

AquiSense Overview

EPIC Online Technology Meeting
UV-LED-based Technologies and Applications

22 June 2020



aquisense
technologies

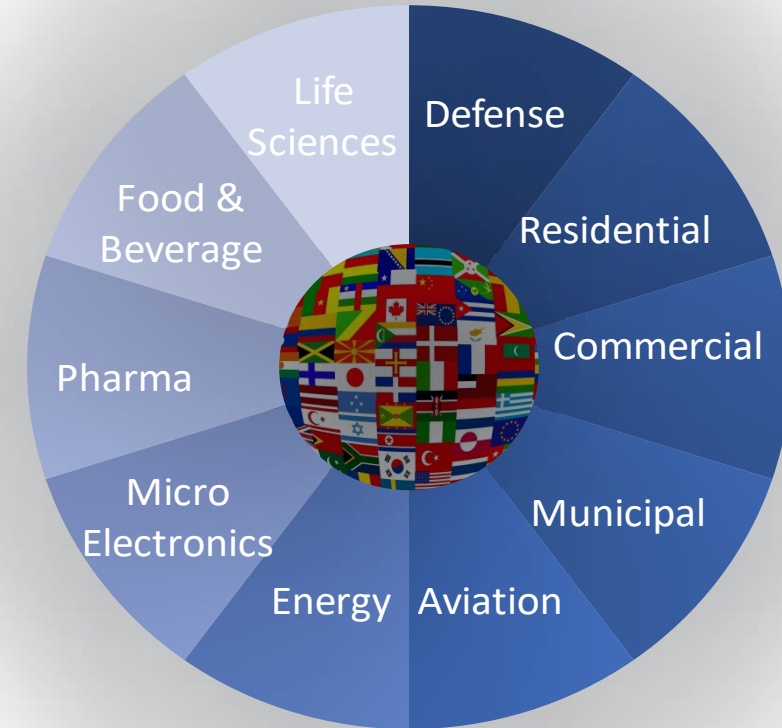
International Ultraviolet Association (IUVA)

- Founded in 1999
- IUVA is a not-for-profit, educational association
- Members: utilities, regulators, academicians, consulting engineers, manufacturers, and other interested professionals
- Members in 36 U.S. states and over 30 countries

