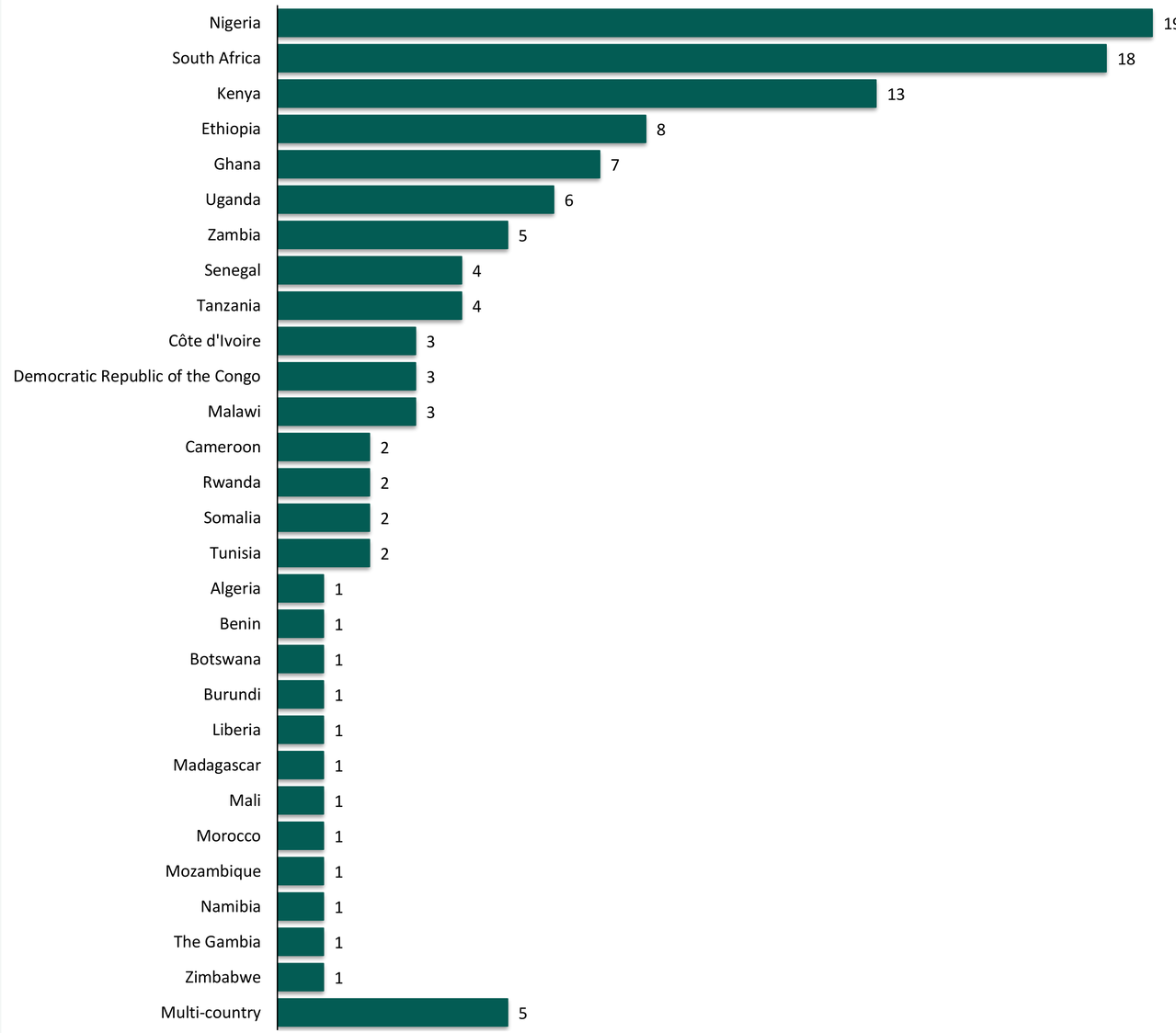
ORGANISATIONS MAPPED	VALIDATED	COUNTRIES REPRESENTED	NETWORKS & CONSORTIA	PAN-AFRICAN / REGIONAL SCOPE	PUBLIC CONTACT AVAILABLE
118	**75**	**28**	**17**	**55**	**34%**
records in Phase 1	64% of records confirmed	African countries as HQ base	multi-partner initiatives	work beyond one country	of records

Where are modellers based?

Organisations by country of headquarters. Map shows data as at 23 November 2026 and does not update automatically; the ranking beside it does.

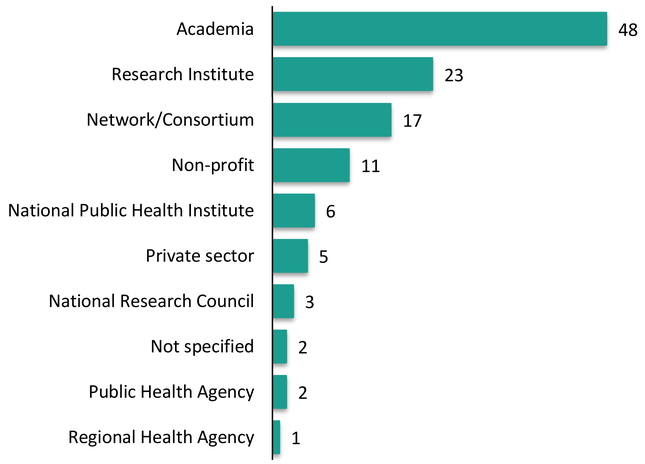


Excludes 5 multi-country organisations with no single base. Somaliland shown within Somalia.



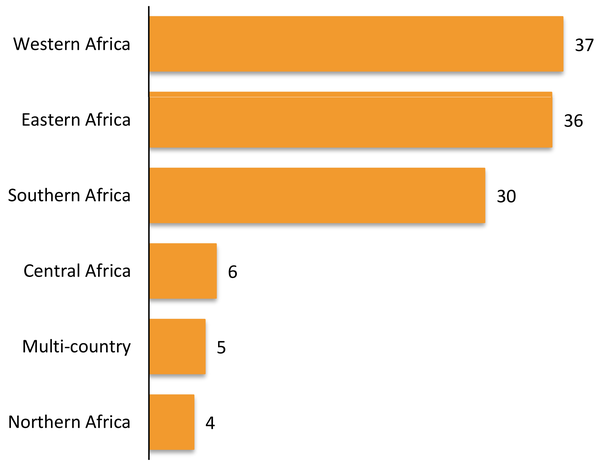
What kind of organisations are they?

