

## Safe Clean Drinking Water; The Worldwide Challenge Of Preventing Waterborne Illnesses

### Technical Target Description

An entrepreneur with a novel **non-thermal water sterilization technology** is seeking **collaborative development & commercialization partners**. The initial objective is to move from lab scale to minimal viable product (MVP). The ultimate goal is to bring water treatment systems to those who need it most in a variety of markets.

The technology has been **demonstrated at lab scale** to log-7 reductions with e-coli and salmonella pathogens and **Patented (IP)** (recently Allowed, soon to Issue).

Water treatment applications anticipated include:

- Low cost rural/**developing world** communities;
- Camping/hiking **outdoor recreation** markets;
- Water based **small appliance/home appliance** (integrated into potable water/beverage systems); and
- Others

### Key Interests

**Of particular interest are partners** who have one or more of the following capabilities:

- **Passion to deliver clean safe drinking water** to those without;
- **Expertise in water treatment** systems;
- Amazing **product design** capabilities, including:
  - o **Electronic**, electric pulsed electric fields, electrolysis, treatment chamber design;
  - o **Fluid mechanics**, pumped and gravity fed systems at low flow rates in the ounce or two per second range; or
  - o **Industrial/consumer product design** and all that goes with it CAD, 3D-print, consumer testing, etc.
- **Access to markets** which would make product launch at higher scale more likely;
- **Corporates and NGOs** with water sterilization interests; or
- Other well suited partner capabilities and backgrounds that would enjoy designing, testing, and bringing products in this space to market.



### Desired Outcome

For this challenge we are interested in **meeting potential partners who can take leadership roles in developing products around this technical approach or license/acquire the IP/technology**.

Outcomes include:

- 1. Move from lab scale to MVP** with a target application identified;
- 2. Demonstrate effectiveness** of solution against a regiment of pathogens; and
- 3. Develop business case and go to market plan** around the target application identified.

### Appropriate Responses to This Request

Responses from companies (small to large), academic researchers, other research institutes, companies, consultants, venture capitalists, entrepreneurs, startups, or inventors are welcome.

Appropriate responses will address the following:

- Non-confidential introduction and brief description of your background and interest in this challenge; and
- List of any published patent applications or issued patents.

### How to Reply

[Click to reply, start a conversation](#)

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