



Drexel Engineers Without Borders

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2025 Joint Technical Conference

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Organization Profiles



Christina Lents

Environmental Engineering BSENE, 2026
Domestic Design Lead



Azmain Yousuf

Electrical and Computer Engineering, 2026
Chapter President

What is EWB?

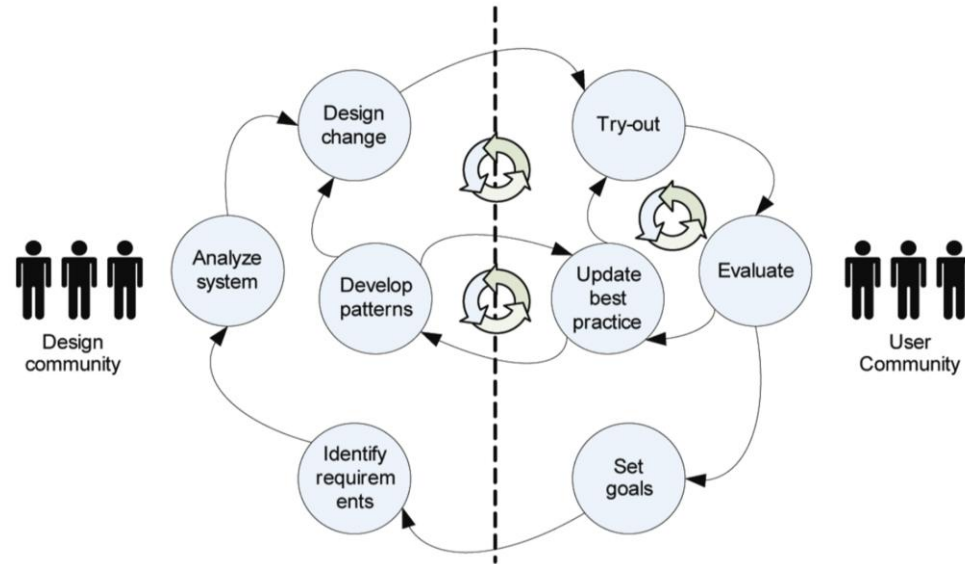
At Engineers Without Borders, we believe in community, leadership, and sustainability.

As a non-profit organization, we work directly with communities internationally to address their needs and collaborate in a solution.

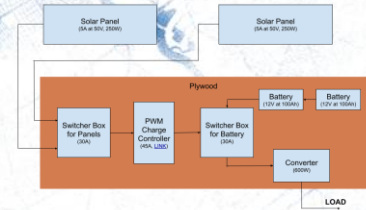
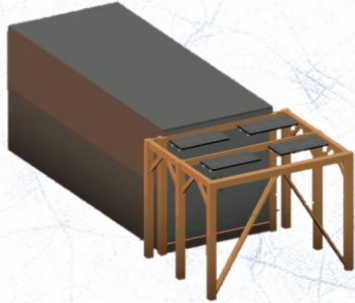
*“Improving the lives of the 5 billion people whose main concern is to stay alive by the end of each day on our planet is no longer an option for engineers; it is an **obligation**.”*

Dr. Bernard Amadei, EWB-USA Founder

Community Based Design



Domestic Design



Holly Street Community Garden

- Irrigation system install and maintenance
- Green roof reconstruction & rain catchment system
- Collaboration with Philly City Repair



Mantua Urban Peace Garden

- Irrigation system install and maintenance
- Solar panel tracking project



NEW: Germantown Water Reuse Project

- Sink-to-toilet water reuse project
- Collaborative between Drexel's Dr. Campos De Cruz, the WaterShed group, and community advisors
- Developing a DIY model and shared teaching resource for education on water conservation, resilience, and flood reduction in CSO systems.



<https://inhabitat.com/sloans-innovative-aquas-grey-water-toilet-system-makes-every-drop-count/>

Thank you for having us!

**Keep up with Drexel's
EWB Chapter:**



@drexewb



<https://www.drexewb.com/>

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