Records by organisation type



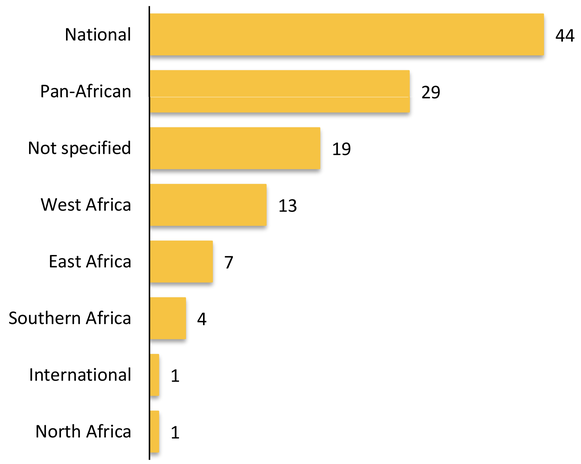
HQ sub-region

AU regional groupings of HQ country



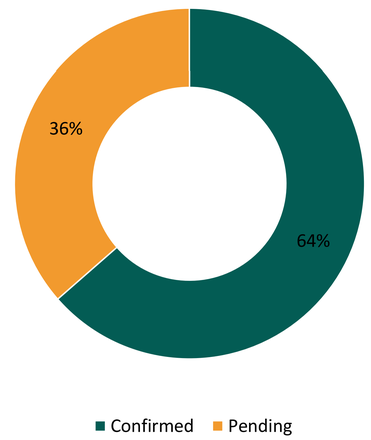
Geographical scope of work

Where organisations say they operate



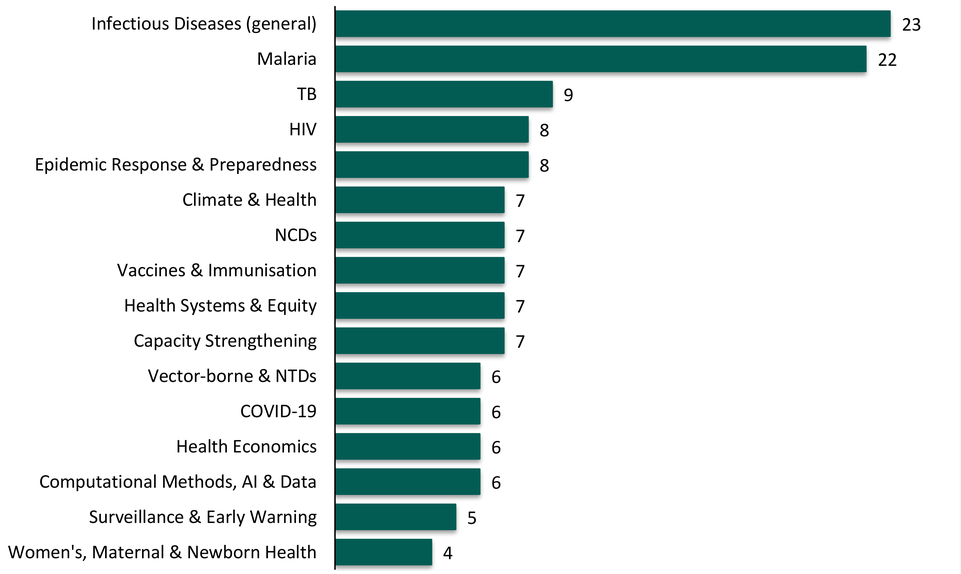
Validation status

Share of records confirmed in Phase 1



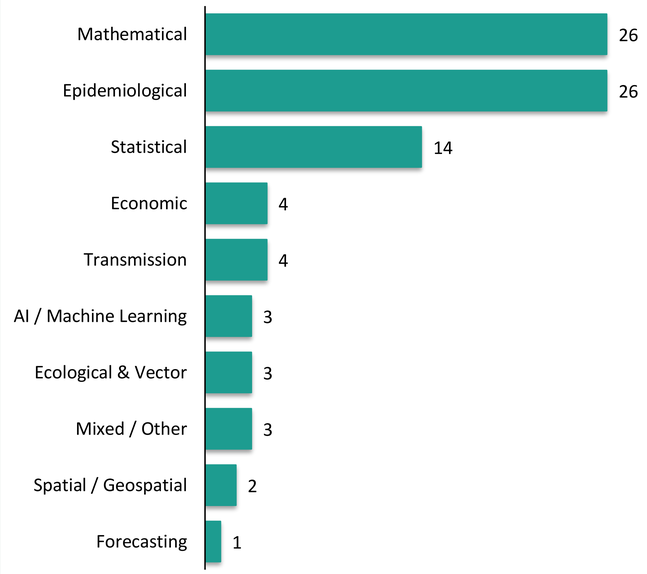
Thematic areas

Organisations working in each area (one organisation may cover several)



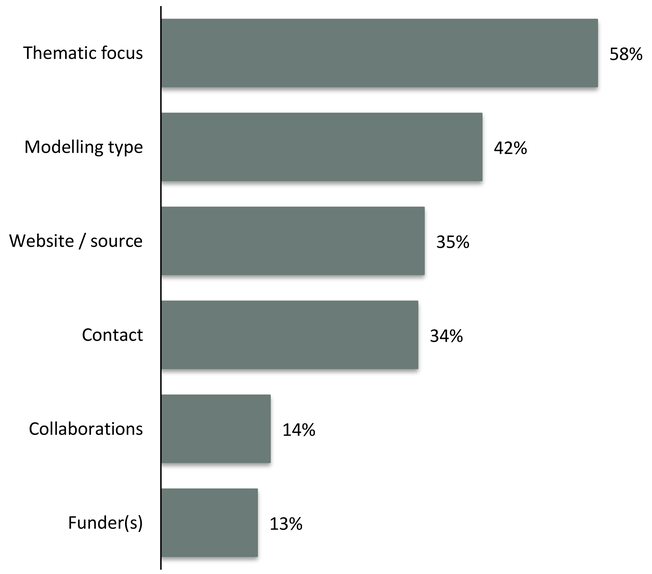
Modelling approaches

Organisations using each approach (multi-select)



Data completeness

Share of records with each field filled in



Country explorer

Pick a country from the yellow cell to see its profile

Select country ▸ **Nigeria**

Organisations based here	**19**
Validated	**9**
Academic institutions	**12**
Research institutes	**1**
Networks & consortia	**2**
Pan-African scope	**5**
Working on malaria	**2**
Working on HIV / TB	**0**
Share of all records	**16.1%**

Key insights — Phase 1 snapshot

Written from the data at time of publication; charts above update live, this text does not.

