



Planetixx is an Earthshot-nominated climate tech innovator that uses satellites & AI to track plastic pollution, forecast harmful algal blooms, and protect public health.

Our mission: turn water intelligence into action for a resilient, sustainable blue economy.

THE EARTHSHOT PRIZE

Water: Critical Resource at Risk



11M

tons of plastic enters the ocean per year

50%

seagrass meadows have been lost

\$8B

damage caused by harmful algal blooms





Our Solution





Multi-Sensor Satellite Imagery



Al and Computer Vision Models



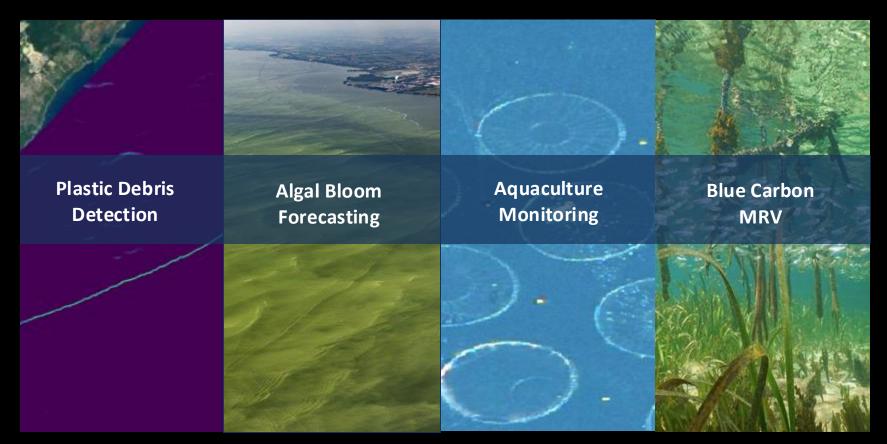
Data Distribution (via Web + API)



Global Water Monitoring Service

Use Cases & Services





Value Proposition

Global measurement, reporting & verification (MRV)

Geographically unlimited

Measure change over time

Establish baselines, identify hotspots, make predictions

Actionable insights

Scores, maps, metrics, & reports

Enables regulatory alignment

Evidence for ESG and Science Based Targets reporting

30x

greater monitoring frequency

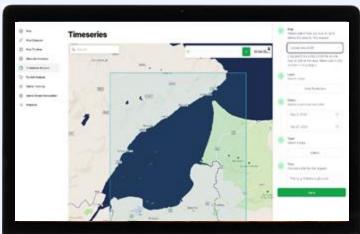
20x

improvement in cleanup efficiency

10x

lower cost than ground surveys







The Planetixx Observatory

The Bloomberg Terminal of Ocean Data



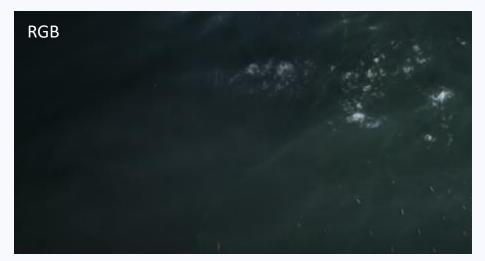


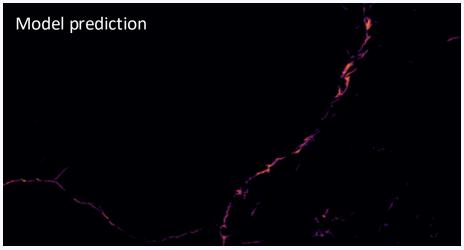
Deep-dive:

Plastic Debris Monitoring

Debris Probability Mapping











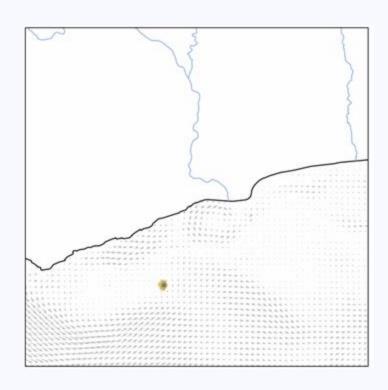
Predicting Debris Movement



Use current and wind models to predict future debris location

Contours from model uncertainties

Validation underway using successive satellite images



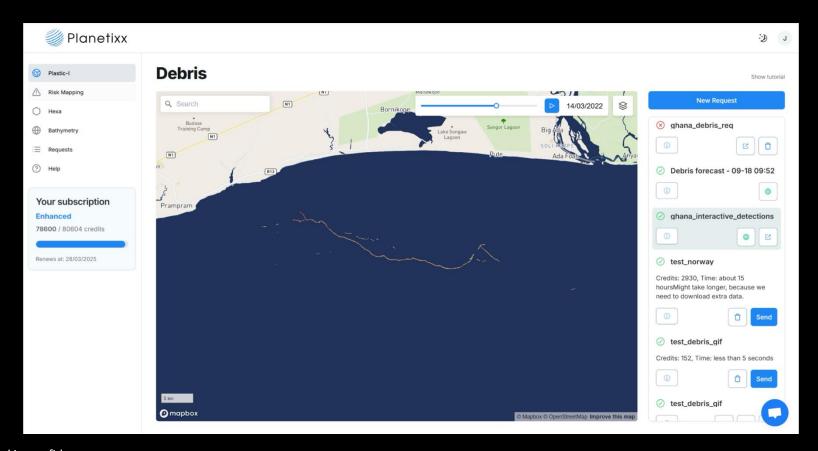




Case Study:
Plastic Debris Monitoring
in the Philippines

The Planetixx Observatory





The Water-Disease Link





Direct Pathway



Key Indicators



Sewage Outfalls



Water Quality Degradation



Flooding Overwhelming Sanitation



Indirect Pathway



Key Indicators







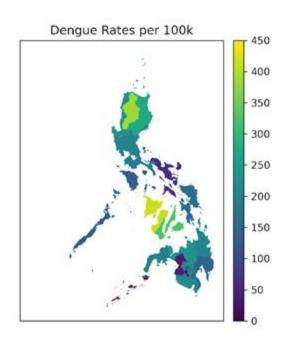
Blocked Drainage

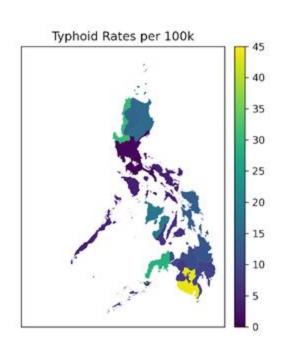


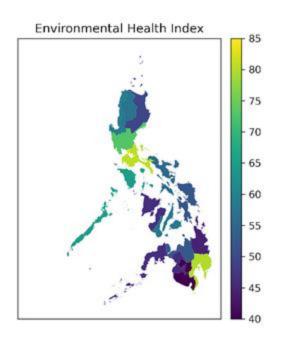
Persistent Flooding

Mapping Disease Risk









Stakeholder Ecosystem



B2B

- Water utilities
- Insurance & finance
- Corporate ESG & compliance

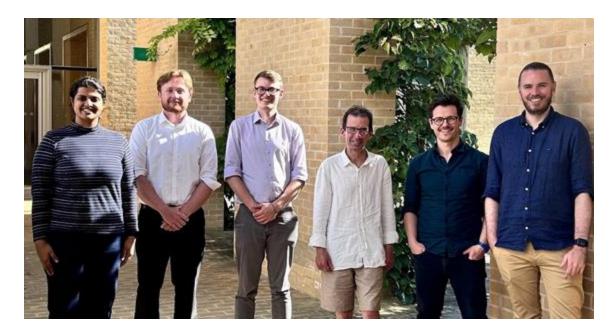
B2G

- Public health practitioners
- Environment agencies
- Global Plastics Treaty regulators

B2NGO

- Cleanup operators
- Marine conservation groups
- Advocacy groups

The Team





















Scan to access the Planetixx Observatory



Book a demo by visiting www.planetixx.com



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