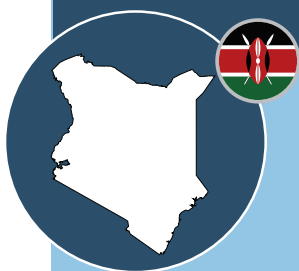


Kenya



While Kenya has made efforts to strengthen oxygen access, the COVID-19 pandemic highlighted that the current oxygen systems are insufficient to keep up with demand.

As of 2020, the Kenya Ministry of Health, with support from PATH and other partners, carried out multiple initiatives to improve reliable supply of medical oxygen, including:

ASSESSMENT

In partnership with Mediquip, carried out a **rapid inventory assessment** on oxygen equipment in 24 facilities across six counties, which demonstrated that many health facilities are not adequately prepared to meet the oxygen needs due to COVID-19. The results were used to inform the country's strategic priorities for addressing oxygen gaps due to COVID-19.



COORDINATION & STRATEGIC PLANNING

Currently developing a national **Kenya Oxygen Policy** in collaboration with key partners, which will build on the medical device management policy (2019-2023).



EQUIPMENT PROCUREMENT & REPAIR & CAPACITY-BUILDING

+ In partnership with Mediquip:

- » Assessed 133 respiratory care devices, which led to the service, repair, and procurement of spare parts for **120 pieces of respiratory care equipment**, including oxygen concentrators, patient monitors, and electrical suction devices.
- » Assessed 11 pressure swing adsorption (PSA) oxygen plants, which is informing the service, repair, and/or procurement of plant kits and spare parts for **5 PSA plants**.
- » Extended oxygen **pipng infrastructure in two hospitals**, including connecting 60 beds to oxygen; procuring and installing 35 oxygen outlets, four 2x2 manifold systems, and three 1x1 manifold systems; and procuring, installing, and testing three alarm systems.



+ Carrying out assessments to **understand the systems' issues**—such as lack of spare parts, miscommunication on procurement necessities, and limited staff capacity in equipment maintenance—and needed improvements for overall medical device access. This work will support future efforts to improve the sustainability of functional equipment and supplies for oxygen therapy.



+ Trained **700 health care workers** in COVID-19 detection, **1,000 community health workers** in infection prevention and control, and **92 government biomedical engineers** on repair and servicing of respiratory care equipment and PSA plants.



With an emphasis on sustainable methods for managing and maintaining respiratory care equipment, Kenya is well positioned to scale up oxygen across all levels of the health system.

Procuring and installing oxygen-generating equipment and oxygen delivery infrastructure, repairing nonfunctional equipment, and building capacity of biomedical engineers in equipment management will be critical priorities to sustain this progress.