



20  
21

Annual  
Report



Build Health  
International



Build Health  
International

Photo by Jaime Campos | Salem News



## Building Momentum

As a nonprofit guided by a commitment to sustainability, an integrated design approach, and a tenacity to deliver solutions for the long-run, this year underscored the importance of BHI's work – and the global community of supporters who make it possible. While the ongoing COVID-19 pandemic exacerbated the difficulties of working in low-resource settings and amplified existing inequities in global health, our commitment to designing, building, equipping, and maintaining healthcare infrastructure remained steadfast.

Through it all, we are reminded that **the road to achieving health equity is long and winding. But it is one worth taking.**

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Photo by Miguel Vasquez | BHI

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“ We don't seek out projects, we seek long-term partners, and we'll do whatever it takes to help those partners succeed and ensure they can deliver dignified, affordable healthcare.

Jim Ansara | BHI Managing Director on Global Pathways Podcast ”

# Year in Review

Photo by Miguel Vasquez | BHI

BHI completes construction of three new COVID-19 wards at Haiti's Hôpital Universitaire de Mirebalais

BHI partners with Direct Relief and the Bahamian Ministry of Health to open a modular operating room at the Rand Memorial Hospital on Grand Bahama, restoring infrastructure destroyed by Hurricane Dorian

In partnership with Americares, BHI installs a solar microgrid at Haiti's Centre de Santé de Pestel

BHI wins Autodesk AEC Excellence Award in the category of 'Better World' for the design of Saint Rock Hospital in Carrefour, Haiti

The Hôpital Universitaire de Mirebalais Emergency Department opens its doors to patients

BHI, Health Equity International, and W.K. Kellogg Foundation launch an assessment of all Maternal Neonatal and Child Health services across Southern Haiti

BHI reaches a major milestone in rebuilding the High Rock Clinic on Grand Bahama, as seven prefabricated modules arrive on site

BHI launches multi-country oxygen capacity scale-up, beginning with an assessment of seven medical oxygen plants in Malawi

2020

2021

Jul

Aug

Sep

Oct

Nov

Dec

Jan

Feb

Mar

Apr

May

Jun

After pausing work to focus on COVID-19 infrastructure, construction resumes on the Hôpital Universitaire de Mirebalais Emergency Department

BHI's leadership team grows, adding Director of Architecture, Gerard Georges and Director of Design, Jay Verspyck

BHI and Partners in Health team up to open the first medical oxygen plant in Lesotho

BHI sends 360 Boston Hope-donated hospital beds to clinics throughout Peru in the midst of Peru's most significant COVID-19 spike

BHI and Partners in Health hold ground-breaking ceremony for Maternal Center of Excellence in Sierra Leone

BHI installs a new solar system at the La Gonâve Wesleyan Hospital in partnership with World Hope International

# Project Spotlights

Over the past decade, BHI has worked on over 200 projects in 28 countries, as illustrated in this map. We are proud to highlight three projects in this report that demonstrate the growth and adaptability of our organization this year.



La Gonave | Haiti



Powering Community and Environmental Sustainability

Addis Ababa | Ethiopia



Leveraging an Integrated Design Approach

Malawi and beyond



Applying Lessons Learned from COVID-19

# Launch of Oxygen Find & Fix

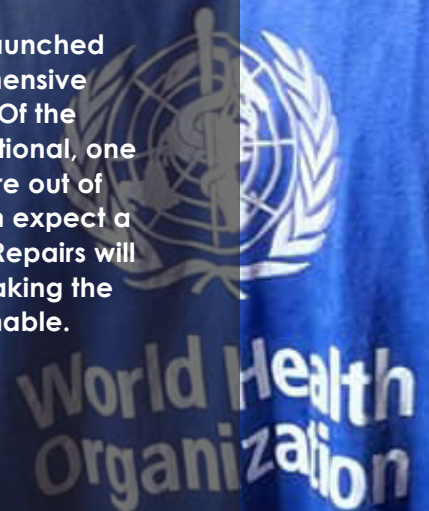


Photos by World Health Organization

For patients suffering from respiratory illnesses, medical oxygen is one of the most effective therapies. As COVID-19 cases peaked, patients around the world struggled to access medical oxygen. Yet long before the pandemic, in part due to a lack of functioning Pressure Swing Absorption (PSA) plants, operating with an insufficient oxygen supply was a reality in many low- and middle-income countries.

