

# Who is a small farmer – Passionate about what he does, but faces too many challenges and sometimes helpless too...

Practices aquaculture in less than  
10 acres of land often on lease  
basis



Predominantly works with the  
local dealers for access to inputs



Dependent upon agents to sell  
harvests & is often exposed to high  
price volatility



Is the sole earner of the family  
and aquaculture is the mainstay



Does not have the resources to hire  
technical experts to assist with  
farming



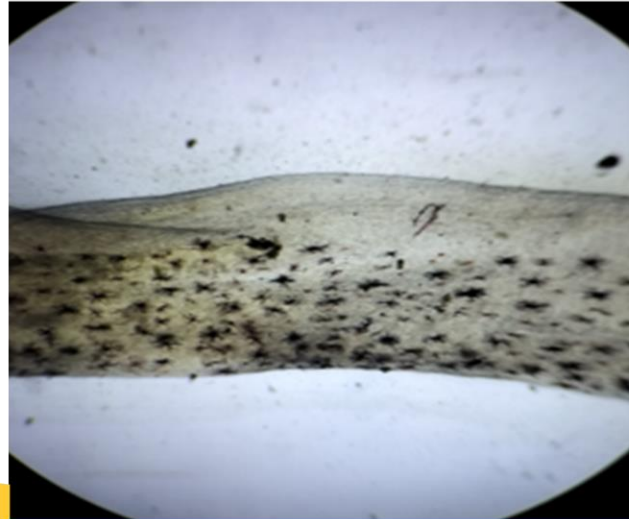
Produces nearly 50% of Shrimp in  
India and is a key player contributing  
to exports

# How does technology help – Saves crops, Decreases costs, Enables finance and Helps sell his shrimp



**10%**  
decreased  
FCR

Automated feeding  
solutions to improve  
efficiency of feeding shrimp  
**Feeding Shrimp**



**22%**  
reduction in  
interest rate

Facilitating formal finance  
for farmers to make them  
independent  
**Money Matters**

## Farming Smiles

Technology designed to  
help farmers save crops and  
reduce cost of production

**2.6 mn**  
Crop saving  
phone calls



## Shrimp Doctor

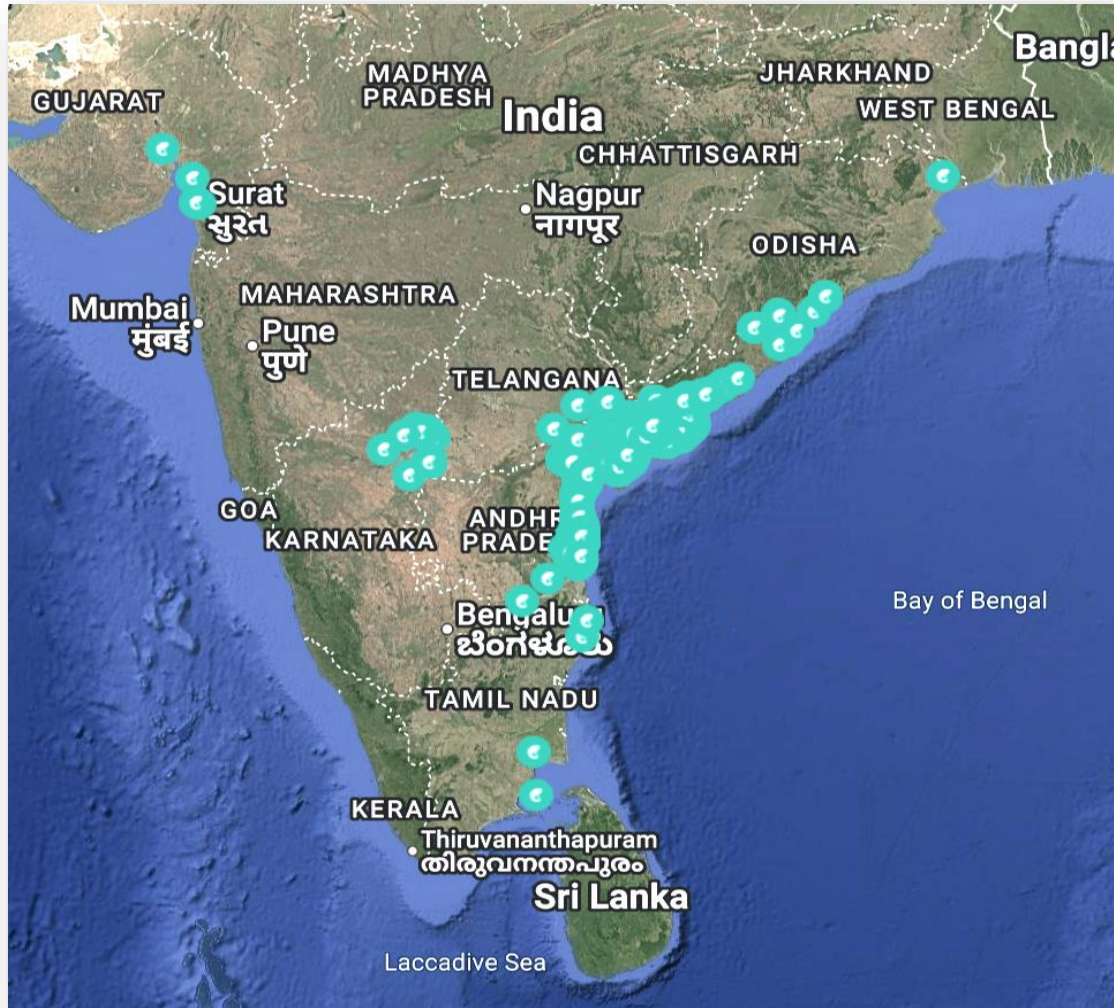
AI enabled predictive health  
monitoring for farmers to  
improve yields & reduce crop loss

