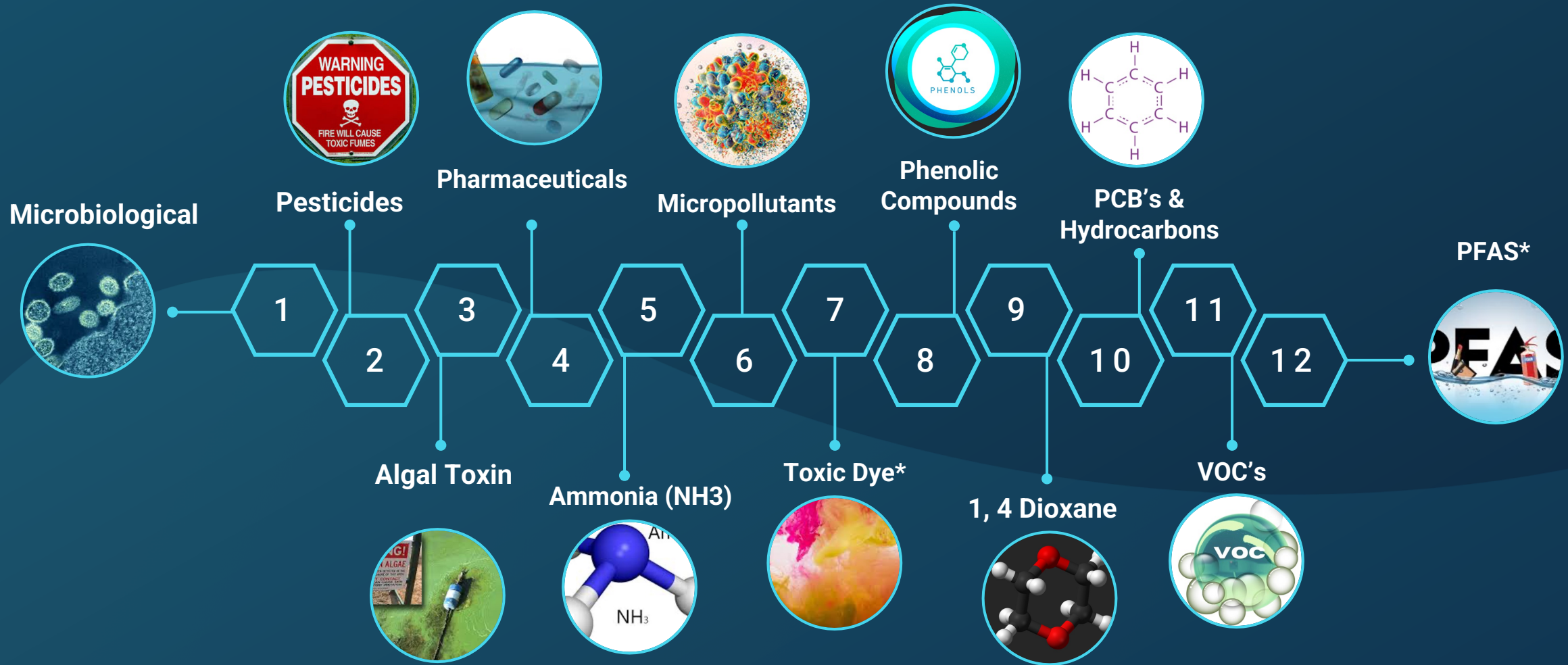




**ARUNA**



# Treatment Spectrum



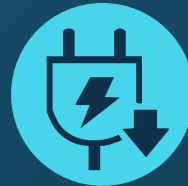


# VALUE PROP

•OH  
High Reactivity

Complete  
Mineralization

Photolysis &  
Photodissociation



LOWER  
ENERGY



LOW  
EMISSION



FDA  
APPROVED



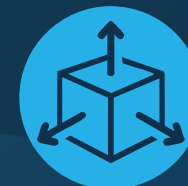
LOWER  
OPEX



MERCURY  
FREE



CHEMICAL  
FREE



SCALABLE



EASY  
INTEGRATION

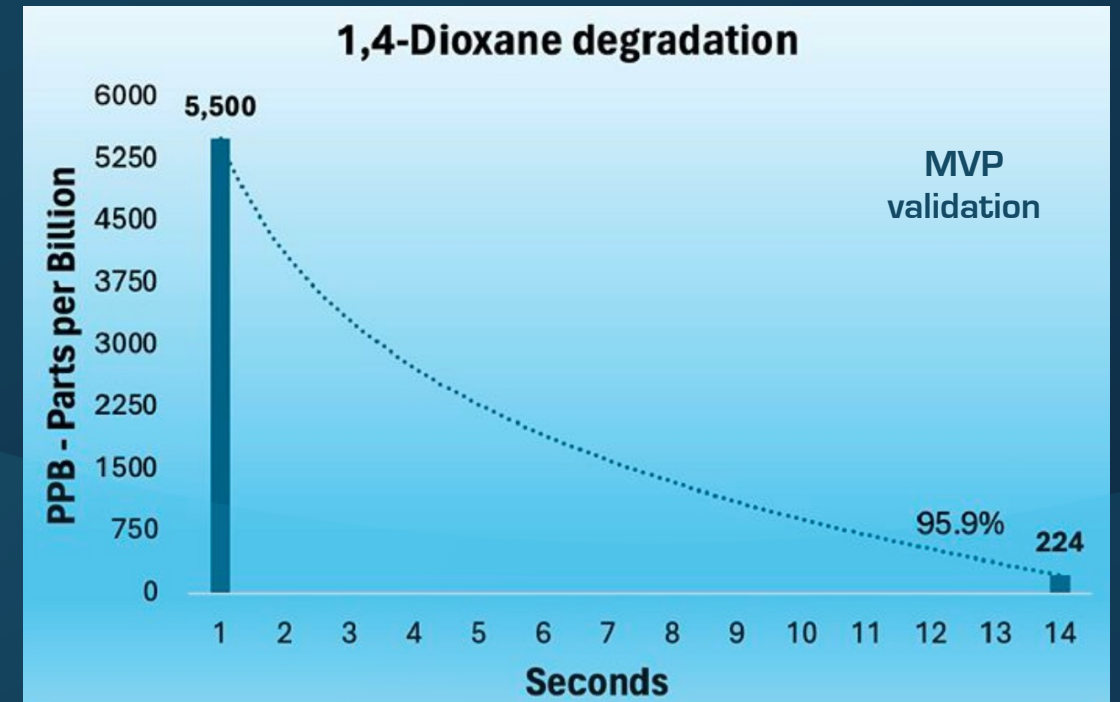




# 1,4 Dioxane treatment

Chemical & Mercury Free

800K GPD Treatment			
ARUNA			UV - AOP
Energy \$\$	\$19,710		\$305,078 1448%
Energy - kWh	131,400		2,034,000 1448%
CO2 (lbs.)	68,065		1,053,536 1448%
Yearly O&M	\$266,819		\$489,282 83%
Cost/1,000 gal.	\$1.99		\$2.73 37%
Mercury Lamps	NO		YES -
Hydrogen Peroxide	NO		YES -



- One Pass Treatment
- Volume: 3.6 gallons
- Time: 14 seconds
- Energy: 2.48 Wh

# Markets



Datacenters



Semiconductor



Power Generation



Food & Beverage



Aquaculture



Industrial Solutions



Municipal



Life Sciences



Residential  
Commercial



# Our Team



**Ameet Chaudhury M.Sc.**  
**Founder | CEO | CTO**

Technology executive holds a M.S. in Technology Management from Columbia University with a thesis on Aruna water treatment.



**Shekhar Chandrashekhar Ph.D.**  
**Co-Founder**



**Bryan Stubbs**  
**Advisor**  
**CWA**



**Robert Michel**  
**CFO**

20+ years experience as CFO for public listed companies, and a certified public accountant.



**Ted Rosen**  
**Board Advisor**



**Jaehong Kim**  
**Advisor**  
**Yale University**



**Sameer Neve Ph.D.**  
**Science & Engineering**

Sustainability Professional working in the field of green technology, and holds a Ph.D. in Environmental Engineering



**Alap Ghosh**  
**Advisor / Investor**

# Current State

- TRL 5
- 4 x Patent **granted**
- 4 x Patent **pending**

# Next Steps



- Pilot Funding
  - Disinfection
  - 1,4 Dioxane
  - Ultrapure Water
- JV & Licensing opportunities



**Ameet Chaudhury**

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