

Data at the intersection of climate and health

Many climate-related diseases are preventable and treatable, but addressing them requires timely, localized, and inclusive data.

Join us to protect the most vulnerable communities from the growing threats of a changing climate.



The effects of climate change are increasing the prevalence and reach of diseases, putting the health of millions of people at risk, particularly in communities already affected by Neglected Tropical Diseases (NTDs).

By developing the skills of data professionals and government institutions and working to institutionalize the use of citizen data, we're bringing our expertise to improve public health responses, resource allocation, and emergency response protocols.


The power of citizen data for health action

Better data is the difference between a fragmented response and lives saved. Citizen data fills critical gaps, makes systems more representative, and turns community insight into faster, better decisions.

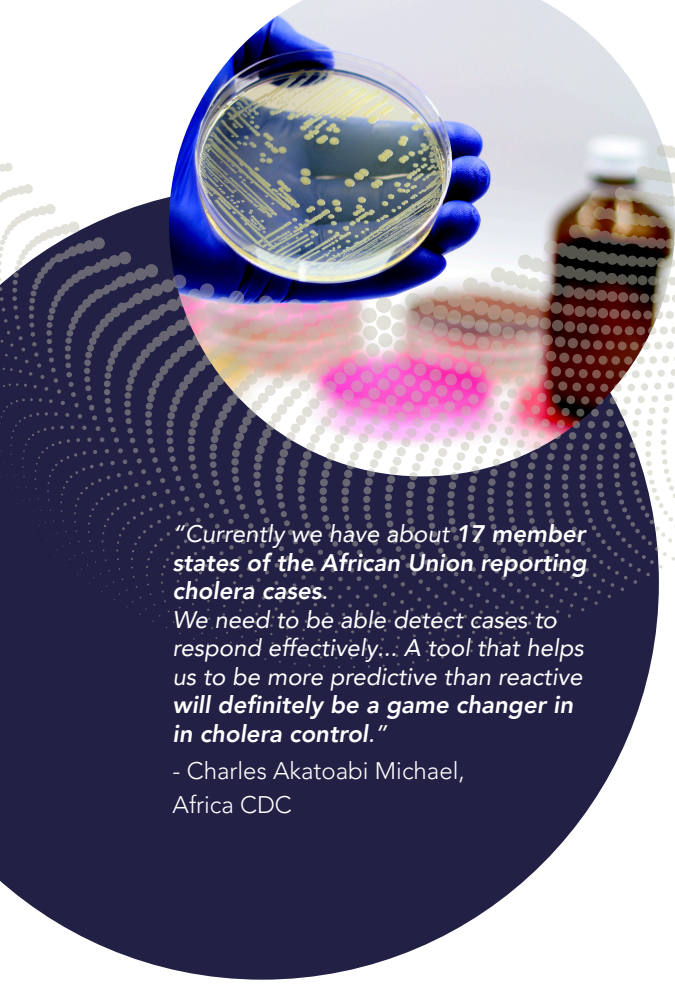
We connect citizen data to official systems to inform policy and practice. We broker partnerships between government, civil society, and communities to help build the skills, institutional capacities, and governance needed, to foster collaboration and trust in how citizen data is used.

In Kenya, our antimicrobial resistance (AMR) pilot showed how citizen data can both inform policy and mobilize communities—delivering better inputs for decision-making and greater public awareness and engagement.

Collaborators: Wellcome Trust; The Kenya National Bureau of Statistics (KNBS); Africa Voices Foundation



Our recent six-country scoping study shows that citizen data can drive quick, measurable gains against infectious diseases by highlighting problems quickly, guiding resources, and strengthening community feedback. When applied to real life situations, the potential for citizen data to save countless lives is huge.



“Currently we have about 17 member states of the African Union reporting cholera cases.

We need to be able detect cases to respond effectively... A tool that helps us to be more predictive than reactive will definitely be a game changer in cholera control.”

- Charles Akatoabi Michael,
Africa CDC

See the future and plan ahead with data

Acting when it matters means harnessing every insight we can, from satellites tracking climate shifts to predictive models spotting health risks before they erupt. We strengthen national data systems and build capacity across government and civil society so local teams can access, analyze, and act quickly to mitigate risks.

Drawing on our in-country networks and consultations, we co-design tailored solutions and training that fit local needs—and are sustainable and replicable.

Following our engagement in Nigeria, the government is now using machine learning to predict areas at risk of cholera outbreaks, helping health reduce response time and outbreak severity.

Collaborators: Wellcome Trust; Data.org; Nigeria’s National Bureau of Statistics; Federal Ministry of Health and Social Welfare

Capacity Accelerator Network

Africa climate and health data

The CAN initiative leverages data science and analytics to address critical climate, health, and environmental challenges across Africa.

We do this through tailored training programs, fellowships, capacity-building workshops, collaborative projects, and strategic partnerships.

Since 2024:

- **250 professionals** have taken part in CAN trainings
- **31 partners** have been engaged across Africa.
- **22 CAN fellows** have delivered innovative data science solutions.

WAYS TO WORK WITH US



Find fit-for-purpose data solutions for climate-sensitive health challenges

We broker tools, methods, and partners from our network to match country needs.



Build lasting data capacity in climate and health ministries

Through targeted training and embedded fellows, we deliver the best available data for climate–health policy.



Make citizen data evidence-ready

We help institutions set up the rules, roles, and capacities so citizen data strengthens climate–health strategies.