**14%**  
reduced  
crop loss

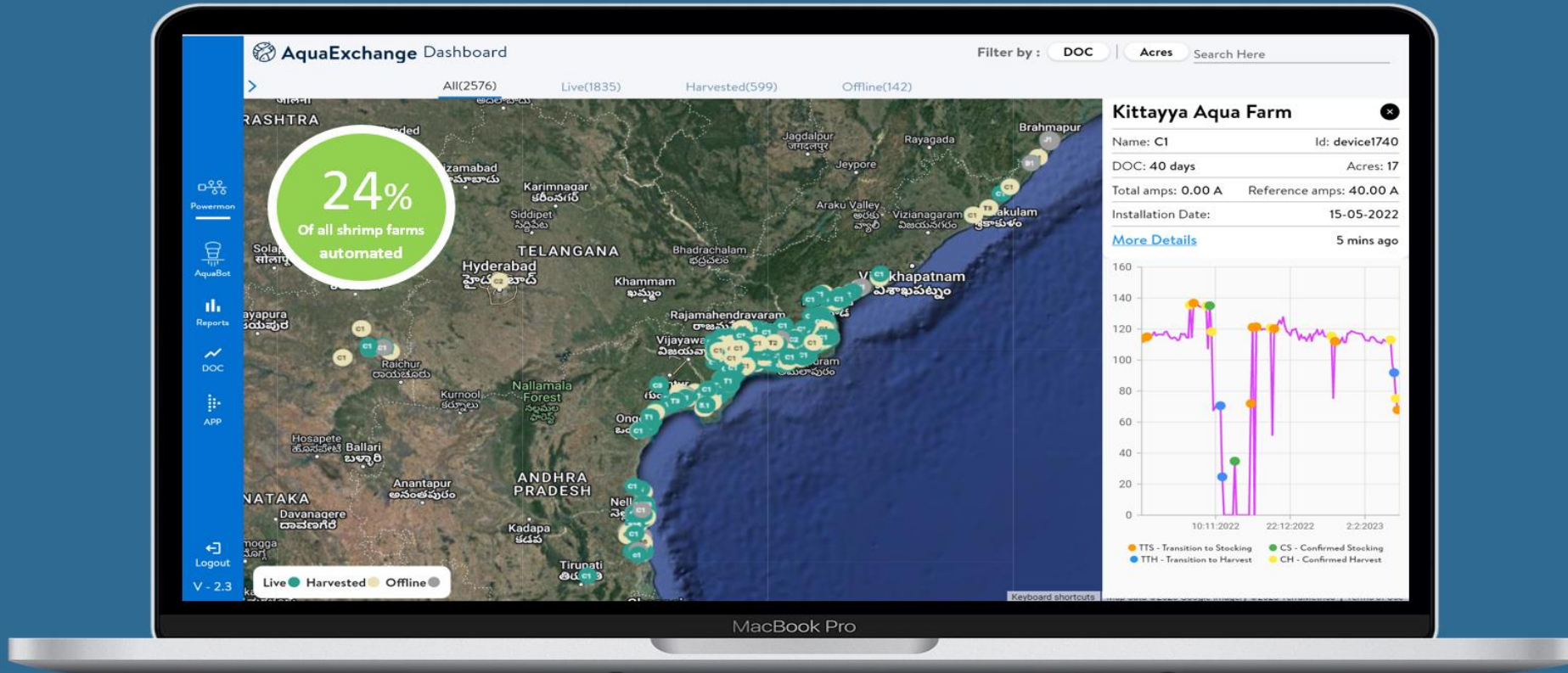




**Impact of Technology** – Technology places the small farmer on the international shrimp map and helps improve quality of supply chain



# AquaExchange – A technology company with a farmer first approach and full stack solutions



5,000

Happy Farmers

60,000

Acres automated

\$ 2 mn

Farmer Savings

84%

Crop Success Rate

AquaExchange is the ONLY company to have automated 24% of all shrimp farms in India & to track crop activity in real time. It is facilitating PSL funding to all such farms and is also providing effective market linkage services to reduce the cost of production



# AquaExchange – Farmers adopt technology in a phased manner to save their crops, improve yields and increase profitability

**Affordable, subscription-based IoT solutions for farm automation and tracking**

**Accessible 24/7 via the Aqua Exchange App**

## Power Monitoring

*Saves upto 30% electricity and alerts when aerator halts*



PowerMon



APFC

## Smart Feed Management

*Enables effortless, accurate and probiotic feeding*



Smart Scale



Static Feeder



Aqua Bot



Brewmaster

## Crop Health Monitoring

*Enables monitoring without the need to send to any lab*



OxyMon



PathoMon



24x7 Crop Monitoring



**AquaExchange owns all intellectual property, from its in-house manufactured devices to its proprietary technology platform**

# AquaExchange Impact – Increased the crop success rate for small farmers and increased visibility into the sector

