



BLUEPRINTS FOR PANGAEA

EXECUTIVE SUMMARY

The Problem

Due to lack of access to basic medical supplies, millions of people around the world suffer unnecessarily from treatable health conditions. On the other hand, the U.S. healthcare system annually trashes billions of pounds of unused, usable medical supplies and equipment valued on the order of billions of dollars. The current paradigm propagates economic inefficiency, environmental burden, and human suffering.

The Solution

Blueprints For Pangaea (B4P) is a 501(c)(3) not-for-profit medical surplus recovery organization (MSRO) that provides sustainable solutions to inefficient health care resource distribution. A social enterprise, B4P is a network of university chapters united in addressing global health care inequalities by reallocating excess, unused medical supplies—that would otherwise be discarded—from U.S. hospitals and suppliers to those overseas in need. With fewer medical resources to process, our partner hospitals are able to cut expenses and reduce their environmental footprints while gaining community goodwill. Since we obtain medical resources via donation, we can in turn offer them to foreign hospitals at massively-subsidized prices, enabling affordable, higher-quality patient care overseas.

The Process



1. Partner

B4P chapter locations at colleges across the country partner with affiliated university medical centers to collect surplus medical supplies.

2. Collect

These supplies are transported to one of our climate-controlled storage warehouses, where they are then stored until a sufficient quantity for shipment has been collected.

3. Verify

B4P works with nonprofit partners to verify medical supply quality and integrity. Supplies are then sorted and prepared for shipment.

4. Ship

B4P arranges for transport of supplies independently or via a nonprofit partner. These shipments are then sent to communities all over the world.

Financial Information

B4P operates by a highly efficient business model. Our cost to ship a full 20-foot semi-truck container of supplies is roughly \$4,000. Wielding considerable financial leverage, we are able to amplify the impact of every dollar we expend: we estimate that every \$1 spent empowers a shipment of \$50 worth of medical resources.

Awards and Achievements

- \$8,000 Annual Finalist Prize, 2016 Zipcar Students With Drive
- \$15,000 Grand Prize, 2015 Michigan Business Challenge, Social Impact Track
- \$6,000 Grand Prize, 2014 optiMize Social Innovation Challenge

DEDICATED TO ELIMINATING HEALTHCARE INEFFICIENCIES



Organizational Growth

With our operational model optimized and foundation secure, we have commenced scaling. Satellite B4P chapters at the University of Southern California, Michigan State University, and Wayne State University constitute our first expansion locations. We endeavor to have fourteen chapters operating at maximal capacity by September 2018. Hospital by hospital, we seek to extend our reach across the nation until we have expanded to all possible academic medical centers in the U.S. We aim to induce a paradigm shift in how surplus medical supplies are handled.

In under four years, B4P has reallocated...



5,500+

lbs of medical resources
in Apam, Ghana



7,000+

lbs of medical resources
in Agadez, Niger



2,000+

lbs of medical resources
in Syria

through partnerships with Ghana's Ministry of Health, the cabinet of the prime minister of Niger, and SAMS. We have also sent supplies to countries across the world, including the Dominican Republic and Myanmar.

The Blueprints Difference

B4P empowers student volunteers to establish satellite locations at academic medical centers across the United States. This strategic edge allows us to run our organization with zero salaried employees and scale our collection network, enabling us to minimize our cost and maximize our impact as we continue to grow.

Future Plans

We continually seek to amplify our impact by partnering with socially-conscious hospitals and clinics that do not have systems in place to address surplus medical supplies. If you are such an organization and are interested in joining our national vision and global mission via a mutually beneficial partnership, please contact us. Our medical surplus collection model has been proven versatile and compatible with virtually all health care environments: it is streamlined, low maintenance, and near-exclusively powered by our own resources and volunteers.

We are proud of our ability to efficiently effect positive worldly change—you can evoke such change too! Whether you are an inspired individual that would like to make a monetary donation or a community-oriented medical manufacturer that would like to donate surplus medical resources, we extend our sincerest gratitude and vow to maximize the impact of your contribution. We are 501(c)(3) and your generosity will be tax-deductible: a charitable receipt can be provided upon request.

For information on how to donate, please visit our website blueprintsforpangaea.org or contact us (contact@b4pglobal.org).