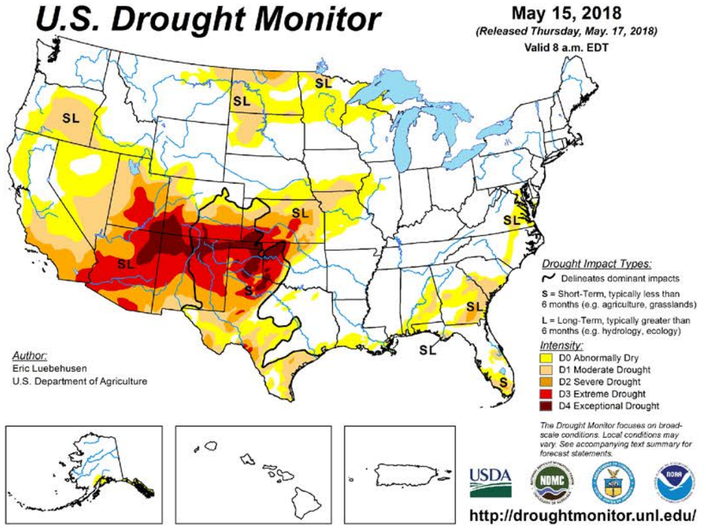
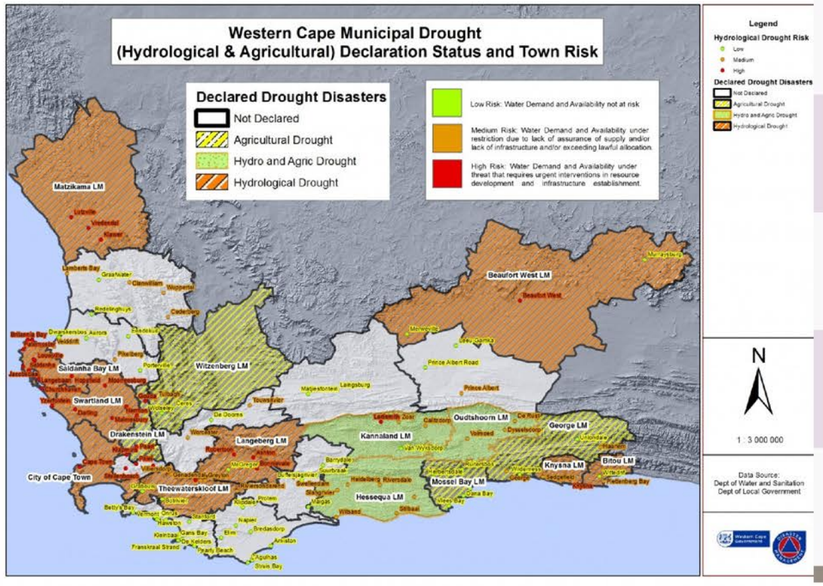
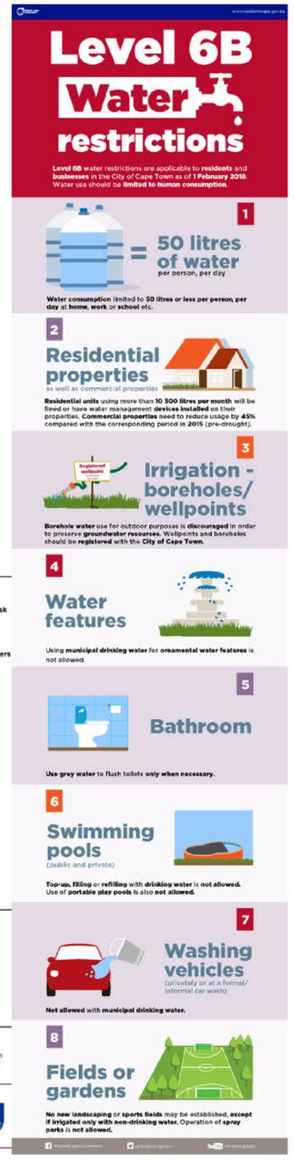
The Problem

California and Cape Town have imposed stringent requirements to get their water consumption under control.
Some of those requirements include not using a washing machine, limiting watering of lawns and cars, and usage being kept to 50 liters per person.

