



**NULEAF TECH**

# Compact Ecosystems for Off-Grid Water Solutions

Teaser Deck — March 2020

**Massive gaps in current wastewater infrastructure are leading sources of pollution!**  
The result is widespread disease and ecological destruction with billions of dollars lost each year in the US alone.



**Aging municipal treatment plants are crumbling in the face of rapid urbanization.  
Septic tanks aren't going to be able to pick up the slack.**

**Few options in between these two means that anyone that doesn't fit into the limited capabilities is suffering.**

# We're nature nerds that have watched too much Star Trek.

During the record-breaking drought in 2017, two native Californians started paving the way for modular treatment.

## History & Team

In 2015, we brought biomimicry to NASA Ames and incorporated in 2017.

We're native Californians that understand why personalized solutions and intersectionality are important to combat water scarcity.

We're ready to bust open a billion-dollar market so no one worries about dirty water and this precious resource is never wasted.

### Rachel Major — CEO & Co-Founder

- Environmental chemistry, management, and biomimicry

### Ari Ochoa — CTO & Co-Founder

- Microbiology, brewing, construction, and engineering

Our advisory board and other team members support us with business development, social media, outreach, and operations.



# We need help for a sustainable, equitable future of water. NuLeaf can create that pathway.

NuLeaf leverages our interdisciplinary mixture of biotech and engineering skills to combat water scarcity.



## The NuTree:

An on-site wastewater treatment device

Modular units from a single household to a growing business

Ease of use - no PhD required!

Low maintenance = affordable

All-natural treatment

Zero waste - water recycling + bioenergy

## Current Traction and Bootstrapping

Our biggest hurdle is regulation, but we've had citizen support and success bootstrapping with urban farming units.

- **Customers:** Jaw Brew + Steel Bonnet Microbreweries, 1 Fortune 500 client, and several urban farming systems
- **In Progress:** Municipal units in the Pacific Northwest + Madagascar. Urban farming units for landscaping companies
- **Investment:** To date we've raised 150k+ from VCs and private angel investors.



## Market Pathway

A total US market of \$264 billion and \$61 million in our starter/focus markets.

Year 1: Craft alcohol in California

Year 2-3: Pacific Northwest

Year 3+: Vulnerable communities



**Sustainably-minded sector with a rapidly-growing, competitive market hindered by water.**

**Leverage credibility to enter more conservative markets like municipalities and agriculture.**

**Drive down manufacturing costs to deliver fully off-the-grid, affordable units to those in need.**

We're currently partnering with Venture Networks, SOSV, and RebelBio for a Series A for three years of funding to expand throughout the Pacific Northwest. Our projected revenue by year three is \$68 million with a 525% return on investment.

We are also offering a discounted share price for interested angels!

**On-site and modular wastewater treatment is a necessity for a just, sustainable future.**

**Our purpose is to empower everyday people to treat and recycle their water using nature's methods.**

**Help us pave the way for a future of wastewater treatment that is modular, all-natural, and on-site for everyone.**





**NULEAF TECH**

# Thank you

Better Solutions, Naturally

Website: [www.nuleaftech.com](http://www.nuleaftech.com)

Media: [www.nuleaftech.com/media/](http://www.nuleaftech.com/media/)

Ask for our business plan for more info on sources!

Contact: [rachel.major@nuleaftech.com](mailto:rachel.major@nuleaftech.com)