

Reaching Impact, Saturation and Epidemic Control (RISE)

COVID-19 Preparedness and Response Capabilities

March 2022

RISE Project Overview

RISE, a 5-year global project funded by the U.S. Agency for International Development (USAID), works with countries to achieve a shared vision of attaining and maintaining HIV epidemic control, with stronger local partners capable of managing and achieving results through sustainable, self-reliant, and resilient health systems by 2024.

Key Award Information – RISE

- RISE is positioned to provide service delivery, technical assistance (TA), and health system support to respond to the COVID-19 pandemic
- RISE partners are present in 46 countries
- RISE has built collaborative networks with academic institutions worldwide to support the delivery of high-quality TA

RISE has directly supported COVID-19 emergency response programs in **Afghanistan, Bangladesh, Burundi, Cote d'Ivoire, Ecuador, Ghana, India, Kenya, Lesotho, Mozambique, Namibia, Nigeria, and Rwanda.**

RISE Technical Areas by Country

	Vaccines	Clinical Case Management	Oxygen Ecosystem	Laboratory & Surveillance	PEPFAR COVID Mitigation
Afghanistan					
Bangladesh					
Burundi					
Cote d'Ivoire					
Ecuador					
Ethiopia					
Ghana					
India					
Kenya					
Lesotho					
Mozambique					
Namibia					
Nigeria					
Rwanda					

RISE COVID-19 Project Highlights

Ghana Establishes a Local COVID-19 Expert Cohort

RISE's partnership with the Ghana Health Service helped strengthen



health worker's skills in advanced respiratory therapy and deliver equipment necessary for managing COVID-19 to 26 treatment centers throughout the country. RISE

Ghana developed immersive clinical training opportunities for district level clinicians. Participants were enrolled in two-week in person training ("clinical elective") at Korle-Bu teaching hospital in Accra, with post-training ongoing support using a WhatsApp-based COP.

Oxygen Infrastructure Support in Mozambique

RISE established end to end infrastructure, including adding piping and electricity, to facilitate immediate oxygen use for clients. This included not just physical infrastructure but also brand new COVID -19 protocols and job aids, like the creation of simple facility-based oxygen dashboards to track and monitor daily consumption.

For more information, contact:


At RISE: Kelly Curran, RISE Project Director (kelly.curran@jhpiego.org)
 At USAID: Elizabeth Berard, USAID Agreement Officer's Representative (eberard@usaid.gov);
 Jacqueline Firth, USAID Alternate Agreement Officer's Representative (ifirth@usaid.gov)



36% of Lesotho Fully Vaccinated

RISE leveraged existing HIV approaches and key strategic partnerships to reach adults eligible for COVID-19 vaccination and amplify overall impact. With RISE's support, Lesotho has fully vaccinated 36.2% of their population (446,287 people) against COVID-19. Prior to vaccine introduction in Lesotho, RISE provided technical assistance to help the Ministry of Health prepare a vaccine rollout plan. In March 2021, when the first COVID-19 vaccines were delivered to Lesotho, RISE trained frontline workers and aided in service delivery. RISE also facilitated the diversion of Ministry of Health staff to vaccination outreach services, such as pop-up vaccination sites in towns and villages, to increase vaccination rates.





In the facility

Clinical Case Management
Delivery using mixed modalities (workshops, web- or game-based, communities of practice, Project ECHO, WhatsApp, local trainers, asynchronous, clinical electives, simulation-based training)

Topics

- Hypoxia
- COVID-19 updates
- COVID-19 pregnancy
- Critical care skills
- Triage
- Long COVID
- Mental health and resilience
- Pediatrics
- Infection prevention and control/water, sanitation, and hygiene
- HIV/TB service delivery

In partnership with JHU Center for Global Emergency Care and academic leaders around the world.

Oxygen Ecosystem Strengthening

- Pressure swing absorption installation coordination or repair
- Facility infrastructure (piping, cement, electrical)
- Liquid oxygen procurement and vendor bidding

Service Delivery Infrastructure


- Forecasting consumable needs, stockpiles, equipment maintenance and training
- Vendor connection and procurement
- Troubleshooting/root cause analysis
- Training of biomedical engineers and safety officers and providing personal protective equipment


Intensive Care Unit (ICU) Capacity


- Capacity assessment
- Telemedicine ICU
- Training
- Job Aids

Prevention & Preparedness

- Vaccinations
- Laboratory strengthening and surveillance
- State-level preparedness assessments
- Incident command planning and emergency response operations support







Health Systems Strengthening

- Hub and spoke
- Referral networks
- Prehospital or intrahospital support
- Home-based care support
- District-based triage support
- Capacity modeling to optimize patient flow

Strategic Partnerships

Local	International
<ul style="list-style-type: none"> • Bangladesh Society of Anesthesiologists • Ecuador National Directorate of Hospitals & Infrastructure, Universidad San Francisco de Quito, Municipality of the Metropolitan District of Quito, Vice-Presidency • Ghana National Case Management Team, Ghana Health Service: Institutional Care Division, Clinical Engineering Unit, Estates Unit • All India Institute of Medical Science, India COVID-19 Task Force, Council of Medical Research, Amrita University • Expanded Program of Immunization 	<ul style="list-style-type: none"> • Kenya Ministry of Public Works, Emergency Medicine Society of Kenya • Nigeria presidential COVID task team • Ethiopia Information Technology Directorate • Rwanda Biomedical Center, Clinical and Public Health Services & HMIS Departments • Lesotho District & Hospital Management Teams, Estates Management Unit, Oxygen Task Force • Mozambique Provincial & District Health Directorates, National Case Management & Oxygen teams, CICOVs
	<ul style="list-style-type: none"> • Johns Hopkins: Center for Global Emergency Care, India Institute COVID-19 Task Force, Armstrong Institute for Patient Safety & Quality • Epic/FHI360 • STAR/UCSF, Open Critical Care • PSM/Chemonics • Assist International • International Federation for Emergency Medicine • Society of Critical Care Medicine • WHO SAGE Working Group on COVID-19 Vaccines • Rikair
	<ul style="list-style-type: none"> • Project ECHO • Lecturio • Every Breath Counts Coalition • FIND • PATH • PANIIT • McKinsey • Laerdal • AIFluence • 3Analytics • International Engineering Consortium • CHAI • CDC Global Health Security Award • UNICEF • EGPAF • CDDEP

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