BHI has been building, repairing, and maintaining PSA plants in low-resource settings for over a decade. As COVID-19 exposed the dire and urgent need for repairs, the international community turned to BHI for advice and action. With the support of the Every Breath Counts Coalition, BHI launched the “Find & Fix” initiative to identify and assess non-commercial oxygen production facilities in countries experiencing surging oxygen needs. Once assessed, BHI’s team of biomedical engineers and specialists then mobilizes to provide recommendations, repairs, and local training.

Thanks to the DAK Foundation, “Find & Fix” launched in Malawi, where BHI completed a comprehensive assessment of oxygen production facilities. Of the seven plants assessed, three were fully functional, one was in need of partial repairs, and three were out of service. By repairing PSA plants, Malawi can expect a 25% increase in oxygen capacity per day. Repairs will cost 80% less than installing new plants – making the job of saving lives more feasible and sustainable.



“ The “Find & Fix” oxygen effort that Build Health International is leading is so critical because the lack of access to medical oxygen is elevating deaths from COVID-19 in many low-resource settings. And by investing in local skills and strengthening health systems, BHI’s work will keep saving lives long after the pandemic is over. The Every Breath Counts Coalition is proud to call BHI a member. ”

Leith Greenslade | Coordinator, Every Breath Counts Coalition

The Every Breath Counts Coalition is the world’s first private-public partnership focused on advocacy, global coordination and support to help low- and middle-income countries reduce pneumonia and oxygen related deaths, including from COVID-19.



# LaGonâve Hospital Solar



La Gonâve is a rural and rocky island off the coast of Haiti, home to 130,000 people and the Wesleyan Hospital. Operated by World Hope International, Wesleyan provides comprehensive medical services, saving residents a timely and costly trip to seek care on the mainland. The hospital, absent of functional municipal power, was outfitted with an array of solar panels when it was rebuilt following the 2010 earthquake.

Over the last ten years, capacity of the system's old and inefficient batteries has been significantly reduced, requiring Wesleyan to run its generator, burning countless gallons of diesel every hour. That's where BHI's Jaresiah Desrosiers and his team came in, to upgrade Wesleyan's increasingly unreliable and expensive power system. The team overcame physical and logistical hurdles to transport heavy, expensive equipment from Port-au-Prince, 50 miles west of La Gonâve. BHI installed a 125-panel solar system by sailing over 10,000 pounds of equipment – including a new generator, inverter, and Tesla battery packs – to the island, transporting it overland, and hoisting it into place.

With the help of long-held relationships with local vendors and the determination of a seasoned team of Haitian electricians, carpenters, and plumbers, BHI helped the Wesleyan Hospital achieve energy independence, improve energy efficiencies, and secure reliable, uninterrupted power.



“ I've worked with a lot of the BHI team on various other projects and [at La Gonâve] I could see a significant amount of growth from the last time I worked with them to this particular project. I was taken aback and encouraged by the fact that these guys are growing within their respective fields and coming into their strengths. That's why we do what we do. ”

Jaresiah Desrosiers | Project Manager, BHI



Photos by World Hope / Jaresiah Desrosiers

# 2020 - 2021 Infrastructure Metrics

\*Metric represents an estimation to the best of BHI's knowledge between July 1, 2020 - June 30, 2021

28



Projects  
Completed



8  
Renewable  
Energy  
Projects

452



Solar  
Panels  
Installed

20



Project  
Countries

222,000



kWh  
Generated

100+



Local  
Workers  
Employed

10



New NGO  
Partnerships  
Formed

46



New  
Projects  
Started

# CURE Expansion Ethiopia



In 2008, CURE International opened the first pediatric orthopedic speciality hospital in Addis Ababa, Ethiopia. Over a decade later, CURE Ethiopia sees 9,456 outpatient visits and performs 2,769 surgeries annually. In order to meet the growth of projected patient volumes, CURE turned to BHI to conduct an assessment and redesign of the existing facility. Sitting atop a steeply sloped terrain with little room for expansion, BHI worked within spatial constraints to design a multistory building with five operating theatres and one procedure room. Achieving success at CURE Ethiopia requires an innovative balance between BHI's various areas of expertise and collaboration with CURE.

