Bariflolabs

AERATION SYSTEM

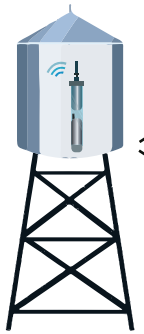
SENSOR

Predicts DO, ph, ORP, TAN, TOC ,PO_4^{3-}

WATER PUMPING

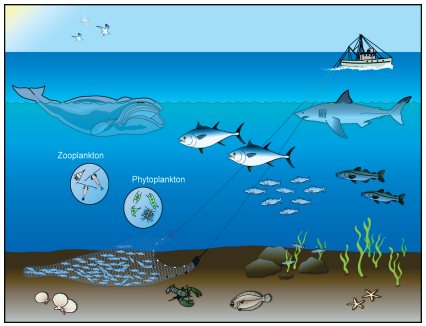
OVERHEAD WATER TANK

BOD,COD,pH, Temp, TDS



BLOCK ADMINISTRATION

HOME

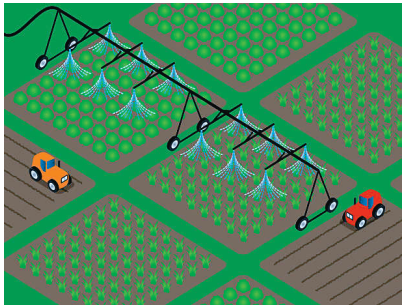


FISHERIES
- Output Increased by 25%
- Livelihood Generation
- Carbon Emission decreased by 50%

RURAL POND WATER BODY

LORA

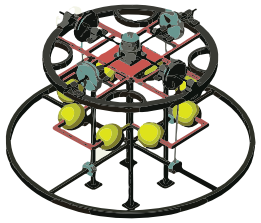
WATER PUMPING



AGRICULTURE (Irrigation) Pipeline

LORA

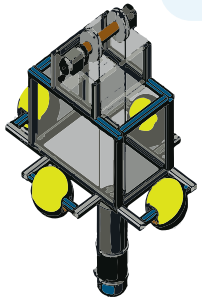
PRODUCTS



AERATION SYSTEM

Our patented sediment aeration device diffuses air at the sediment level where the majority of w--aste and aquatic species shelter and helps main--taining dissolved oxygen at sediment oxygen b--oundary layer.

- Intelligent sediment aeration
- Climate driven aeration
- Energy cost saving by 50%
- Remote operation through cell phone dashboard
- Capital cost reduction by 25%
- Warranty of 3years
- Growth by 10%



MONITERING SYSTEM

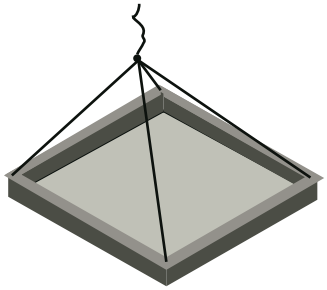
Our cost effective AI based monitoring device will provide data at various places across the waterbody to present practical problems, wh--ich existing technologies are devoid of.

- Remote operation through cell phone dashboard
- Modular and easily transportable
- Predicts DO, pH, ORP, unionized Ammonia,Phosphate
- Warranty of 2 years
- Remote operation and Analytics

PRODUCTS

SMART CHECK TRAY

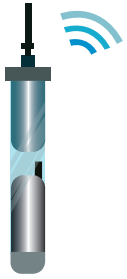
The paramount objective in feed monitoring is to adjust the daily feed ratio as close as possible to the actual requirement. To date, the most effective and practical approach to feed monitoring is with the use of the feed monitoring tray.



- Growth frequently improved
- Per unit feed cost reduced
- Improved water quality
- Reduced enviromental pollution
- Greater yeild

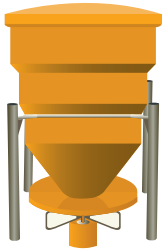
SENSOR

Sensors used in smart farming are known as agricu--lture sensors. These sensors provide data which assist farmers to monitor and optimize crops by adapting to changes in the environmental conditions.



- Minimise Maintenance and downtime
- Increasing Reliability and Efficiency
- Built to Last
- Tracks current and weather

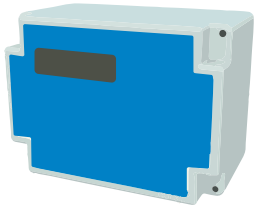
PRODUCTS



MOBILE FEEDER

The feed distribu-tion mechanism is the main component in an automatic feeder and disti--nguishes it from a feed dispenser. The feeders are fixed in a rack on the tank or on the cage, but may also be included in a buoy.

- Ease of Maintainance
- Even Spread of Feed
- Manage Feeder through Mobile App
- Daily Feed Reports
- Monitor attentiveness of supervision



POWER MONITERING

Studying power measurements allows teams to observe equipment performance, discover electrical problems, assess how an asset is consuming power, and even if assets are on or off.

- Ensure Availability
- Improve Efficiency
- Cover total cost of ownership
- Optimize and plan for capacity

PRODUCTS

MOBILE WEED HARVESTOR

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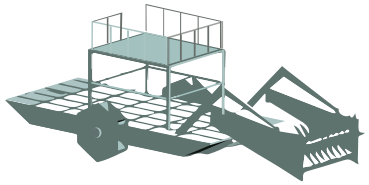
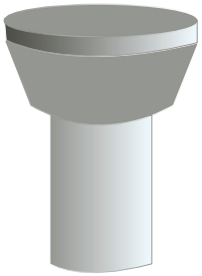


- Dual Impact Protection
- Improved water quality
- Releases healthy nutrients
- Eco Friendly

SKIMMER

Skimmer provides users with at-a-glance information on technician locations, start and finish times, daily routes, and servic stop details.



- Reduction of Disposal Costs
- Recycling Opportunities
- Hygienic Benefits
- Extend Tool Life