



hydropatrol

Earn money while fighting algal blooms

Don't want to see these pictures in the future? Give us your attention for the next 2 minutes



Botswana, April-June 2020

350 elephants dead due to toxins in
watering holes.



Toledo, USA (2014)

0.5 Million people with 'NO WATER' supply
for 3days.

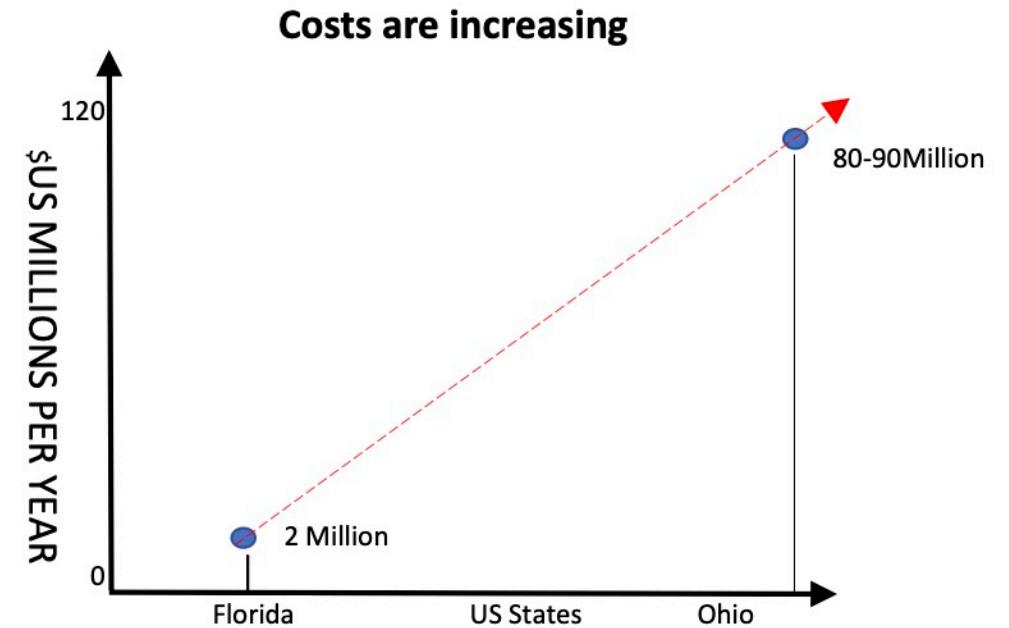


Menindee, AUS (Jan 2020)

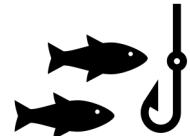
100y/o fish among a million die due to HAB.
A Public outraged, call for action.

There is no global solution

- Average cost: **50 million USD per state** in the US
- The annual cost **per lake** is **100,000 USD**
- Remember **Sweden has 97,500 lakes.**
- **One single isolated event** in Australia's southern ocean cost a tuna farm **\$A 45 million.**
- Spare a thought for 3rd world countries. Their cost is in lives.



Government



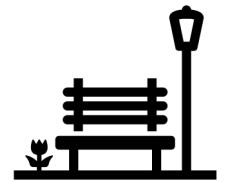
Fishing Industry



Tourism Industry

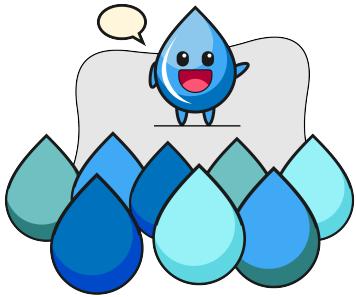


Farming Sector



Recreation

Our solution – turn problem into money!



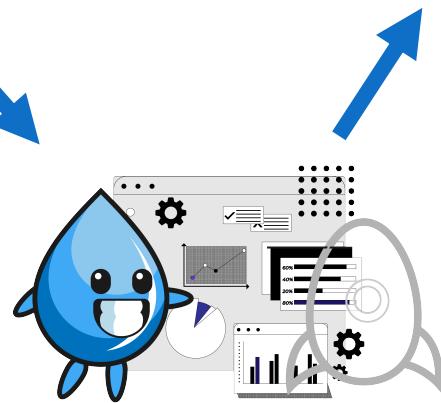
Enable multi-actor collaboration and data sharing



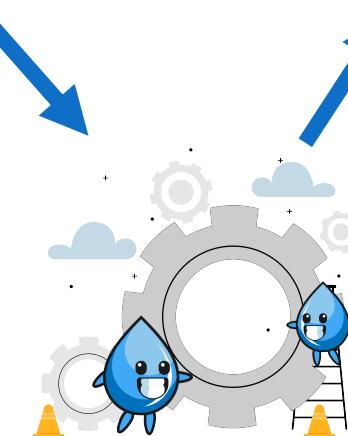
Predicting nearest algal blooms using shared database