"When people consider projects in low-resource or limited resource areas, they often want to execute the work quickly, and many times important touches like natural daylighting and intuitive way-finding are lost in translation," shares Director of Architecture, Gerard Georges. "Our team of architects, hospital planners and engineers is working to ensure each of these elements are considered. As we balance functional, seismic, and structural needs, we also want to promote a sense of well-being and dignity."

Set to be completed by early 2024, the upgraded facility will be a culmination of tactical, technical, and thoughtful collaboration — designed to meet CURE's immediate and future needs.



“ BHI is a strategic partner that allows us to serve more children - everyday. They are managing multiple complex projects for us and always exceed our expectations. When an emergency arises, we trust BHI to be by our side, helping solve any problem with excellence and thoughtfulness. CURE International is better with BHI on our team. ”

Justin Narducci | CEO, CURE International



# Designing Better Outcomes

This year represents a significant evolution in BHI's growth and design capabilities with the addition of Gerard Georges, Director of Architecture and Jay Verspyck, Director of Design. After years of working with BHI on a project-by-project basis – contributing to designs like Rwanda's University of Global Health Equity and the diagnostic center at the Hôpital Universitaire de Mirebalais – Gerard and Jay joined BHI full-time in the fall of 2020 to raise our integrated services to the next level. Veterans of the healthcare design industry hailing from the Boston-based architecture firm Shepley Bulfinch, Gerard and Jay have a broad understanding of how to incorporate cultural, social, and environmental conditions into facility design to create spaces that bring dignity, comfort, and wellbeing to all, even in the world's most challenging settings.

Their addition has helped BHI evolve greatly this first year, bringing improved design processes, tighter project management, and a renewed focus on aesthetics. As new partnerships develop and BHI continues to scale, Gerard and Jay will be instrumental in coaching and developing the design team, ensuring a continued focus on unique approaches to designing in low-resource settings, and delivering the most meaningful outcomes in the communities we serve.



# Global Health Partners

Building sustainable, equitable, and dignified health infrastructure around the world is a team effort. This year, BHI extended our all-time reach to 28 countries by continuing to grow our partnerships with NGOs, partners on the ground, and local governments which deliver life-saving care to millions of patients. We look forward to growing these relationships as we sustainably scale our operations in the years to come.



“ BHI has been one of the key organizations actively responding to the pandemic. Their accumulated experience, the transparency and quality of their work, as well as their flexibility to coordinate projects with WHO, other partners, and Ministries of Health, have been fundamental in setting the example for sustainable oxygen systems, especially in relation to the project of repairing oxygen generating plants.

Laura Alejandra Velez | World Health Organization Focal Point, Oxygen Scale-up Initiative

”

# In-Kind



# Partners

A critical component of our impact is the support we receive from in-kind partners. From architectural and engineering services, to donated materials and equipment, and support with logistics and building materials, our in-kind partners are there at every stage to help us achieve our mission. This network of partners enables BHI to maintain cost efficiencies, provide additional services for our project partners, improve the sustainability of our work, and respond quickly to emerging health needs around the world.

\*Fiscal Year 2021

“ My wish is that other groups doing any kind of development in resource-constrained regions partner with BHI to better implement culturally appropriate and resilient infrastructure that can deliver value over the long term. The BHI principles go beyond health care. ”

Ryan Macpherson | Portfolio and Investment Manager at Autodesk Foundation in Engineering News Record