Concentrated hubs	Nigeria (19), South Africa (18) and Kenya (13) together account for 42% of mapped organisations. 28 African countries are represented in total.
Academia leads	Academic institutions make up 41% of records, followed by research institutes (19%) and networks/consortia (14%).
Regional reach	55 organisations (47%) work beyond a single country, including 29 with a Pan-African scope, a base for cross-country coordination.
Disease focus	Infectious Diseases (general) is the most common thematic area (23 organisations), ahead of Malaria (22) and TB (9). Thematic focus is not yet reported for 50 records.
Classic methods	Mathematical (26) and epidemiological (26) modelling are most common; AI/ML (3) and spatial (2) approaches remain rare. 68 records have no modelling type yet.
Gaps to close in Phase 2	Only 13% of records list funders and 34% list a public contact. 43 records are still pending validation.

Source: ModHA Landscaping Database, Phase 1. Science for Africa Foundation.

ModHA Landscaping Database — Phase 1

Records **118**

Health modelling institutions, networks and initiatives across Africa. Use the filter arrows on the header row to search and sort. Grey columns are calculated automatically.

Back to About › Go to Dashboard ›

PROFILE						FOCUS & METHODS			CONTACTS & PARTNERS			COMPLETENESS (auto)			NOTES
ID	Organisation / Initiative	Validation Status	Organisation Type	Country Based	HQ Sub-region	Geographical Scope	Thematic Focus (as reported)	Thematic Areas (standardised)	Modelling Type (as reported)	Modelling Approaches (standardised)	Contact	Funder(s)	Collaborations / Partnerships	Website / Source	Has Contact	Has Funder	Has Collaboration	Has Website	Data Notes
001	**Corona Management Systems**	Confirmed	Non-profit	Nigeria	Western Africa	National	Malaria, Capacity Strengthening, NCDs	Malaria; NCDs; Capacity Strengthening	Mathematical	Mathematical				https://www.coronams.com/	No	No	No	Yes	
002	**Computer Science Laboratory of Dakar**	Pending	Academia	Senegal	Western Africa	West Africa		Not yet reported	Statistical	Statistical					No	No	No	No	
003	**IDEMU Mathematical Modelling Unit (Makerere University)**	Confirmed	Academia	Uganda	Eastern Africa	National	Epidemic Response	Epidemic Response & Preparedness	Epidemiological, Transmission, Ecological, Mathematical	Mathematical; Epidemiological; Transmission; Ecological & Vector				https://www.linkedin.com/in/idemu-mathematical-modelling-unit-606802299/?originalSubdomain=ug	No	No	No	Yes	
004	**CSIR – NextGen Health & AI**	Pending	National Research Council	South Africa	Southern Africa	East Africa	Health Systems, COVID-19, Climate & Health	Climate & Health; COVID-19; Health Systems & Equity	Forecasting	Forecasting	enquiries@csir.co.za			https://www.csir.co.za/search?query=modelling	Yes	No	No	Yes	
005	**South African Centre for Epidemiological Modelling and Analysis (SACEMA)**	Confirmed	Academia	South Africa	Southern Africa	National	Measles, Polio, HPV, Wastewater, Outbreak response, HIV, HBV, HAV, Tuberculosis	HIV; TB; Infectious Diseases (general); Epidemic Response & Preparedness; Surveillance & Early Warning; Vaccines & Immunisation	Epidemiological	Epidemiological			AHRI (TB grant modelling partner)	https://www.sacema.org/about-us/	No	No	Yes	Yes	
006	**Kenya Medical Research Institute (CGHR/WRP) - KEMRI**	Confirmed	Research Institute	Kenya	Eastern Africa	National	Epidemic Response, NTDs	Epidemic Response & Preparedness; Vector-borne & NTDs	Epidemiological	Epidemiological	director@kemri.go.ke		CENTRE FOR GLOBAL HEALTH RESEARCH (CGHR) KISUMU - KEMRI		Yes	No	No	Yes	
007	**Rwanda Biomedical Centre (RBC) – Digital Health & CHW AI**	Pending	Public Health Agency	Rwanda	Eastern Africa	National	NCDs	NCDs	Epidemiological	Epidemiological	info@rbc.gov.rw			https://www.rbc.gov.rw/what-we-do	Yes	No	No	Yes	
008	**Uganda Virus Research Institute (UVRI) - UVRI/MRC/LSHTM**	Confirmed	National Public Health Institute	Uganda	Eastern Africa	National	Infectious diseases	Infectious Diseases (general)	Epidemiological	Epidemiological	directoruvri@uvri.go.ug		Imperial college, University of oxford, The London School of Hygiene & Tropical Medicine, John Hopkins University	Uganda Virus Research Institute | REPUBLIC OF UGANDA	Yes	No	Yes	Yes	
009	**ICIPE (DMMG) Unit**	Pending	Research Institute	Kenya	Eastern Africa	National	Climate & Health, COVID-19	Climate & Health; COVID-19	AI/ML, Spatial	AI / Machine Learning; Spatial / Geospatial	icipe@icipe.org	GIZ, Norad, Sida, SDC, Government of Norway		https://www.icipe.org/	Yes	Yes	No	Yes	
010	**Makerere University – AI Lab / School of Public Health**	Confirmed	Academia	Uganda	Eastern Africa	National	Early Warning	Surveillance & Early Warning	Economic	Economic				https://mak.ac.ug/	No	No	No	Yes	
011	**Ethiopian Public Health Institute (EPHI) - NDMC**	Confirmed	National Public Health Institute	Ethiopia	Eastern Africa	National	Climate & Health, COVID-19, Malaria, NTDs, Infectious Diseases	Malaria; Infectious Diseases (general); Climate & Health; Vector-borne & NTDs; COVID-19	Statistical	Statistical	info@ephi.gov.et			Ethiopian Public Health Institute – To be Center of Excellence in Public Health in Africa	Yes	No	No	Yes	
012	**Kumasi Centre for Collaborative Research (KCCR)**	Pending	Research Institute	Ghana	Western Africa	National	Malaria	Malaria	Transmission	Transmission	info@kccr.de	EDCTP, Sanofi, MRC, Wellcome Trust, GHP		Vector-Borne Infectious Disease and Vector Biology – KCCR	Yes	Yes	No	Yes	
013	**Noguchi Memorial Institute for Medical Research (NMIMR)**	Confirmed	Research Institute	Ghana	Western Africa	National	Malaria, COVID-19, TB, Infectious Diseases, Economic	Malaria; TB; Infectious Diseases (general); COVID-19; Health Economics	Epidemiological	Epidemiological	info@noguchi.ug.edu.gh			Epidemiology - The Noguchi Memorial Institute for Medical Research	Yes	No	No	Yes	
