PUBLIC STUDENT BUILD BRIEF / 17 NOVEMBER 2026

A low-cost waterless toilet concept

Renewable World (RW)

Kenya and Nepal

THE NEED

Remote communities with scarce water, rocky ground, and difficult transport need a low-cost, repairable toilet. Renewable World wants waste processed safely on-site for possible local use.

FIRST BUILD

- Waterless, no-pit household or cluster design with on-site waste processing
- Dry prototype to review assembly, cleaning, transport, and repair
- Cost, local production, upkeep, and sanitation-risk plan

IMPORTANT LIMITS

- No people, real waste, discharge, or reuse in student testing.
- Field use needs sanitation and public-health review, local approval, and a servicing plan.
- Local waste reuse only after qualified approval.

FIRST REVIEW

Renewable World reviews the dry prototype and service plan. This stage does not involve people or human waste.

WHAT TO SUBMIT

Submit a PDF with the design, dry prototype, costs, repair path, on-site processing concept, and expert review plan.

Get paid $100 for a successful project submission.

Complete a solution that meets the brief. A proposal alone does not qualify.