Aeromed	DENS	Laticrete	Riverside Pediatrics
Alnylam Pharmaceuticals	DENS Facility Services	Lawrence General Hospital	Samuel Perkins Medical Supply
AMG	DFCCC Weymouth	Legatt McCall	Select Demo
Amico Corporation	Disc-O-Bed	Marion Dental Health	Seyfarth Shaw LLP
Assist International	Diversified Construction	Mark Richey Woodworking	Shawmut Design &
Autodesk Foundation	Dormakaba	Mass General Brigham	Construction
Autodesk, Inc.	Drager	Metropolitan Pipe & Supply	SHOWA
Boston Children's Hospital	Eagle Hill School	Massachusetts General Hospital	Sleeping Dog Properties
Boston Children's Hospital - Peabody	Eastern Site Supply	Mass General North Shore Center for Outpatient Care	Soma Technology
Beverly Hospital	Emerson Hospital	Microdesk, Inc.	Southern New Hampshire Medical Center
BIDMC	Enscape	Milton Cat	Spaulding Hospital
BIDMC Health (Quincy)	Exeter Hospital	Morgan Miller Plumbing	Spinning Wheels
Bluebeam, Inc.	FedEx	NEI General Contracting	Spry Moving and Warehousing
Bluebird Bio	Fisher Auto Parts	New England Casework	Stavros Center
Boston Hope	Foote and Son	New England Lab	Stetson Medical Center
Boston Medical Center	Fox Rock Properties	Newton-Wellesley Hospital	Suffolk Construction
Brockton Residence Inn	Fragomen	North Andover Country Club	Sullivan & McLaughlin
Brigham and Womens Hospital	Frechè Lokal	Oak Consulting Group	Taj Woburn
Canez Construction	GE Foundation	OGSI	TCI Doors
Center for Medical Simulation	GE Healthcare	Origin Medical	TG Gallagher
Central Ceilings, Inc.	General Power Limited	Orthopedic Surgical Center of North Shore	The Dickey Center at Dartmouth College
CM&B	Groupe HM	Pete's Tire Barn	Torginol, Inc
Columbia Construction	Hafele	Phifa Haiti Racing	Truckmaxx
Computers & Structures, Inc.	Haiti Health	Phifa Lubricants	Turner Construction
Concord Plastic Surgery	Haiti Plastics	Plumbers Without Borders	Windover Construction
Cummings Center	Hogan Regional Center	Proactive Philanthropy	WW Contracting Corp.
Cummings Properties	Hospital Curtain Solutions	Pure Tech Health	Wynco Distributors of New England
Dalton Foundation	Huss & Co.	Pyne Sand & Gravel	Zurn
Dana Farber Cancer Institute	L& W Supply	Qiagen	
Dellbrook JKS	L&W Tank Repair		
	Larry Kilkenny		

# Philanthropic Partners

BHI's impact and growth are made possible thanks to the generosity of friends and supporters. Our philanthropic partners provide much-needed financing to advance health equity, allowing us to increase our capacity to deliver dignified health infrastructure, improve the quality of our work, and ensure we have the resources necessary to meet project goals quickly and efficiently.

\*Fiscal Year 2021  
\*\* Corporations and Foundations

Andrew Leonard  
Ann and Todd McCormack  
Anne Fish  
Ann-Margaret Ferrante  
Anonymous  
**Ansara Family Fund**  
**Autodesk Foundation**  
Avery Rimer  
Benjamin Kahrl  
Beth Garry  
Bob Broudo  
**The Benevity Community Impact Fund**  
**The Blackbaud Giving Fund**  
**Boston Network for International Development**  
**Brooks Family Foundation**  
Carole Wakefield  
Caroline Hovey  
Catherine Gibbons  
Charles Walsh  
Chip Hornbeek  
Chris Strock  
Christine Brown  
Clare Horkan  
**Cummings Foundation**  
**DAK Foundation**  
Dan Saulnier  
Daphne Fogg  
Darby Kirven  
David and Gay Campbell  
**Dens Facility Services, Inc.**  
Doris Millan  
Doug Crossley  
Ed Callahan