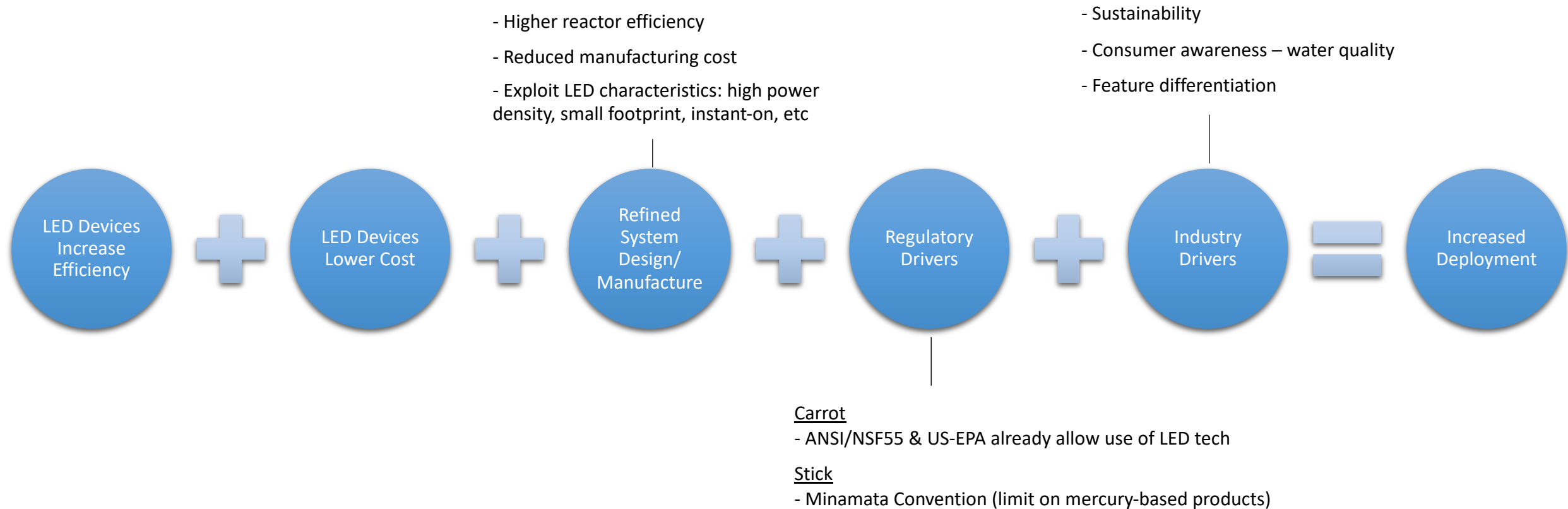
Our Mission

- Provide a forum for the discussion of scientific and technical issues relating to the use of UV
- Develop a common voice for users & suppliers UV technologies
- Develop rational terms, units and nomenclature in UV technology
- Encourage research into the advancement of UV technologies
- Promote adoption of rational environmental regulations that consider the use of UV

UV Applications



UV-C LED Commercialization



AquiSense Technologies

AquiSense exists to protect human health

Pearl products use Ultraviolet UV LEDs to disinfect without harmful chemicals or heavy metals

Our goal is to provide OEM products that are not just better, but vastly better than existing solutions

Company Differentiators

People

- Global footprint: USA, UK, Germany, India, Taiwan & Japan
- Highest level of capability/experience in sector

Technology

- In-house UV-C LED benchmarking laboratory
- In-house design; optical, electrical, mechanical, microbiological

Product

- Core product design advantage
- Multiple product platforms; Water, Laboratory, Air, Surface

Manufacturing & Supply Chain

- Largest global purchaser of UV-C LED devices
- In-house, high-volume, semi-automated US assembly



Product Platform Overview

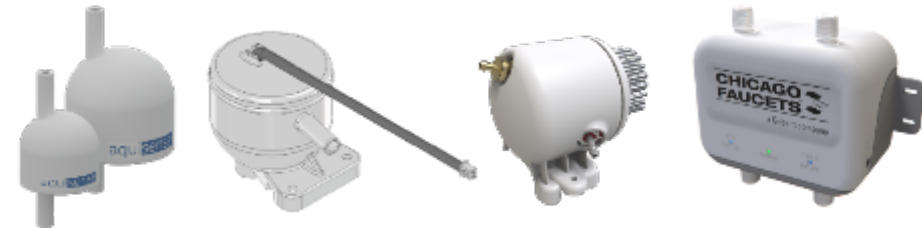
Stand-alone

- PearlAqua
- PearlAqua Deca
- PearlSurface



OEM Integration

- PearlAqua Micro
- Custom Variants



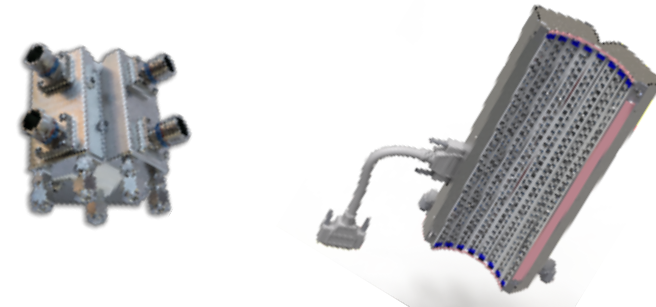
Research Products

- PearlBeam
- Others; LabMicro, Thin-Film



Special Projects

- Space, Aviation, Automotive, Oil & Gas, Microelectronics, etc



Key Design Criteria