014	**Institut Pasteur de Dakar (IPD)**	Pending	Non-profit	Senegal	Western Africa	West Africa	Epidemic Response	Epidemic Response & Preparedness	Epidemiological	Epidemiological	communications-ipd@pasteur.sn			IPD Home - Institut Pasteur Dakar	Yes	No	No	Yes	
015	**Botswana Harvard AIDS Institute Partnership (BHP)**	Confirmed	Academia	Botswana	Southern Africa	National	Computational Methods, HIV, TB	HIV; TB; Computational Methods, AI & Data	Epidemiological	Epidemiological	info@bhp.org.bw		AHRI, London school of tropical medicine, Stellenbosch University, UCT, Foundation for Innovative New Diagnostic	https://bhp.org.bw/	Yes	No	Yes	Yes	
016	**University of Namibia**	Pending	Academia	Namibia	Southern Africa	National	TB	TB	Epidemiological	Epidemiological		European Union, EDCTP3	UKRI, FCDO, EDCTP, EU	https://www.unam.edu.na/h3tb	No	Yes	Yes	Yes	
017	**Africa Health Research Institute - AHRI**	Confirmed	Research Institute	South Africa	Southern Africa	National	TB	TB	Epidemiological	Epidemiological			SACEMA (modelling team on recent TB grant)	https://www.ahri.org/about/	No	No	Yes	Yes	
018	**KEMRI-Wellcome Trust Research Programme (KWTRP)**	Confirmed	Research Institute	Kenya	Eastern Africa	National	Epidemic Response, Infectious Diseases, NCDs	Infectious Diseases (general); Epidemic Response & Preparedness; NCDs	Mathematical, Epidemiology	Mathematical; Epidemiological	info@kemri-wellcome.org		University of Oxford, Wellcome, KEMRI	https://kemri-wellcome.org/	Yes	No	Yes	Yes	
019	**Strathmore University Institute of Mathematical Sciences**	Confirmed	Academia	Kenya	Eastern Africa	East Africa	Economic	Health Economics	Mathematical	Mathematical	info@strathmore.edu		University of Kwazulu-Natal Inter-University Council for East Africa, Burbidge Capital	https://sims.strathmore.edu/about/	Yes	No	Yes	Yes	
020	**Center for Epidemiological Modelling and Analysis (CEMA)**	Confirmed	Academia	Kenya	Eastern Africa	Pan-African	Early Warning, Malaria, Infectious Diseases, NCDs	Malaria; Infectious Diseases (general); Surveillance & Early Warning; NCDs	Epidemiological, Statistical, Mathematical	Mathematical; Epidemiological; Statistical	info@cema.africa		KNBS, Gates Foundation, MoH, Kenyatta National Hospital, Washington state university, KEMRI, UoN	https://cema-africa.uonbi.ac.ke	Yes	No	Yes	Yes	
021	**World Health Organization AFRO (Dakar, Kenya)**	Confirmed	Public Health Agency	Multi-country	Multi-country	Pan-African	Epidemic Response	Epidemic Response & Preparedness		Not yet reported	afrgocom@who.int			https://www.afro.who.int/	Yes	No	No	Yes	
022	**African Institute for Mathematical Sciences (AIMS) - Rwanda, Cameroon, South Africa, Senegal, Cameroon, Ghana**	Confirmed	Network/Consortium	Multi-country	Multi-country	Pan-African	Computational Methods	Computational Methods, AI & Data	Mathematical, AI/ML	Mathematical; AI / Machine Learning	info@aims.ac.rw			https://aims.ac.rw	Yes	No	No	Yes	
023	**Modelling and Simulation Hub, Africa (MASHA) - UCT**	Confirmed	Research Institute	South Africa	Southern Africa	Pan-African	Epidemiological-Economic Modelling	Health Economics	Mathematical, Economic, Statistical, Epidemiological	Mathematical; Epidemiological; Statistical; Economic	masha@uct.ac.za	Gates Foundation, Wellcome, African Pandemic Science Collaborative	CSAG, ZIDMC, INS, ANU, SADC E8, CHAI, University of Pretoria, SAMRC	www.masha.uct.ac.za	Yes	Yes	Yes	Yes	
024	**Health Economics and Epidemiology Research Organisation (HE2RO)**	Confirmed	Research Institute	South Africa	Southern Africa	National	HIV, TB, COVID-19, Infectious Diseases	HIV; TB; Infectious Diseases (general); COVID-19	Economic, Mathematical	Mathematical; Economic	information@heroza.org			https://www.heroza.org/	Yes	No	No	Yes	
025	**South African COVID-19 Modelling Consortium (SACMC)**	Confirmed	Network/Consortium	South Africa	Southern Africa	National	COVID-19	COVID-19	Mathematical, Epidemiological	Mathematical; Epidemiological				https://sacovid19mc.github.io/#about_the_sacmc	No	No	No	Yes	
026	**Africa Modelling Network for NTDs (AM2NTD)**	Confirmed	Non-profit	Kenya	Eastern Africa	Pan-African	Neglected Tropical Diseases	Vector-borne & NTDs	Epidemiological	Epidemiological	am2ntd@cema.africa			https://am2ntd.org/	Yes	No	No	Yes	
027	**South African Medical Research Council (Biostatistics Unit) - SAMRC**	Confirmed	National Research Council	South Africa	Southern Africa	National	HIV, TB, Malaria	Malaria; HIV; TB	Mathematical, Statistical	Mathematical; Statistical	info@mrc.ac.za		Department of Health South Africa, MASHA	https://www.samrc.ac.za/research/intramural-research-units/Biostatistics	Yes	No	Yes	Yes	
028	**International Clinics on Infectious Disease Dynamics and Data**	Pending	Network/Consortium	Multi-country	Multi-country	Southern Africa	Infectious Diseases, Computational Methods, Capacity Building	Infectious Diseases (general); Capacity Strengthening; Computational Methods, AI & Data	Mathematical	Mathematical				https://www.icid3d.org/about	No	No	No	Yes	
029	**Malaria Modeling and Analytics: Leaders in Africa (MMALA)**	Confirmed	Network/Consortium	South Africa	Southern Africa	Southern Africa	Malaria, Capacity Building	Malaria; Capacity Strengthening	Mathematical	Mathematical	masha@uct.ac.za	Gates Foundation	National Malaria Programmes	https://gcgh.grandchallenges.org/grant/malaria-modeling-field-strengthening-mmala	Yes	Yes	Yes	Yes	
030	**African Modeling and Analytics Academy for Women (AMAX)**	Confirmed	Network/Consortium	Tunisia	Northern Africa	Pan-African	Women's Health, Capacity Building	Women's, Maternal & Newborn Health; Capacity Strengthening	Mathematical	Mathematical			Gates Foundation	https://gcgh.grandchallenges.org/challenge/strengthening-modeling-and-analytics-capacity-and-ecosystem-womens-health	No	No	Yes	Yes	
