



***Test your water. Anytime. Anywhere.  
For early intervention.***

1. What the product/service is

AquoSense is a rapid, easy-to-use water quality sensor system that provides users with timely information to enable them to make informed decisions to manage water for sustainability, increase productivity and reduce financial losses.

The sensor system is comprised of electronic sensors for measuring pH, dissolved oxygen, conductivity, turbidity and temperature. The device can store sensor readings and transmit data to an analytics cloud server over an internet connection for remote data access of real-time water quality status.

2. What the problem is

- Lack of real time information on water quality for timely intervention.
- Current practice involves manual sampling and testing of pond water at least 2x a day.
- Costly and complicated water quality sensors
- In the absence of a water quality sensor, need to send water sample to test lab. Testing fee is costly and test results take several days.
- Need to monitor several ponds a day.

3. Who has this problem

- Intensive aqua farms and private and public entities that need to monitor water quality.

4. What's your solution

- Automated sampling and testing of water quality with rapid results.
- Easy to use sensors.
- All-in-one calibration solution.
- Portable product version that is cost-competitive and lightweight.
- Data access via cloud server allows monitoring of multiple sites.

5. What's special about your solution

Our AquoSense Water Quality Sensor provides rapid results. It gives timely information on important water quality parameters when and where you need it, for early intervention and loss-reduction.

6. How are you going to bring this product/solution to the market

- Direct Product Sales
- Indirect sales via product distributors
- Equipment Rental
- Water Quality Monitoring Services
- Data in the cloud server may be subscribed by customers
- Consumables e.g. calibration solution will be available for sale
- Product upgrade or customization will be provided to customers

7. What's your current status

Prototypes for both the fully-automated system and a portable handheld version have been developed. Second phase of funding has been approved by DOST-PCIEERD for market survey, validation and further field-testing.

IP Protection application being fine-tuned for filing.

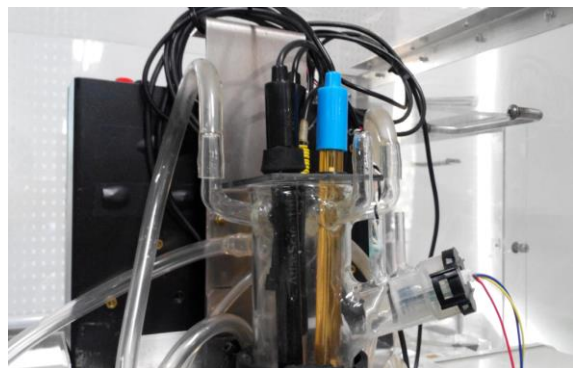
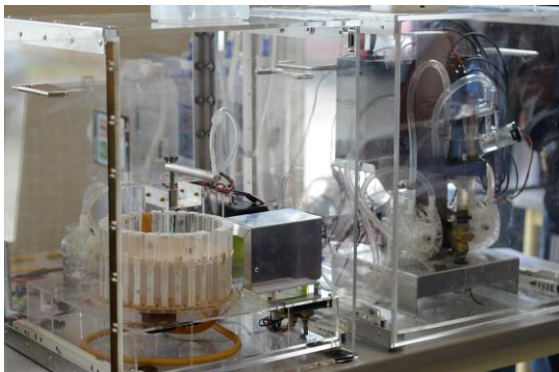
Commercialization of the product is targeted within the year 2017.

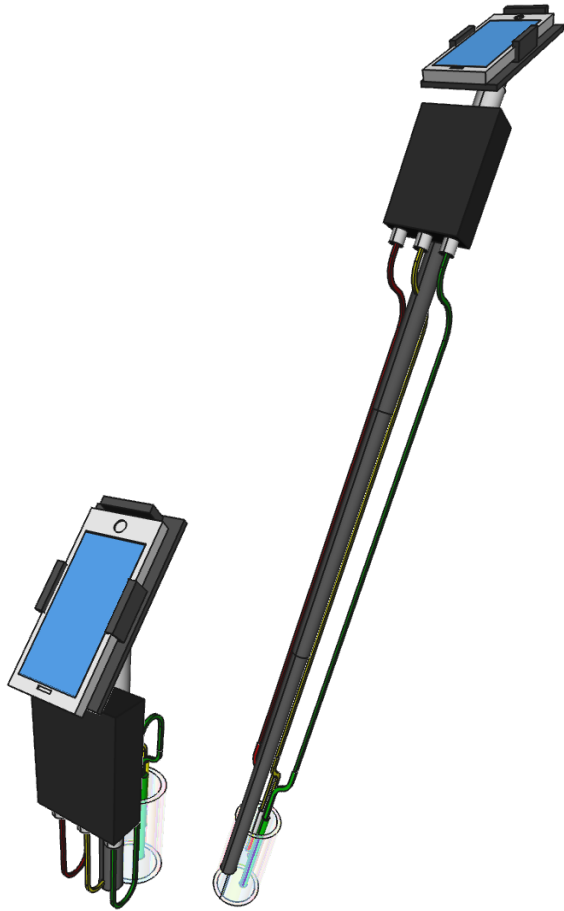
8. What do you need

Seed funding for product launch.

Pictures

Fully-automated water quality sensor system





Portable water quality sensor system

Contact details:

Engr. Maria Leonora C. Guico  
Ateneo de Manila University  
Loyola Heights, Quezon City  
Telephone: 4266001 loc 5641 or 5646  
Email: [mguico@ateneo.edu](mailto:mguico@ateneo.edu)