



**USAID**  
FROM THE AMERICAN PEOPLE

**EpiC**  
Meeting Targets and  
Maintaining Epidemic Control

# MEETING TARGETS AND MAINTAINING EPIDEMIC CONTROL (EpiC) Oxygen Infrastructure



2022 - 2024



Implementer: FHI 360

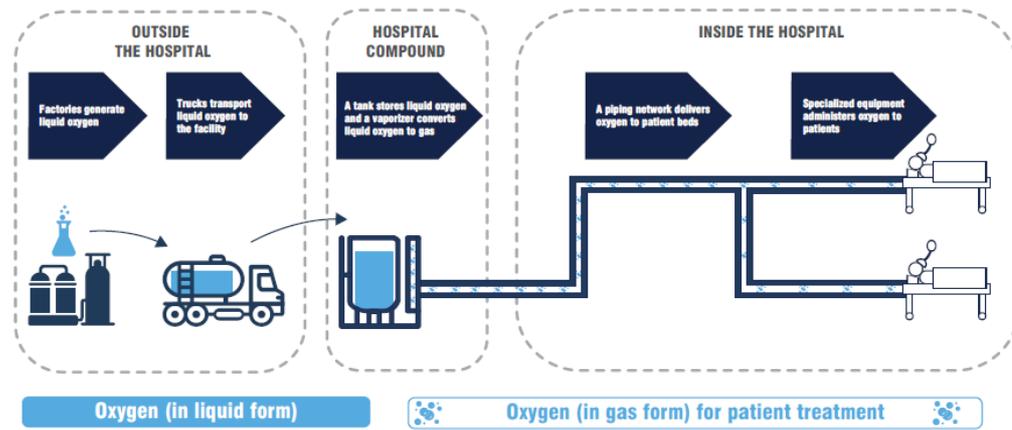
Photo: Dreamer's Theater

**Meeting Targets and Maintaining Epidemic Control (EpiC)** is a global project funded by the U.S. President's Emergency Plan for AIDS Relief (PEPFAR) and the United States Agency for International Development (USAID). EpiC Vietnam's goal is to deliver efficient, affordable, results-based technical assistance and direct services while closing remaining gaps in Vietnam's efforts to meet HIV epidemic control targets, ensure global health security, combat trafficking in persons, and address oxygen and mental health needs. EpiC's oxygen work is funded directly via USAID.

## RESOURCING COVID-19 AND RESPIRATORY DISEASES RESPONSES

EpiC works closely with the Ministry of Health, provincial departments of health, and selected facilities to identify and address gaps in oxygen access and support the creation of appropriate, technically sound, and sustainable liquid oxygen infrastructure and equipment. The project is assisting 23 hospital systems over three years. Each system includes a cryogenic tank for storing liquid oxygen, a vaporizer to convert it to gas, regulators to manage pressure, and a medical-grade piping system that delivers oxygen to patient wards and beds.

## A LIQUID OXYGEN SYSTEM



## TECHNICAL ASSISTANCE TO IMPROVE SUSTAINABILITY

EpiC provides a tailored training package with each oxygen system to ensure hospital administrators, engineers, and clinicians have the comprehensive knowledge they need to understand, maintain, monitor, and sustain their system. EpiC is also improving the sustainable usage of oxygen systems by working with decision-makers to dedicate funding for liquid oxygen procurement, equipment maintenance and replacement, and ongoing training.

## ASSESSING OXYGEN INFRASTRUCTURE AND CAPACITY GAPS

As part of an effort to improve oxygen capacity at sites managed by the National Tuberculosis Control Program, EpiC is collaborating with the Global Fund to Fight AIDS, Tuberculosis, and Malaria to evaluate resource and knowledge gaps in the use and maintenance of oxygen systems and associated equipment at 50 provincial lung and tuberculosis hospitals across Vietnam. Findings will inform an action plan that the Global Fund can use to guide future oxygen efforts.