031	**HIV Modelling Consortium**	Confirmed	Network/Consortium	South Africa	Southern Africa	Pan-African	HIV	HIV	Mathematical	Mathematical		Gates Foundation		http://hivmodeling.org/	No	Yes	No	Yes	
032	**International Livestock Research Institute**	Pending	Research Institute	Kenya	Eastern Africa	Pan-African	Climate & Health	Climate & Health	Epidemiological	Epidemiological	ILRI-Kenya@cgiar.org	Wellcome	Mount Kenya University, CEMA - Nairobi, ICL and University of Bergen	https://www.ilri.org/	Yes	Yes	Yes	Yes	
033	**INDEPTH Network**	Confirmed	Network/Consortium	Multi-country	Multi-country	Pan-African	Epidemic Response	Epidemic Response & Preparedness	Epidemiological	Epidemiological	info@indepth-network.org			https://indepth-network.org/hdss-member-sites/	Yes	No	No	Yes	
034	**Centre for Infectious Disease and Epidemiology Research (CIDER)**	Confirmed	Regional Health Agency	South Africa	Southern Africa	National	Infectious Diseases, HIV, TB	HIV; TB; Infectious Diseases (general)	Epidemiological, Mathematical, Statistical	Mathematical; Epidemiological; Statistical				https://health.uct.ac.za/school-public-health/research-research-centres-units/centre-infectious-disease-epidemiology-and-research-cider	No	No	No	Yes	
035	**Africa Academy for Public Health (AAPH)**	Confirmed	Non-profit	Tanzania	Eastern Africa	National	HIV, NCDs	HIV; NCDs	Epidemiological, Mathematical, Statistical	Mathematical; Epidemiological; Statistical	info@aaph.or.tz	Gates Foundation	South African Centre for Epidemiological Modelling and Analysis, University of the Witwatersrand, Erasmus University Rotterdam, Heidelberg Institute of Global Health	https://www.aaph.or.tz/news-events/bridging-gap-integrating-hiv-care-non-communicable-disease-services-tanzania	Yes	Yes	Yes	Yes	
036	**African Consortium in Modeling for Effective Vector Control (ACoMVeC)**	Confirmed	Network/Consortium	South Africa	Southern Africa	Pan-African	Malaria	Malaria		Not yet reported	sheetal.silal@uct.ac.za				Yes	No	No	No	
037	**Malaria Modelling for Sustainable Public Health Policies in Africa (MalModAfrica)**	Confirmed	Network/Consortium	Rwanda	Eastern Africa	Pan-African	Malaria	Malaria		Not yet reported	charles.wondji@crid-cam.net				Yes	No	No	No	
038	**West Africa Mathematical Modeling Capacity Development (WAMCAD)**	Confirmed	Network/Consortium	Ghana	Western Africa	West Africa	Malaria	Malaria		Not yet reported	yafrane@ugh.edu.gh				Yes	No	No	No	
039	**Modelling for Health in Africa (ModHA)**	Confirmed	Network/Consortium	Kenya	Eastern Africa	Pan-African	Malaria, Infectious & Syndromic Diseases, HIV, Surveillance, Women's Health, Cervical Cancer, Gestational Diabetes, Health System Optimisation, Capacity Strengthening	Malaria; HIV; Infectious Diseases (general); Surveillance & Early Warning; NCDs; Women's, Maternal & Newborn Health; Health Systems & Equity; Capacity Strengthening		Not yet reported	f.badiane@scienceforafrica.foundation	Gates Foundation, Wellcome Trust			Yes	Yes	No	No	
040	**Applied Malaria Modelers Network (AMMNet)**	Confirmed	Network/Consortium	Kenya	Eastern Africa	Pan-African	Malaria	Malaria		Not yet reported	jgerardin@appliedhealthanalytics.org				Yes	No	No	No	
041	**Climate Sensitive Infectious Disease Network (CSIDNet)**	Confirmed	Network/Consortium	Kenya	Eastern Africa	East Africa	Malaria	Malaria		Not yet reported					No	No	No	No	
042	**Malaria Modelling Fellowship - Nigeria Field Epidemiology Training Program (NFETP)**	Confirmed	Network/Consortium	Nigeria	Western Africa	National	Malaria	Malaria		Not yet reported	kaduru@coronams.com				Yes	No	No	No	
043	**Zimbabwe Infectious Disease Modelling Consortium**	Confirmed	Network/Consortium	Zimbabwe	Southern Africa	National	Infectious Diseases/pandemic preparedness and response/ capacity strengthening,AI/ML/ Knowledge Translation	Infectious Diseases (general); Epidemic Response & Preparedness; Capacity Strengthening; Computational Methods, AI & Data	AI/ML, Integrated Epidemiological and Economic Modeling	Epidemiological; Economic; AI / Machine Learning; Mixed / Other	dzezai@zidmc.org.zw				Yes	No	No	No	
044	**Doctoral School, University of Burundi / Niyukuri Lab**	Confirmed	Academia	Burundi	Central Africa	Not specified	Malaria, Environmental/Climate Change,Control interventions	Malaria; Climate & Health; Health Systems & Equity		Not yet reported					No	No	No	No	
045	**Center for Tropical Diseases and Global Health (CTDGH), Université Catholique de Bukavu**	Confirmed	Research Institute	Democratic Republic of the Congo	Central Africa	Not specified		Not yet reported		Not yet reported					No	No	No	No	
046	**Institut National de Recherche Biomédical**	Confirmed	National Public Health Institute	Democratic Republic of the Congo	Central Africa	Not specified	Multiple / Infectious Diseases / Public Health	Infectious Diseases (general)		Not yet reported					No	No	No	No	
047	**Kinshasa School of Public Health (KSPH)**	Confirmed	Academia	Democratic Republic of the Congo	Central Africa	Not specified		Not yet reported		Not yet reported					No	No	No	No	
048	**Addis Ababa University**	Confirmed	Academia	Ethiopia	Eastern Africa	National		Not yet reported		Not yet reported					No	No	No	No	
049	**Haramaya University**	Confirmed	Academia	Ethiopia	Eastern Africa	National	Maternal health,Newborn health,Primary health care	Women's, Maternal & Newborn Health; Health Systems & Equity		Not yet reported					No	No	No	No	
050	**Medical Research Council Unit The Gambia (MRCG) @ the London School of Hygiene & Tropical Medicine (LSHTM)**	Confirmed	National Research Council	The Gambia	Western Africa	Not specified	Mpox, Malaria, Ebola	Malaria; Infectious Diseases (general)		Not yet reported	bubacarr.bah1@lshtm.ac.uk				Yes	No	No	No	
051	**Wadhwani Institute for Artificial Intelligence Foundation**	Confirmed	Non-profit	Kenya	Eastern Africa	Not specified	TB	TB		Not yet reported	prasaanth@wadhwaniaiglobal.com				Yes	No	No	No	
