

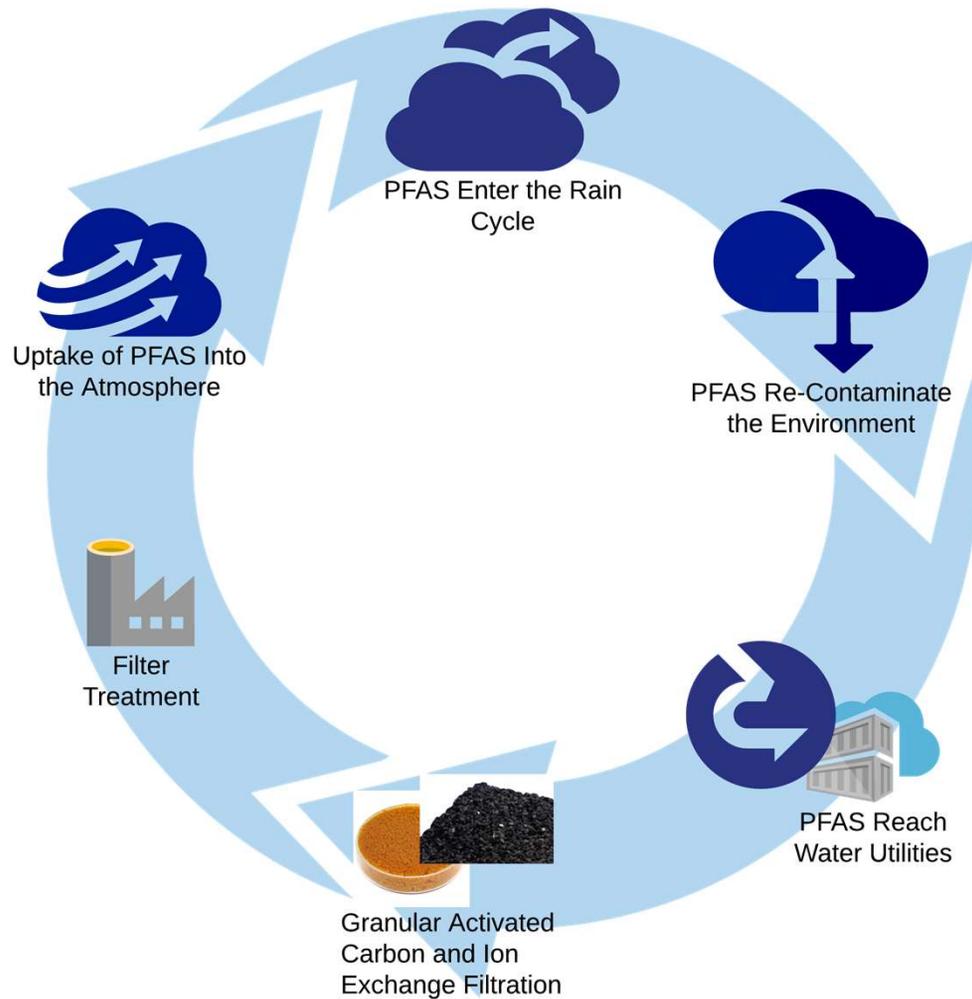
aqualumos

Eliminating “Forever Chemicals” From Drinking Water

**PFAS – FOREVER CHEMICALS
AT
DRINKING WATER UTILITIES**

TODAY'S SOLUTIONS CREATE NEW PROBLEMS

- **Current treatment methods create a new waste stream**
- **PFAS is not destroyed and returns to the environment**



REGULATORS ARE LOOKING FOR A LONG-TERM SOLUTION



Senate Democrats unveil \$20B bill to battle 'forever chemical' contamination

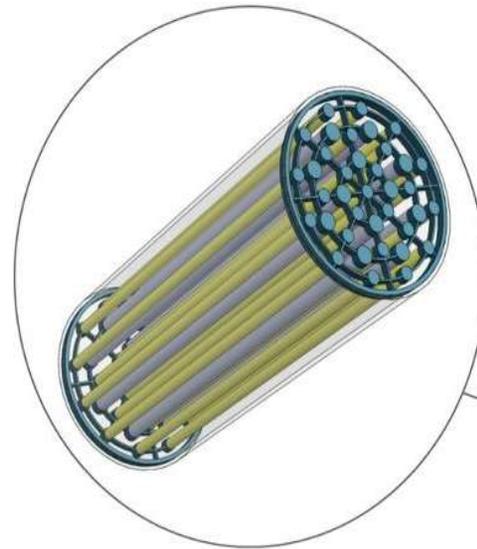
BY REBECCA BEITSCH - 03/12/20 02:01 PM EDT

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“It gives preference to treatment methods that destroy PFAS entirely rather than filtration systems that capture PFAS, often leaving the accumulated contaminants in a landfill.”

