



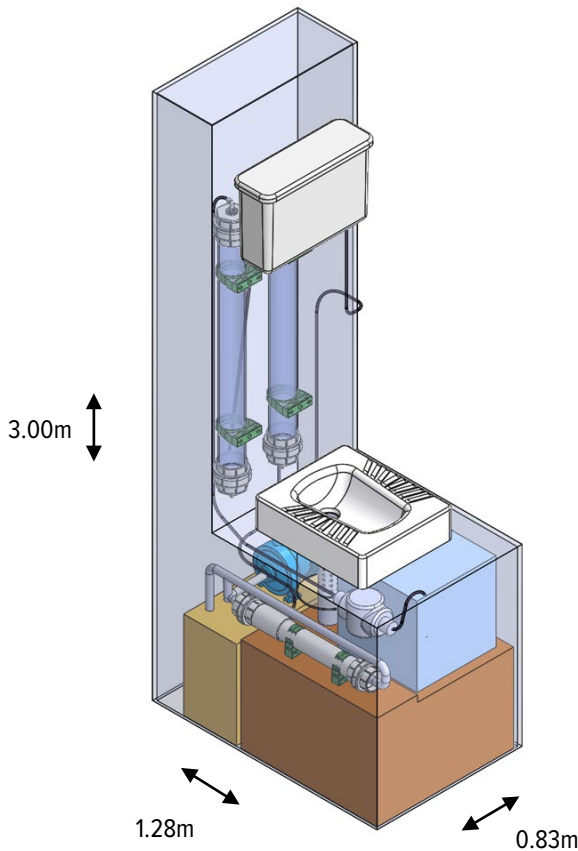
# Waste to Clean Water

## Packaged SURT

### Description

The Packaged Single-User Reinvented Toilet (SURT) is a complete self-contained waste management system designed to treat blackwater to ISO 30500 standards.

The system provides full liquid treatment and recycling. Solids are contained with annual servicing or other volume reduction options.



Wastewater before and after treatment

### Features

**Use cases** Refugee camps, informal settlements, household

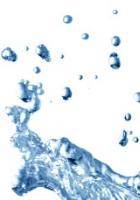
**Capacity** Up to 500 L/d (50-85 uses/d, depending on flush volume)

**Energy** 6-7 kWh/d with typical family use (~25-30 uses/d)  
Up to 17 kWh/d when processing at full capacity

**Current BOM** 5000 USD

**Projected Cost\*** 500-1000 USD

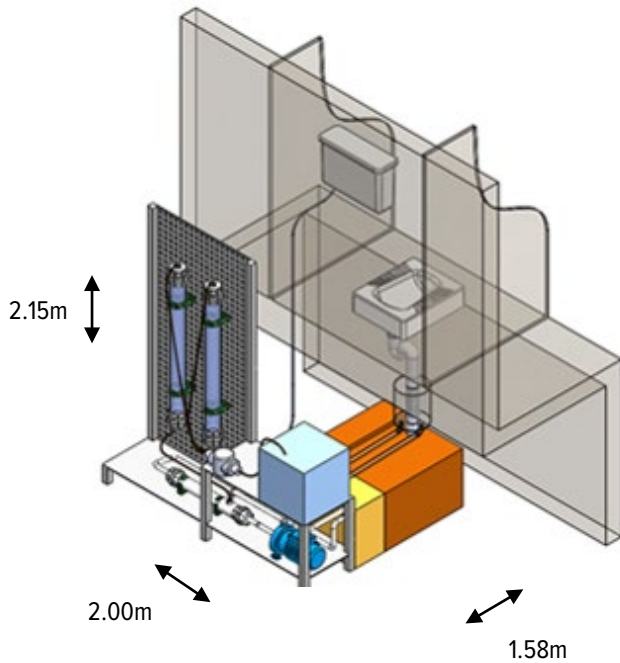
\*Estimate based upon value engineering at quantities >100K





# Waste to Clean Water

## Retrofit SURT



### Description

The retrofit Single-User Reinvented Toilet (SURT) is a complete self-contained waste management system for extant superstructures. The system is designed to treat blackwater to ISO 30500 standards.

The system provides full liquid treatment and recycling. Solids are contained for annual servicing or other volume reduction options.