052	**Applied Health Analytics for Delivery & Innovation (AHADI)**	Confirmed	Not specified	Kenya	Eastern Africa	Pan-African	Malaria, Geospatial	Malaria; Computational Methods, AI & Data		Not yet reported					No	No	No	No	
053	**Malawi-Liverpool Wellcome Research Programme**	Confirmed	Not specified	Malawi	Southern Africa	Not specified		Not yet reported		Not yet reported	anja.terlouw@lstmed.ac.uk				Yes	No	No	No	
054	**Instituto Nacional de Saude (INS)**	Confirmed	National Public Health Institute	Mozambique	Southern Africa	National	Malaria, Cholera, Zoonose, Neglected tropical diseases	Malaria; Infectious Diseases (general); Vector-borne & NTDs	Epidemiological, Transmission, Ecological, Mathematical	Mathematical; Epidemiological; Transmission; Ecological & Vector	ayubo.kampango@ins.gov.mz	CAMMISA Consortium	Gates Foundation, Wellcome Trust, MASHA-UCT		Yes	Yes	Yes	No	
055	**Bayero University**	Confirmed	Academia	Nigeria	Western Africa	Not specified		Not yet reported		Not yet reported					No	No	No	No	
056	**Federal University of Technology, Akure**	Confirmed	Academia	Nigeria	Western Africa	Not specified		Not yet reported		Not yet reported				https://www.futa.edu.ng/	No	No	No	Yes	
057	**Georgetown Global Health LTD/GTE**	Confirmed	Academia	Nigeria	Western Africa	Not specified	Disease Surveillance	Surveillance & Early Warning		Not yet reported					No	No	No	No	
058	**Centre Suisse de Recherches Scientifiques en Côte d'Ivoire (CSRS)**	Confirmed	Academia	Côte d'Ivoire	Western Africa	Not specified		Not yet reported		Not yet reported				https://www.csrs.ch/fr	No	No	No	Yes	
059	**International Centre for Applied Mathematical Modelling and Data Analytics (ICAMMDA)**	Confirmed	Research Institute	Nigeria	Western Africa	Not specified		Not yet reported		Not yet reported					No	No	No	No	
060	**Quantium Health Ltd**	Confirmed	Private sector	South Africa	Southern Africa	Pan-African		Not yet reported		Not yet reported					No	No	No	No	
061	**South African National Bioinformatics Institute**	Confirmed	Research Institute	South Africa	Southern Africa	National		Not yet reported		Not yet reported					No	No	No	No	
062	**University of the Western Cape**	Confirmed	Academia	South Africa	Southern Africa	Not specified		Not yet reported		Not yet reported					No	No	No	No	
063	**Ifakara Health Institute**	Confirmed	Research Institute	Tanzania	Eastern Africa	East Africa	Malaria	Malaria	Vector Modelling, Epidemiological, Statistical, Mathematical	Mathematical; Epidemiological; Statistical; Ecological & Vector	oed@ihi.or.tz	Wellcome Trust, Gates Foundation, EU			Yes	Yes	No	No	
064	**Institut Pasteur de Tunis**	Confirmed	Research Institute	Tunisia	Northern Africa	National		Not yet reported		Not yet reported					No	No	No	No	
065	**The Infectious Diseases Institute Limited**	Confirmed	Research Institute	Uganda	Eastern Africa	Not specified	Diarrheal Disease, Etiologies	Infectious Diseases (general); Computational Methods, AI & Data		Not yet reported					No	No	No	No	
066	**University of Zambia**	Confirmed	Academia	Zambia	Southern Africa	Not specified	Vaccine health economics	Vaccines & Immunisation; Health Economics		Not yet reported	isaac.fwemba@unza.zm	Wellcome Trust			Yes	Yes	No	No	
067	**Zambia National Public Health Institute (ZNPHI)**	Confirmed	National Public Health Institute	Zambia	Southern Africa	National		Not yet reported		Not yet reported	peterfunsani@hotmail.com				Yes	No	No	No	
068	**Vaccine Impact Modelling Consortium Climate Programme (CRID Cameroon, CSRS Côte d'Ivoire, IP Tunis, Federal Univ of Technology Akure)**	Confirmed	Network/Consortium	Multi-country	Multi-country	Pan-African	Vaccines, Health Economics, CSID	Climate & Health; Vaccines & Immunisation; Health Economics		Not yet reported		Wellcome Trust		https://www.vaccineimpact.org/climateprogramme	No	Yes	No	Yes	
069	**Centre for Research in Infectious Diseases (CRID)**	Confirmed	Research Institute	Cameroon	Central Africa	Pan-African	Malaria, Sleeping sickness, Yellow fever and emerging vector-borne diseases like Zika or Dengue.	Malaria; Vector-borne & NTDs	Mathematical	Mathematical				https://crid-cam.com/mathematical-modelling-unit/	No	No	No	Yes	
070	**Algiers University**	Pending	Academia	Algeria	Northern Africa	National	Epidemiology, Infectious Diseases	Infectious Diseases (general)	Mathematical	Mathematical					No	No	No	No	
071	**Centre de Recherche Entomologique de Cotonou (CREC)**	Confirmed	Research Institute	Benin	Western Africa	West Africa	Malaria, vector borne disease, vector control	Malaria; Vector-borne & NTDs	Mathematical, spatial, transmission	Mathematical; Transmission; Spatial / Geospatial					No	No	No	No	
072	**University of Dschang**	Confirmed	Academia	Cameroon	Central Africa	Pan-African	HPV, cervical cancer, vaccination, epidemriology	Infectious Diseases (general); NCDs; Vaccines & Immunisation; Women's, Maternal & Newborn Health	Mathematical	Mathematical	bergetsanou@gmail.com				Yes	No	No	No	
073	**Pasteur Institute of Cote d'Ivoire**	Pending	Research Institute	Côte d'Ivoire	Western Africa	West Africa	Infectious diseases, epidemiology	Infectious Diseases (general)		Not yet reported					No	No	No	No	
074	**Universite Felix Houphouet Bigny et Programme Elargi de Vaccination**	Confirmed	Academia	Côte d'Ivoire	Western Africa	West Africa	Vaccination, infectious diseases	Infectious Diseases (general); Vaccines & Immunisation	Epidemiological, statistical	Epidemiological; Statistical					No	No	No	No	
075	**University of Nigeria**	Confirmed	Academia	Nigeria	Western Africa	West Africa	Vaccines Health Economics	Vaccines & Immunisation; Health Economics		Not yet reported					No	No	No	No	
076	**Ethio-Era Health Consultancy Service**	Pending	Private sector	Ethiopia	Eastern Africa	National		Not yet reported		Not yet reported					No	No	No	No	