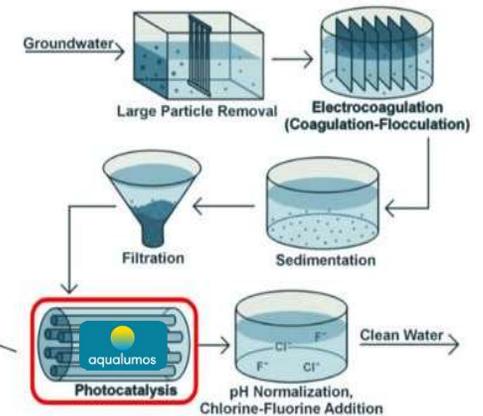
OUR COST-EFFECTIVE SOLUTION DESTROYS TOXIC PFAS

- Non-provisional photocatalytic method and apparatus patent filed
- Modular design that scales to all sizes and applications
- Superior to competitors:
 - Destroys PFAS vs filters
 - Estimated 35% lower lifetime cost

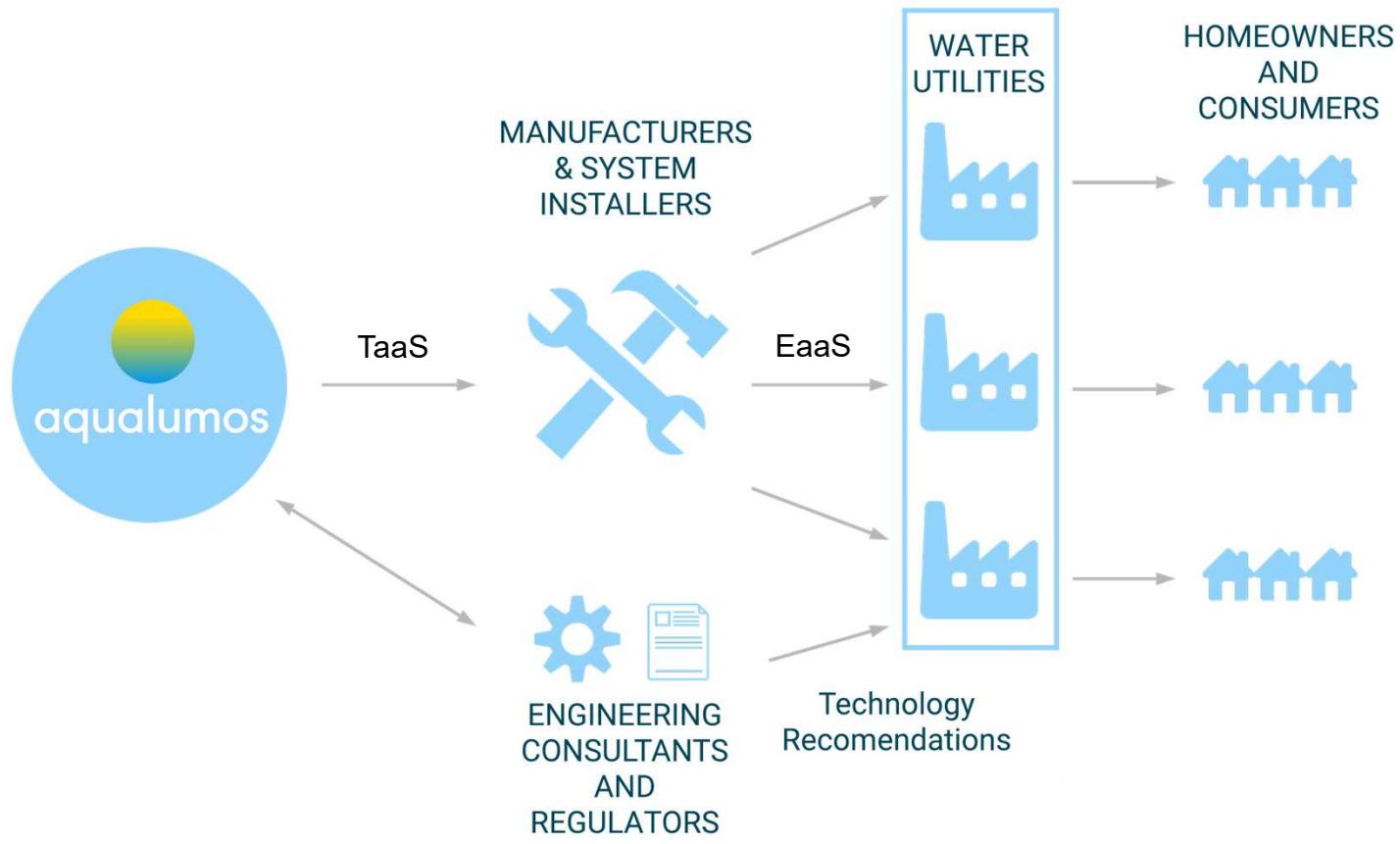


“Aqualumos PFAS Slider”