Turning algal waste into value

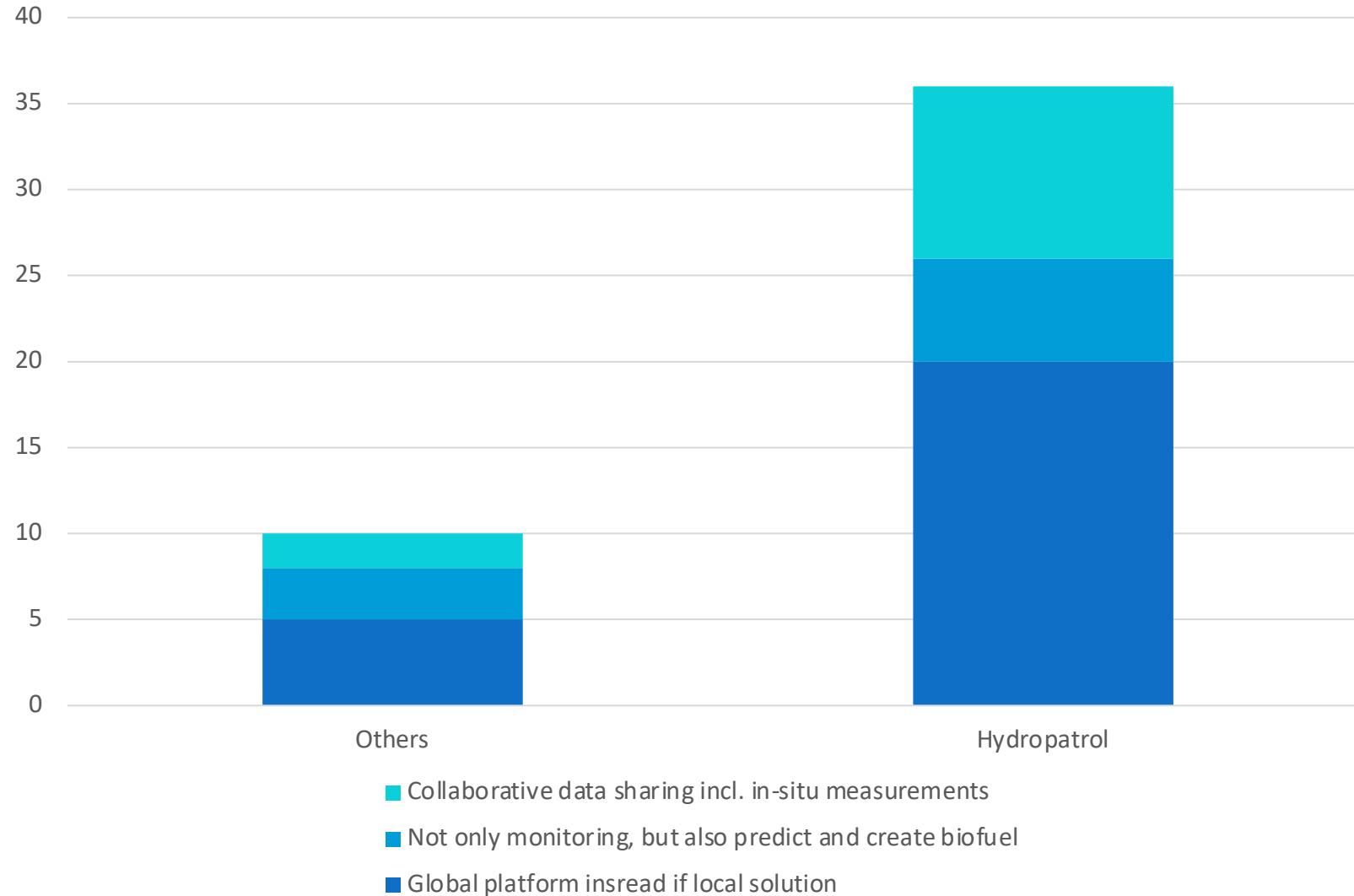


Use Copernicus space data for monitoring and predicting



Build IoT devices for easy in-situ measurements

Value Proposition



Competitor Analysis

- CSIRO “Eye on water” Australia app is one example of a national effort to engage citizen science
- The CSIRO Australia have a long term plan for a dedicated satellite as part of a national inland water surveillance network
- In the USA state and EU, local level approaches dominate.
- Globally most water supply responsibility belongs to local & state authorities relying on government funding. As such the approach is minimal testing and have a low trigger point to cut off supply avoiding any chance of liability.
- **To date we have yet to discover a competitor with a collaborative global platform solution.**



We are hydropatrol. We use space data to save lives.



Maciej Gumulka
• Technical Project Management
• Business Development



Michael Scales
• Domain Expert
• Business Development



Erik Anders
• Data Scientist
• Background in Statistics and Machine Learning



Mark Bergrahm
• Platform developer
• Studying computer science



Tobias Jogrden
• Platform developer
• Studying computer science