ID	Organisation / Initiative	Validation Status	Organisation Type	Country Based	HQ Sub-region	Geographical Scope	Thematic Focus (as reported)	Thematic Areas (standardised)	Modelling Type (as reported)	Modelling Approaches (standardised)	Contact	Funder(s)	Collaborations / Partnerships	Website / Source	Has Contact	Has Funder	Has Collaboration	Has Website	Data Notes
077	**Health Poverty Action**	Pending	Non-profit	Ethiopia	Eastern Africa	Pan-African		Not yet reported		Not yet reported					No	No	No	No	
078	**Mekelle University**	Pending	Academia	Ethiopia	Eastern Africa	National		Not yet reported	Mathematical, compartmental	Mathematical					No	No	No	No	
079	**University Of Gondar**	Confirmed	Academia	Ethiopia	Eastern Africa	National		Not yet reported	Mathematical, epidemiological	Mathematical; Epidemiological					No	No	No	No	
080	**C. K. Tedam University of Technology and Applied Sciences**	Pending	Academia	Ghana	Western Africa	National		Not yet reported		Not yet reported					No	No	No	No	
081	**University for Development Studies**	Pending	Academia	Ghana	Western Africa	West Africa	Health care efficiency, epidemiology	Infectious Diseases (general); Health Systems & Equity	Statistical, quantitative modelling	Statistical					No	No	No	No	
082	**University of Health and Allied Sciences**	Pending	Academia	Ghana	Western Africa	National		Not yet reported		Not yet reported					No	No	No	No	
083	**University of Mines and Technology**	Pending	Academia	Ghana	Western Africa	National		Not yet reported		Not yet reported					No	No	No	No	
084	**Mount Kenya University**	Pending	Academia	Kenya	Eastern Africa	East Africa		Not yet reported		Not yet reported					No	No	No	No	
085	**Quantitative Data for Decision-Making (Q4D-Lab)**	Confirmed	Non-profit	Liberia	Western Africa	West Africa	Infectious diseases, Capacity Strengthening, Quantitative decision making	Infectious Diseases (general); Health Systems & Equity; Capacity Strengthening	Epidemiological, Mathematical	Mathematical; Epidemiological				https://www.q4dlab.org/	No	No	No	Yes	
086	**Jhpiego Madagascar**	Pending	Non-profit	Madagascar	Eastern Africa	Southern Africa		Not yet reported		Not yet reported					No	No	No	No	
087	**Centre for Epidemiological and Mathematical Research (CEMAR)**	Confirmed	Research Institute	Malawi	Southern Africa	Southern Africa		Not yet reported		Not yet reported					No	No	No	No	
088	**Malawi University of Business and Applied Sciences**	Pending	Academia	Malawi	Southern Africa	National		Not yet reported		Not yet reported					No	No	No	No	
089	**Center for Vaccine Development Mali (CVD-Mali)**	Pending	Research Institute	Mali	Western Africa	West Africa		Not yet reported		Not yet reported					No	No	No	No	
090	**Mohammed VI University of Sciences and Health**	Pending	Academia	Morocco	Northern Africa	North Africa		Not yet reported		Not yet reported					No	No	No	No	
091	**Acasus**	Pending	Private sector	Nigeria	Western Africa	Pan-African		Not yet reported		Not yet reported					No	No	No	No	
092	**AFENET**	Confirmed	Network/Consortium	Nigeria	Western Africa	Pan-African	Polio risk modelling	Vaccines & Immunisation		Not yet reported					No	No	No	No	
093	**Federal University Wukari**	Pending	Academia	Nigeria	Western Africa	National		Not yet reported		Not yet reported					No	No	No	No	
094	**McPherson University, Ogun State**	Pending	Academia	Nigeria	Western Africa	National		Not yet reported		Not yet reported					No	No	No	No	
095	**Obafemi Awolowo University, OAU**	Pending	Academia	Nigeria	Western Africa	National		Not yet reported		Not yet reported					No	No	No	No	
096	**Osun State University**	Pending	Academia	Nigeria	Western Africa	West Africa		Not yet reported		Not yet reported					No	No	No	No	
097	**Solina Centre for International Development and Research**	Pending	Private sector	Nigeria	Western Africa	West Africa		Not yet reported		Not yet reported					No	No	No	No	
098	**Sydani Group**	Confirmed	Private sector	Nigeria	Western Africa	Pan-African		Not yet reported		Not yet reported					No	No	No	No	
099	**University of Ilorin, Ilorin, Kwara State**	Pending	Academia	Nigeria	Western Africa	West Africa		Not yet reported		Not yet reported					No	No	No	No	
100	**University of Maiduguri**	Pending	Academia	Nigeria	Western Africa	National		Not yet reported		Not yet reported					No	No	No	No	
101	**University of Medical Sciences Ondo**	Pending	Academia	Nigeria	Western Africa	Pan-African		Not yet reported		Not yet reported					No	No	No	No	
102	**University of Ibadan**	Pending	Academia	Nigeria	Western Africa	Pan-African	Infectious Diseases	Infectious Diseases (general)	Mathematical, epidemiological, statistical	Mathematical; Epidemiological; Statistical					No	No	No	No	
103	**Cheikh Hamidou Kane Digital University**	Pending	Academia	Senegal	Western Africa	National		Not yet reported		Not yet reported					No	No	No	No	
104	**Université Cheikh Anta Diop (UCAD), incl. CIGASS**	Pending	Academia	Senegal	Western Africa	Pan-African		Not yet reported		Not yet reported					No	No	No	No	
105	**Somali National University**	Pending	Academia	Somalia	Eastern Africa	National		Not yet reported		Not yet reported					No	No	No	No	
106	**Somali One Health Centre**	Confirmed	Research Institute	Somalia	Eastern Africa	East Africa		Not yet reported		Not yet reported					No	No	No	No	
107	**Climate System Analysis Group (CSAG), University of Cape Town**	Confirmed	Academia	South Africa	Southern Africa	Pan-African	Climate and Health (CSID, heat - health, air quality - respiratory health)	Climate & Health	dynamical, statistical (other)	Statistical; Mixed / Other	lisa.vanaardenne@uct.ac.za	Wellcome, NIH	University of Cape Town (MASHA, African Climate & Development Initiative, Allergology and Clinical Immunology), SAMRC (Malaria, Environment and Health) Other climate research organisations.	https://www.csag.uct.ac.za/	Yes	Yes	Yes	Yes	
108	**National Institute for Communicable Diseases (NICD)**	Confirmed	National Public Health Institute	South Africa	Southern Africa	National	Wide range of activities in communicable diseases	Infectious Diseases (general)	Statistical	Statistical					No	No	No	No	
109	**University of the Witwatersrand – School of Statistics and Actuarial Science**	Pending	Academia	South Africa	Southern Africa	National		Not yet reported		Not yet reported					No	No	No	No	
110	**Wits Health Consortium (University of the Witwatersrand)**	Confirmed	Academia	South Africa	Southern Africa	Pan-African		Not yet reported		Not yet reported					No	No	No	No	*Also operates in Malawi and Kenya.*
111	**Kampala International University in Tanzania**	Pending	Academia	Tanzania	Eastern Africa	East Africa		Not yet reported		Not yet reported					No	No	No	No	
112	**University of Dar es Salaam**	Confirmed	Academia	Tanzania	Eastern Africa	Pan-African		Not yet reported		Not yet reported					No	No	No	No	
113	**Infectious Diseases Research Collaboration**	Pending	Non-profit	Uganda	Eastern Africa	Pan-African		Not yet reported		Not yet reported					No	No	No	No	
114	**MUJHU care Ltd | MUJHU Research Organisation**	Pending	Research Institute	Uganda	Eastern Africa	Not specified		Not yet reported		Not yet reported					No	No	No	No	
115	**Johns Hopkins Bloomberg School of Public Health**	Pending	Academia	Zambia	Southern Africa	Not specified		Not yet reported		Not yet reported					No	No	No	No	
116	**National Health Research and Training Institute (Formerly Tropical Diseases Research Centre)**	Pending	Research Institute	Zambia	Southern Africa	Not specified		Not yet reported		Not yet reported					No	No	No	No	
117	**Southern African Institute for Collaborative Research and Innovation Organisation**	Pending	Non-profit	Zambia	Southern Africa	Not specified		Not yet reported		Not yet reported					No	No	No	No	
118	**Project HOPE Ethiopia**	Confirmed	Non-profit	Ethiopia	Eastern Africa	International	Health Equity,Malaria	Malaria; Health Systems & Equity	Pathways Approach/ Statistical	Statistical; Mixed / Other	AWorku@projecthope.org /SGebremedhin@projecthope.org	Gates Foundation	EPHI, MoH Ethiopia, IDM Pathways, Sonder	https://www.projecthope.org/region/africa/ethiopia/	Yes	Yes	Yes	Yes	