Edward Cahill  
Edward Grace  
Ela Hefler  
Elizabeth Floor  
Erica Funkhouser  
Erin Kenney  
Gail Denisky  
Gerard Georges  
**GlobalGiving**  
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Helen Michener  
**Highland Street Foundation**  
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Iuliia Artemenko  
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Jack Manderson  
James DesRocher  
James Raymond  
Jane Salinger  
Janet Buckley  
Jarrett Collins  
Jay Verspyck  
Jeff and Kelly Morgan  
Jim Goldenberg and Gay Shanahan  
Jocelyn Bresnahan  
John Colbert  
John Duggan  
John Looney  
John McLaughlin  
Jonathan Payson  
Josh Philbrook  
**JP Morgan Charitable Giving Fund**

Kathleen Button  
Katie Letheren  
Kelly Behbehani  
Kerry Love  
Kim Pedersen  
Kimberley Ballard  
Kitty Gamblin  
Kyle Lahousse  
Leslie Finn  
Linzee Coolidge  
Lorenz Cisne  
Lucian Snow  
Lynette Chase  
Marjorie Benton  
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Martha Winsryg  
Mary Ann Cohen  
Mary Ann Forsyth  
Mary-Kay Miller  
Matthew Elliott  
Meg Campbell  
Michael Ansara and Barbara Arnold  
Michael and Martha Keating  
Michael Pehl  
Michelle Granese  
Michelle Jones  
Miranda Schieber  
Molly Yanus  
Mwami Pecou  
Neha Sinha  
**Oak Consulting Group**  
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Patricia Meservey  
Patricia Baker and Phillip Dunn

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Peter Jones  
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Peter Swanson  
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Rick Silverman  
Riya Patel  
Robert Gillis  
Robert Kahn  
Robert Raymond  
Robert Stoloff  
Roger Jackson  
Sarah Jones  
Sarah Sceery  
Scott Shear  
Stephanie Barnes  
Steven Elliott  
Tara Kenney  
Timothy Creamer  
Tom Monaghan  
Tony Bucco  
Vanessa Raymond  
Warren Tolman  
Will Duggan  
William Lackey  
William McConnell  
William Mulhall  
William Pknosh  
William Wasserman  
**W.K. Kellogg Foundation**  
Zac Chase

# Board of Directors



## Welcome New Board Chair

In September 2020, BHI welcomed Dr. Patricia Maguire Meservey as our new Chair of the Board. Most recently the President of Salem State University, Dr. Meservey has decades of experience as a nurse, educator, and leader. Dr. Meservey has provided critical leadership over the past year as BHI worked to meet the global challenges of COVID-19. To advance our mission, Dr. Meservey will look to forge new partnerships and expand BHI's ability to deliver healthcare around the world.

## 2020-2021 Board of Directors

- Dr. Patricia Maguire Meservey** - President Emerita, Salem State University
- Jim Ansara** - BHI Co-Founder and Managing Director
- Karen Ansara** - Founder/Chair, New England International Donors
- Bob Broudo** - President/Headmaster, Landmark School
- Dr. Harry Dumay** - President of Elms College
- Dr. Paul Farmer** - Partners In Health Co-Founder and Chief Strategist
- Jean Shia** - Head of Portfolio & Investment, Autodesk Foundation
- Reverend John J. Unni** - Pastor, St. Cecilia Parish, Boston Catholic Church

