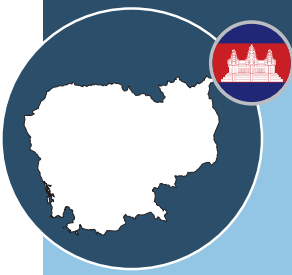


Cambodia



Cambodia's oxygen system has long-struggled to meet the demand for this lifesaving medicine.

COVID-19 stressed already-strained systems, catalyzing the Cambodian government and partners like the Clinton Health Access Initiative (CHAI) into action to address critical gaps in oxygen policy, supply, distribution, and administration, including:

ASSESSMENT

+ Completed **biomedical equipment assessments** in 122 health facilities:

- » Data from the assessments informed the Oxygen Preparedness Plan and supported the Global Fund (GF) COVID-19 Response Mechanism (C19RM) application to fill oxygen equipment and supply gaps found in the assessments. This resulted in an investment of US\$7.3M for oxygen, including procurement of vital oxygen equipment and supplies as well as upgrading data management systems and incorporating oxygen-related indicators into existing health information systems.



COORDINATION & STRATEGIC PLANNING

+ Convenes a **biweekly oxygen technical working group** to share information about oxygen-related activities, including procurements. This group reviewed an analysis of pressure swing absorption (PSA) oxygen plant operational costs to map out sustainable financing plans and is exploring a hub-and-spoke model for oxygen distribution to ensure the plants are cost-efficient.

+ Finalized a one-year **Oxygen Preparedness Plan** covering all aspects of oxygen systems, including plan implementation, use of GF allocations for established activities, and planning for long-term systems strengthening, which will be regularly reviewed to track the plan's implementation and progress.

+ Conducted a **dissemination workshop** for the plan, co-funded by World Health Organization (WHO) Cambodia and CHAI, with a broader subset of partners and all 24 provinces nationwide to ensure broad adoption.



EQUIPMENT PROCUREMENT & REPAIR & CAPACITY-BUILDING

+ Through the GF C19RM, procured around **9,000 cylinders** (size 4 liters).

+ Through coordination of the oxygen technical working group, secured funding from various donors to procure and install **42 PSA plants** nationwide.

+ Developed and disseminated a **procurement tracker** to track incoming equipment and coordinate distribution. The tracker houses data on national procurements funded by the Asian Development Bank, World Bank, WHO, Ministry of Health, United Nations Office for Project Services, and United Nations Children's Fund and identifies funding gaps to guide future investments.

+ Conducted a series of **clinical trainings** to strengthen human resource capacity for effective oxygen delivery, including two virtual sessions to build the capacity of two lead trainers from each provincial hospital across all 24 provinces with subsequent in-person coaching.

+ Incorporated **training of biomedical engineers** as part of the GF's allocation, which will be implemented in 2022.



With support from CHAI and relevant partners, the Ministry of Health drastically improved access to medical oxygen, implementing initiatives that enable health facilities to address acute oxygen needs related to COVID-19 while putting systems in place for sustainable oxygen delivery. Through these efforts, Cambodia is developing the necessary underlying infrastructure for a comprehensive national oxygen system that successfully meets demand.