Summary Tables

Live counts calculated from the Database tab. These tables feed the Dashboard charts — edit the Database, not these cells.

Records by country base

Country	Count	% of records
Nigeria	19	16%
South Africa	18	15%
Kenya	13	11%
Ethiopia	8	7%
Ghana	7	6%
Uganda	6	5%
Zambia	5	4%
Senegal	4	3%
Tanzania	4	3%
Côte d'Ivoire	3	3%
Democratic Republic of the Congo	3	3%
Malawi	3	3%
Cameroon	2	2%
Rwanda	2	2%
Somalia	2	2%
Tunisia	2	2%
Algeria	1	1%
Benin	1	1%
Botswana	1	1%
Burundi	1	1%
Liberia	1	1%
Madagascar	1	1%
Mali	1	1%
Morocco	1	1%
Mozambique	1	1%
Namibia	1	1%
The Gambia	1	1%
Zimbabwe	1	1%
Multi-country	5	4%

Records by organisation type

Organisation type	Count	% of records
Academia	48	41%
Research Institute	23	19%
Network/Consortium	17	14%
Non-profit	11	9%
National Public Health Institute	6	5%
Private sector	5	4%
National Research Council	3	3%
Not specified	2	2%
Public Health Agency	2	2%
Regional Health Agency	1	1%

Thematic areas (standardised)

Multi-select: one organisation can count in several areas.

Thematic area	Count	% of records
Infectious Diseases (general)	23	19%
Malaria	22	19%
TB	9	8%
HIV	8	7%
Epidemic Response & Preparedness	8	7%
Climate & Health	7	6%
NCDs	7	6%
Vaccines & Immunisation	7	6%
Health Systems & Equity	7	6%
Capacity Strengthening	7	6%
Vector-borne & NTDs	6	5%
COVID-19	6	5%
Health Economics	6	5%
Computational Methods, AI & Data	6	5%
Surveillance & Early Warning	5	4%
Women's, Maternal & Newborn Health	4	3%

Records by HQ sub-region

Sub-region (AU grouping)	Count	% of records
Western Africa	37	31%
Eastern Africa	36	31%
Southern Africa	30	25%
Central Africa	6	5%
Multi-country	5	4%
Northern Africa	4	3%

Modelling approaches (standardised)

Multi-select: one organisation can count in several approaches.

Approach	Count	% of records
Mathematical	26	22%
Epidemiological	26	22%
Statistical	14	12%
Economic	4	3%
Transmission	4	3%
AI / Machine Learning	3	3%
Ecological & Vector	3	3%
Mixed / Other	3	3%
Spatial / Geospatial	2	2%
Forecasting	1	1%

Records by geographical scope

Scope of work	Count	% of records
National	44	37%
Pan-African	29	25%
Not specified	19	16%
West Africa	13	11%
East Africa	7	6%
Southern Africa	4	3%
International	1	1%
North Africa	1	1%

Validation status

Status	Count	% of records
Confirmed	75	64%
Pending	43	36%

Data completeness

Field	Records with data	% complete
Thematic focus	68	58%
Modelling type	50	42%
Website / source	41	35%
Contact	40	34%
Collaborations	17	14%
Funder(s)	15	13%