The Empower Sanitation Platform

The Empower Sanitation Platform is modular and scalable for multiple waste treatment options.

The example shown is for a single community toilet with both liquid recycling and solid processing. The toilet is compatible with pedestal and squat plate styles.

On-site processing includes electrochemical disinfection and recycling of liquids, and drying and sterilization of solids with optional combustion. User amenities may include body wash and hand wash stations, and a menstrual pad dispenser with disposal options.

**KEY FEATURES**

- User options developed through four year in-field household and community design studies.

- Liquid processed via active filtration and electrochemical disinfection, meeting ISO30500 discharge standards.*

- Independent solid and liquid processing modules can be paired with other technologies to create a suite of sanitation products.

- Examples of new products include the Reclaimer, a liquid recycling unit, and S.H.E., a stand-alone menstrual waste management unit.

*Phosphorous < 20 ppm in both influent and effluent

**STATUS OF DEVELOPMENT**

- Third generation prototype in active testing in Coimbatore, India, and Durban, South Africa.

- Scalable capacity up to 600 users/day.

DEVELOPED IN PARTNERSHIP WITH