Context: Digital Square Global Goods

Digital Square is an innovative multi-donor initiative that creates a thriving global marketplace for digital health. It coordinates stakeholders and funders to align digital health priorities with country needs, advances scalable and sustainable digital public goods (global goods), and supports countries in adapting and deploying digital health technologies. Since its inception in 2016, Digital Square has mobilized over $140 million for digital health transformation across 33 countries. By partnering with governments, donors, and the private sector, it improves the design, use, and funding of digital health tools, enhancing healthcare delivery worldwide.

SORMAS – the Integration of One Health to Build Climate-Resilient Surveillance Systems

The collaborative efforts of ANACIM, during the 2014-2015 Ebola epidemic, Nigerian authorities identified several challenges in outbreak management, which seriously hindered the appropriate application of disease control and response measures. SORMAS, an open-source platform that enables real-time data sharing and task management, was created to address gaps in surveillance and outbreak management in Nigeria.

With the onset of the COVID-19 pandemic, SORMAS was adapted with a disease-specific module and additional features. Its demand at a global level exponentially increased exponentially, leading to its use in additional countries including Ghana, Ivory Coast, Nepal, Tunisia, Djibouti, Afghanistan, Luxembourg, and Bolivia.

To address the growing threat of climate change-related infectious diseases and emergencies, SORMAS will integrate the One Health approach. As a first step, a new module for environmental surveillance has been created, that triangulates environmental and epidemiological data to make early warning, control, and response efforts more effective.

How SORMAS operates

Detect	Investigate	Control
Notification, Screening	Validation, Analysis	Treatment, Containment

Laboratory officer
Lab technician

Hospital informant
Nurse, clinician

Surveillance officer
District DSNO

Surveillance supervisor
Epidemiologist

Case supervisor
Head of isolation unit

Community informant

SORMAS

SORMAS users

Case officer
Nurse

Point of entry officer
Airport, border

Contact officer
Assistant DSNO

Citizen hotline

Rumor officer
Public hotline

Contact supervisor
Epidemiologist