The Problem

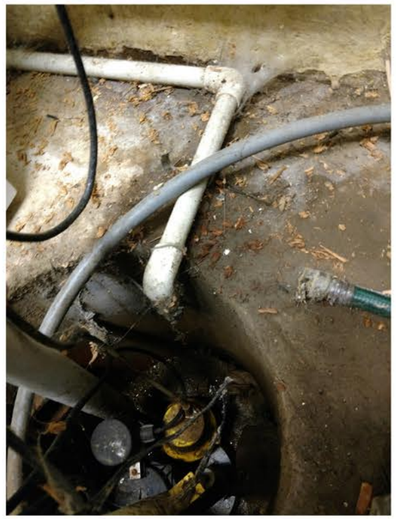


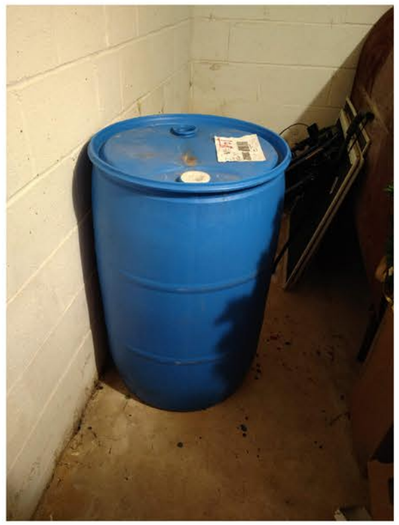




- We have been experiencing extreme drought across the world
- Just as recent as this past winter, 36% of the US was experiencing a form of drought
- Cape Town, South Africa narrowly dodged running out of water completely, after a 3 year drought

Our Solution





How it Works

The AC coil, where the water is formed, is connected to a PVC pipe. The water (condensation) travels down the PVC pipe, into a collection unit. When the tank becomes full, the collection truck comes to pick up the water.

Our Solution

Water Source

This recycled water comes from air conditioner units, which condense water from the air. The water is collected, transported by truck, and then stored for future use.

(The picture below shows the water wasted by this air unit)

Working Reservoir

The Loch Raven Reservoir, located in Baltimore, Maryland, holds 23 billion gallons of potable water for the city of Baltimore and most of the surrounding county. Using the water we collect, reservoirs can be filled to counterbalance the drought.

Business Model and Revenues

The concept is to collect water from residential AC units, restaurants, and office buildings

Collect in warmest and most humid regions where AC units are most heavily used: South, Southeast, Southwest, West and Central regions

At a 50% residential participation level 19 billion gallons of water can be collected in 6 months.

Dallas, Texas hotels air conditioner units produce up to 76 million gallons of water, based on our feasibility study, in 6 months.

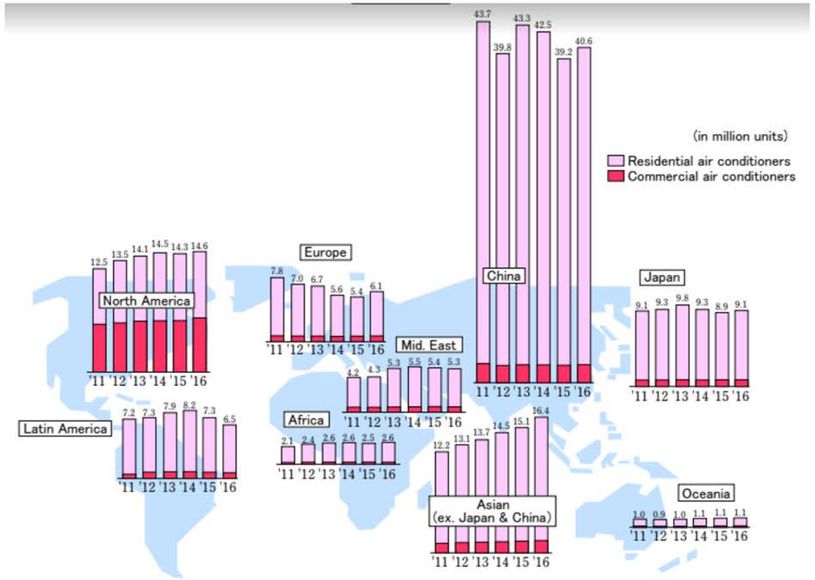
Operations

Equipment and Supplies

Installation Supplies per HU	
(1) 55 gallon container	$45
PVC Piping	$20
Pump	$50
Total	$115

- Collection time and the amount of trucks will vary greatly, based on the amount of water collected.
- Only some residences will require pumps to transfer the water.

Operations



Air conditioning units based on region
Source: JRAIA (April 2017)

Collecting water by region allows us to mitigate costs for transportation and storage.

Company Structure