



ENGINEERS WITHOUT BORDERS USA
Minnesota Professional Chapter



2021 DONOR REPORT

Building a better world through engineering projects that empower communities to meet their basic human needs.

May 2022

THANK YOU

A LETTER FROM OUR PRESIDENT

Hello,

After a year marked by many challenges, we are excited to share with you that the EWB-MN Professional Chapter has once again had a very successful year!

Despite a continued suspension on international travel to our project sites, our project teams were able to keep their commitments to our partner communities and designed, funded, and implemented water resource and school projects from abroad in Central America and South America.

Here at home, our Local Projects team flourished. Made up of our professional chapter members and EWB University of Minnesota Student Chapter members, this team has collaborated on a wide variety of projects benefitting our local Twin Cities community.

Our organization has grown, we have built new teams, and we have more support than ever thanks to the generous donations made by our partners at Westwood, Bolton and Menk, and Barr engineering, our sponsors, and numerous Rotary partners throughout the Midwest. Because of this support, our chapter has been empowered to take on new challenges and has recently signed up to take on another new project in 2022. This allows for more volunteers to join our cause and become an ally to those looking to make a better life for their families and communities.

Thank you to all our donors, our volunteers, and our friends and families that support the work of the EWB MN-Professional Chapter.



Jake Hexum

President

Engineers Without Borders - Minnesota Professional Chapter

COMPLETED



PATZAC, GUATEMALA

PATZAC SCHOOL



Location: San Andrés
Sajcabajá Municipality, Quiché
Department, Guatemala
Total Project Cost: \$80,000

This project replaced an outdated school that lacked windows and was impacted by decades of mild seismic activity and erosion. The new school features improved bathrooms, kitchen, retaining wall to prevent erosion, and more classroom space with lots of natural light. Our Guatemala team is pleased to report that construction is complete. The team plans to travel to the site this summer and celebrate it's completion with the community.



RIO AZUL, GUATEMALA

RIO AZUL SCHOOL



Location: Rio Azul, Quiche, Guatemala

Project Type: School

Total Project Costs: \$115,000

Goal: Design and construct a high school for the community that will be equipped with five classrooms, a kitchen, administrative building, and latrines.

The Aldea Rio Azul community currently has a small school that does not have enough space to properly serve its growing student body. The community is actively seeking partnership in building a new school that will serve their high-school populations and eliminate overcrowding. Construction has begun! The team plans to travel to the project site this summer to support construction and connect with the community.



CHUCHURRAS, PERU

The 500-person community in the Pasco Region of Peru has to manually collect unclean water from the local streams and river. These water sources are often scarce during the 3-month dry season. The only remaining flowing streams are contaminated with fecal matter, leading to health issues within the community. Construction of the well was completed in the fall of 2021. The team plans to continue construction in 2022 and will be travelling to the project to support construction.

CHUCHURRAS WATER SYSTEM



Location: Pasco Region of Peru
Project Type: Water Distribution System

Total Project Costs: \$122,000

Goal: Provide a year-round source of clean and reliable water to the community. The well and pump will be powered by solar panels to pump groundwater up to a water storage tank at the high point of the community. From there, a gravity distribution pipe network will be used to deliver the water to communal taps. To ensure the quality of the water, a chlorination treatment system will be used.

LOCAL PROJECTS

Beacon Interfaith Housing

Location: St. Paul and Minneapolis, MN

Project Type: Energy audits

Goal: Energy audits will help Beacon Interfaith Housing reduce their carbon footprint and save money on utilities and taxes.



Above image: Beacon Interfaith is a non-profit organization that aims to provide affordable, supportive, and dignified housing to people in the Twin Cities. Our team will work with Beacon to develop and analyze energy audits for many of their properties.

Division of Indian Work

Location: Minneapolis, MN

Project Type: Facility engineering support

Goal: Review of solar panel system to ensure it is working to capacity and design of rainwater catchment system for gardening, and a composting system will be installed.