# Financial Summary

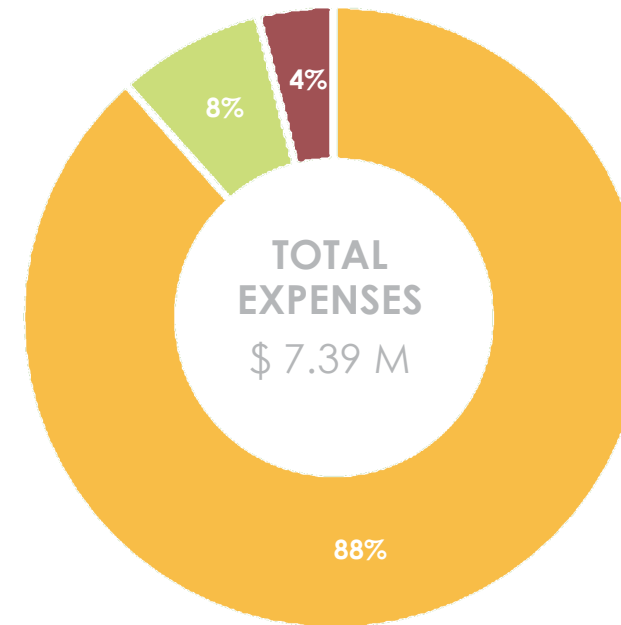
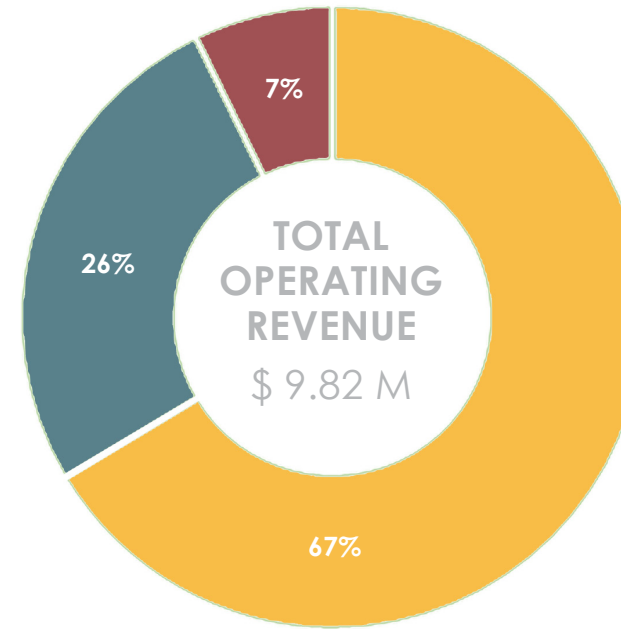


## STATEMENT OF ACTIVITIES June 30, 2021

	Without Donor Restrictions	With Donor Restrictions	Total
<b>OPERATING REVENUES</b>			
Project Funding	\$ 6,527,547	\$ -	\$ 6,527,547
Grants	578,825	2,591,410	3,170,235
Donations	131,599	-	131,599
<b>Total Operating Revenues</b>	<b>\$ 7,237,971</b>	<b>\$ 2,591,410</b>	<b>\$ 9,829,381</b>
<b>EXPENSES</b>			
Project Expenses	6,538,764	-	6,538,764
General and Administrative	565,239	-	565,239
Fundraising and Communications	291,994	-	291,994
<b>Total Expenses</b>	<b>\$ 7,395,997</b>	<b>\$ -</b>	<b>\$ 7,395,997</b>
<b>Change in Net Assets - Operations</b> <i>Surplus/(Deficit)</i>	<b>\$ (158,026)</b>	<b>\$ 2,591,410</b>	<b>\$ 2,433,384</b>
<b>Non-Operating Revenue</b> <i>Investment Income, net</i>	1,038,325	-	1,038,325
<b>Change in Net Assets</b> <i>Surplus/(Deficit)</i>	<b>\$ 880,299</b>	<b>\$ 2,591,410</b>	<b>\$ 3,471,709</b>

## STATEMENT OF FINANCIAL POSITION June 30, 2021

<b>ASSETS</b>	
<b>Current Assets</b>	
Cash and Cash Equivalents	\$ 707,849
Accounts Receivable	267,071
Investments	4,353,836
<b>Total Current Assets</b>	<b>5,328,756</b>
Other Assets	234,338
<b>Total Assets</b>	<b>\$ 5,563,094</b>
<b>LIABILITIES AND NET ASSETS</b>	
<b>Liabilities</b>	
Accounts Payable	\$ 214,042
Accrued Payroll	76,162
<b>Total Liabilities</b>	<b>290,204</b>
<b>Net Assets</b>	
Without Donor Restrictions	2,681,480
With Donor Restrictions	2,591,410
<b>Total Net Assets</b>	<b>5,272,890</b>
<b>Total Liabilities and Equity</b>	<b>\$ 5,563,094</b>



## 2021 Total Operating Revenue (USD)



## 2021 Total Expenses (USD)



\*BHI is grateful to AriPixel 3D, Kat Kendon, Jess Rinaldi, Terry Sebastian and CURE International for use of their photos throughout this report.



Build Health  
International

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