Water Utility Treatment Process:



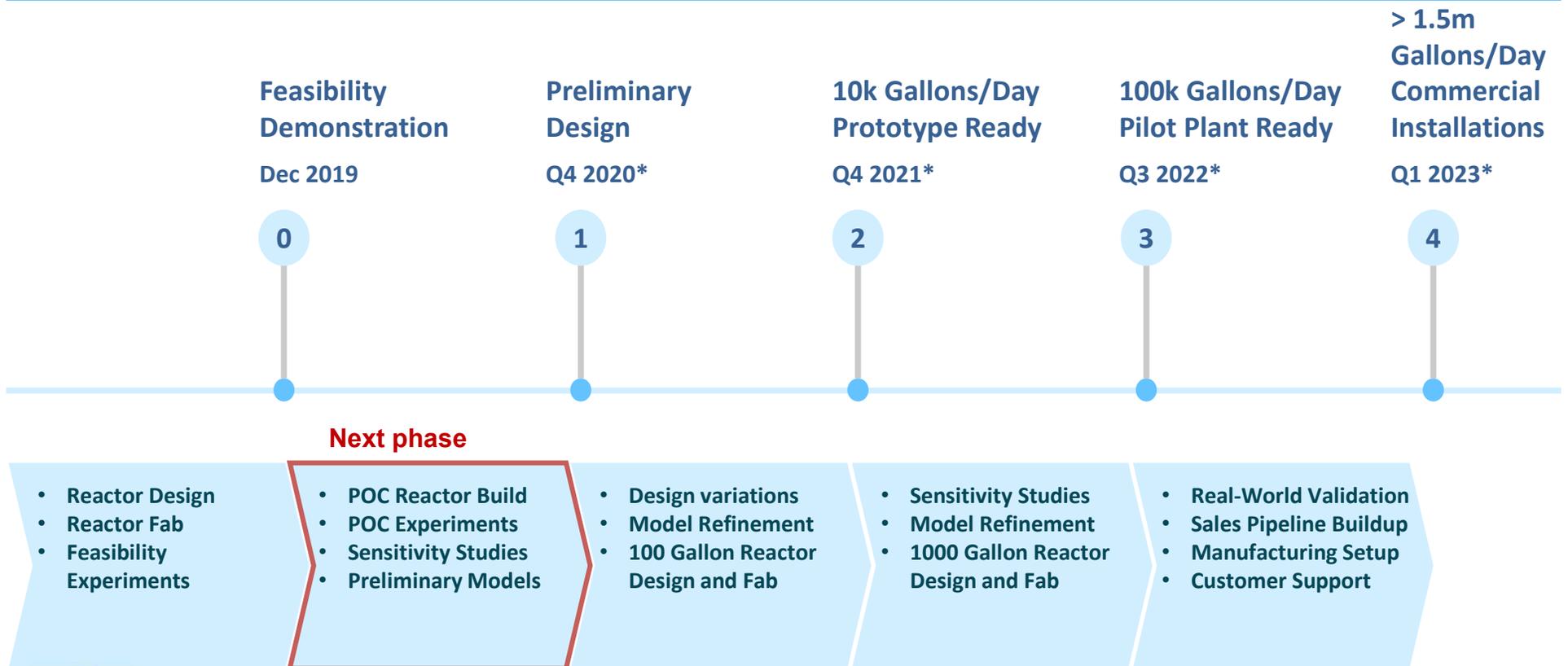
WATER PURIFICATION BUSINESS MODEL



10-YEAR REVENUE PROJECTIONS: \$280M NPV



DEVELOPMENT TIMELINE



MEET THE TEAM



**NIKOLAS
HOFMANN**

CEO
BBA/Chemical
Engineering
UCONN



**GABRIELLE
CONRAD-AMLICKE**

VP Marketing/Outreach
Master of Social Work
UCONN



**BRENDAN
MACINTYRE**

CTO
Chemical Engineering
UCONN



SRI DIVAKARUNI

Business Partner
Former UTC/IBM
Executive





**VIJAY
JAYACHANDRAN**

COO
Ex-UTC VP




**JEFFERY
MCCUTCHEON**

Technical Advisor
President,

North American Membrane Society
UCONN

WHY AQUALUMOS?

Business Opportunity:

- Large multi-billion dollar market
- Timing is right
- **Cost-effective technology that actually destroys toxic PFAS**
- Opportunity for global impact on health and sustainability
- Everyone Wins!

Funding:

- **Pre-seed: \$250k**
 - Long-term Partners
- **Seed: \$2m**
 - SBIR application Q2 2020;
Anticipated funding Q4 2020
- **Series A: \$3.2m**





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**HELP US BRING CLEAN
DRINKING WATER TO
COMMUNITIES IN NEED**

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