



Our Purpose

Design Outreach (DO) is a Christian nonprofit organization that seeks to alleviate global poverty by creating innovative, life-sustaining solutions that help transform marginalized and low-income communities physically, economically, and spiritually.

As a team of engineers with diverse experience and areas of expertise, DO focuses on innovative products that improve the lives of the most marginalized and vulnerable people in developing countries. As followers of Jesus Christ, we desire to share and show God's love by providing technologies that empower people to break the cycle of poverty.



The Need

Around the world:

**2.2 BILLION
PEOPLE**

lack access to safe
drinking water

**4.5 BILLION
PEOPLE**

lack access to
essential health
services

**2.4 BILLION
PEOPLE**

lack adequate
sanitation

Despite these realities, 90% of products cater to 10% of the world's wealthiest population, leaving billions without necessities such as clean water, sanitation, and basic healthcare. Design Outreach exists to help bridge that gap by developing practical, affordable technologies designed specifically for underserved communities.

Technologies

MaxLife™ Centralizer

A high-quality, low-cost part that replaces the component responsible for 75% of breakdowns in Afridev hand pumps. To date, MaxLife Centralizers are installed in 3 countries impacting more than 350,000 people. With an estimated 200 million people relying on approximately 700,000 traditional hand pumps for clean water in sub-Saharan Africa, this solution has the potential to revolutionize global water access.

LifePump™

A deep-reaching, long-lasting hand pump designed to provide safe water even in the world's driest and most remote places. The first LifePump was installed in Malawi in 2013, and more than a decade later it continues to reliably provide safe water. LifePump currently operates in 12 countries and serves more than 448,000 people.

LifePumpLink™

A satellite-based remote monitoring system that tracks LifePump performance in real time and provides the data needed to keep pumps operating at peak performance.

LifeTap™

A self-closing valve designed to prevent water waste and contamination at community tap stands. LifeTap is installed in 8 countries impacting 27,000 people.

KupolaCare™

A negative pressure wound therapy device that is durable, simple, and not reliant on electricity. Designed for under-resourced medical facilities in developing countries, KupolaCare has the potential to drastically improve patient outcomes and save lives across the globe.

Offices

Design Outreach currently has four offices: Our US office and headquarters in Gahanna, Ohio, our Africa field offices in Malawi and Zambia, and our sister organization, DOUK, in England.

Website

doutreach.org

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