What is EWB?

The Columbia University Chapter of Engineers Without Borders USA...

supports international community-driven development programs by collaborating with local partners to design and implement sustainable engineering projects, while creating **transformative experiences** and **responsible leaders**

empowers communities to meet their basic human needs and help solve the world's engineering challenges that would often be overlooked by large scale philanthropic efforts

Why Join?

DESIGN Apply the knowledge you gain in class to design solutions to real world engineering problems

SOCIAL EWB hosts social events throughout the year to build our community

LEARN EWB hosts speakers and works with mentors to foster professional development

How do I join?

EMAIL Join our mailing list to stay up to date on meeting times at the start of the semester **cuewb.org/join**

BOOT CAMP At the start of the fall semester, EWB hosts an optional introductory session to get you up to speed on all things EWB

Who is in EWB?

EWB is comprised of a **diverse group** (10+ countries & 25+ states) of primarily undergraduates, with support from professional mentors and professors - 60% of students are **female**, and 15% are **non-engineers**

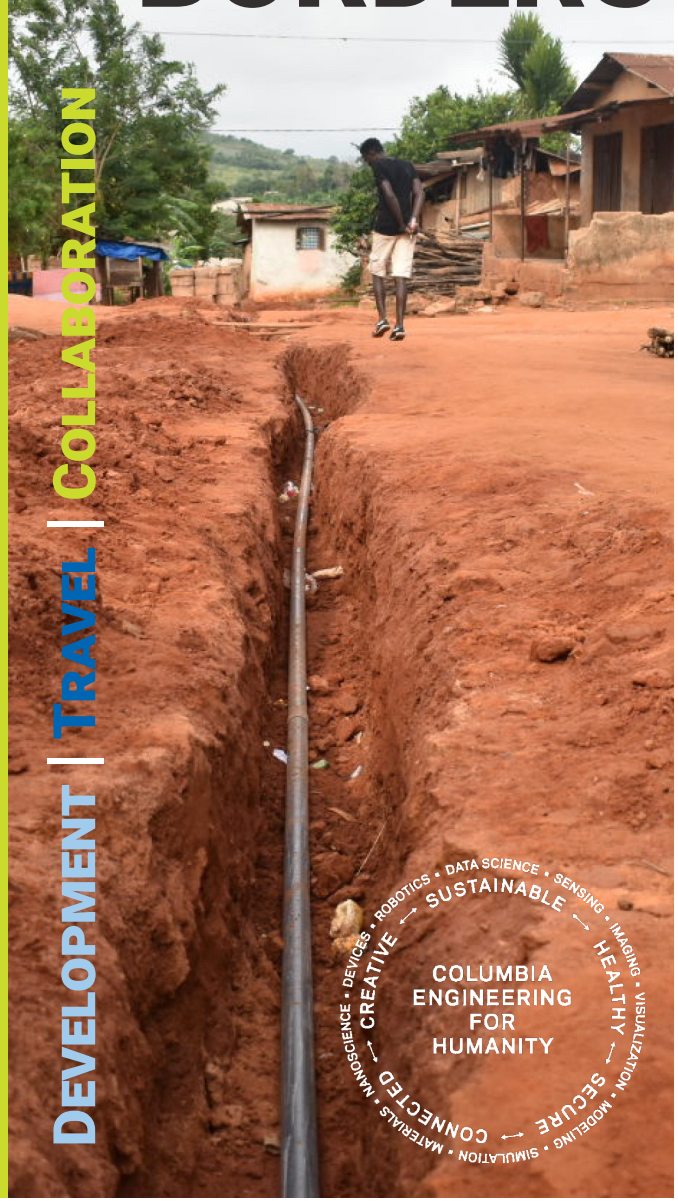
Engineering for Humanity

EWB is proud to be a part of Columbia's Engineering for Humanity mission - learn more about Columbia's mission at engineering.columbia.edu/engineering-humanity

Support EWB

Learn more about the ways you can support our efforts at **cuewb.org/donate**

ENGINEERS WITHOUT BORDERS



Our Projects

Building a better world... One community at a time

GHANA

Developing a safe and sustainable water source for 2,500 community members

CU-EWB has drilled four boreholes in Amanfro with the goal of meeting the WHO water standard for hygiene and health of 50 Liters per person per day

The water distribution system empowers women and children by reducing the time they must spend gathering water each day

UGANDA

Electrification that empowers students, medical staff, and entrepreneurs

CU-EWB installed 3 solar microgrids, powering schools and a health center, allowing for vaccine storage, advanced medical testing, and additional educational opportunities for over 1,000 students

Designing system to expand electricity to the trading post

MOROCCO

Providing access to clean water to small villages in an arid region 3 hours from a safe water source

Building a 7200 meter pipeline that eliminates the trek women and children must undertake for water

Designing a solar system to provide stable power for water distribution

Previous project is world's first high-density polymer suspension bridge