Wastewater before and after treatment

### Features

<b>Use cases</b>	Dorms, communal ablution blocks	
<b>Capacity</b>	Up to 500 L/d (50-85 uses/d, depending on flush volume)	
<b>Energy</b>	6-7 kWh/d with typical family use (~25-30 uses/d) Up to 17 kWh/d when processing at full capacity	
<b>Current BOM</b>	4500 USD	<b>Projected Cost*</b> 500-900 USD

\*Estimate based upon value engineering at quantities >100K





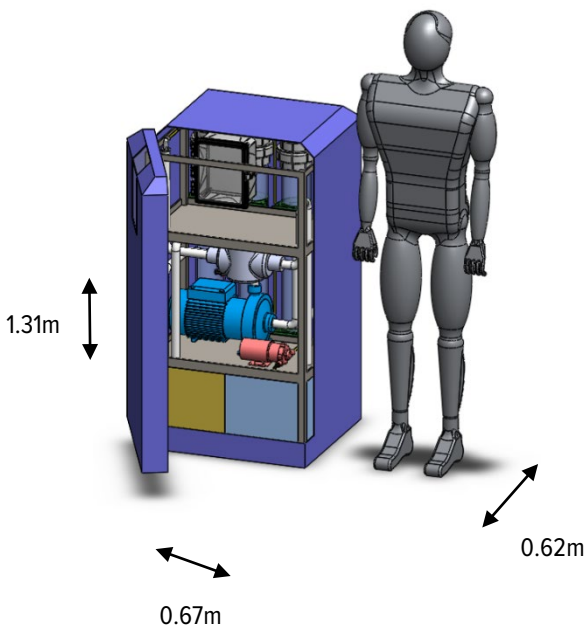
# Waste to Clean Water

## Reclaimer V2 Liquid Treatment Module

### Description

The Reclaimer V2 Liquid Treatment Module is an ultra-compact, automated liquid waste treatment system designed to treat blackwater to ISO 30500 standards.

The system provides full liquid treatment and enables water reuse and/or safe discharge. Can be combined with solids treatment, anaerobic digestors, septic.



### Features

**Use cases** Household, mobile treatment

**Capacity** Up to 500 L/d (50-85 uses/d, depending on flush volume)

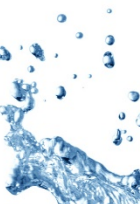
**Energy** 6-7 kWh/d with typical family use (~25-30 uses/d)  
Up to 17 kWh/d when processing at full capacity

**Current BOM** 4000 USD

**Projected Cost\*** 500-800 USD

\*Estimate based upon value engineering at quantities >100K

Wastewater before and after treatment





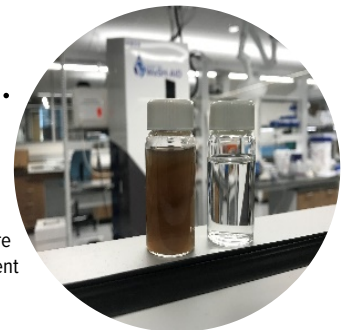
# Waste to Clean Water

## MURT

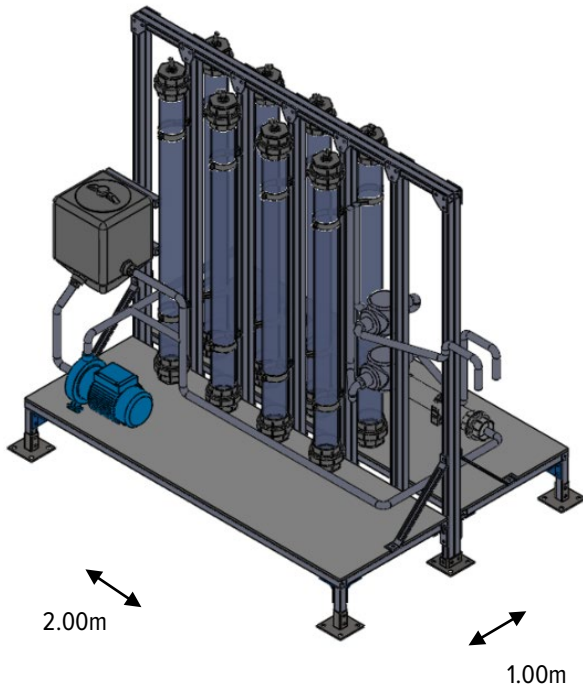
### Description

The Multi-User Reinvented Toilet (MURT) is a complete self-contained waste management system for multiple toilet facilities designed to treat blackwater to ISO 30500 standards.

The system provides full liquid treatment and recycling. Solids are contained for annual servicing or other volume reduction options.



Wastewater before and after treatment



### Features

<b>Use cases</b>	Public toilets, multi-family housing, informal settlements, communal ablution blocks
<b>Capacity</b>	Up to 1500 L/d (350-400 uses/d, depending on flush volume)
<b>Energy</b>	Up to 66 kWh/d when processing at full capacity
<b>Current BOM</b>	7000 USD
<b>Projected Cost*</b>	800-2000 USD

\*Estimate based upon value engineering at quantities >100K