Above image: Division of Indian Work supports and strengthens urban American Indian people by providing culturally-based education, traditional healing approaches, and leadership development.

Colfax Public Library

Location: Colfax, WI

Project Type: Community building improvement

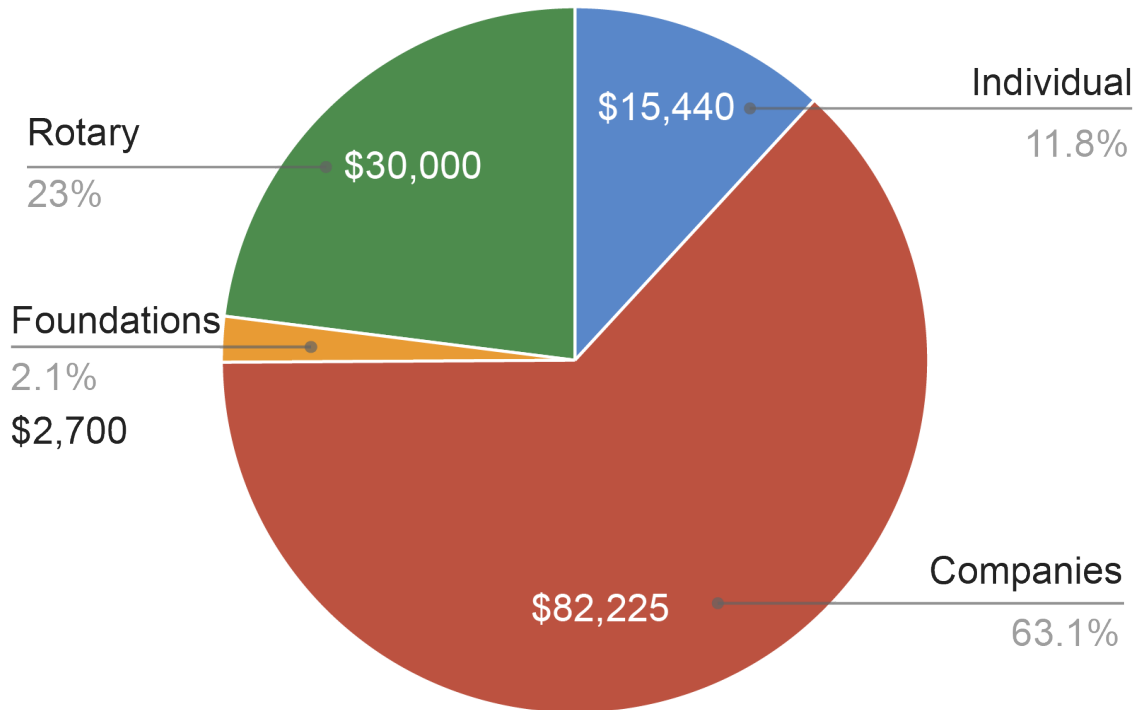
Goal: EWB-MN provided an engineering assessment plan. The plan included the costs associated with the work so the community could receive grants and remodel the building. The project focused on providing engineering evaluations and recommendations.



Above image: The Colfax Public Library is an important community building functioning as a library, a place for children to play, and as a community hub and gathering place. The library also provides information to the public about community and county services.

FINANCIAL REPORT

2021 Total Donations



 Fun Fact: In 2021, 172 individual/personal donations were given.

2022 Fundraising Goal: \$150,000

Thank you to our sponsors!

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We are a group of professional engineers, architects, scientists and others from Minnesota who aim to carry-out EWB-USA's mission. The Minnesota Professional Chapter has project teams implementing solutions for communities in need across the globe while also providing professional mentors for the student chapters in the state, at the U of MN and MNSU Mankato.

EWB-USA builds a better world through engineering projects that empower communities to meet their basic human needs and equip leaders to solve the world's most pressing challenges.

Contact Us

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