"The ever-expanding water demand of the world's growing population and economy, combined with the impacts of climate change, are already making water scarcity a reality in many parts of the world—and with it we are witnessing severe damage to livelihoods, human health, and ecosystems".

2030 Water Resources Group

Feature Highlights

- Overview maps on monitoring points and water measurements.
- Water quantity and quality measurements.
- Parameter values drill down on physical, chemical, biological and organoleptic properties.
- Comparative tool to assess compliance with national and international water quality standards.
- Alerts and reports.
- Community Reporting.
- Downloadable databases.
- Multiple access points.
- Unique custom made algorithms to run deep analytics.

Aqulytics is a cloud-based platform to help governments, businesses, NGOs and communities, track and protect freshwater resources with the use of big data analytics and participative monitoring technologies. We digitize and consolidate public historic data on water quantity and quality, while providing our users with an all-encompassing tool to monitor water sources and ensure compliance with national and international standards.
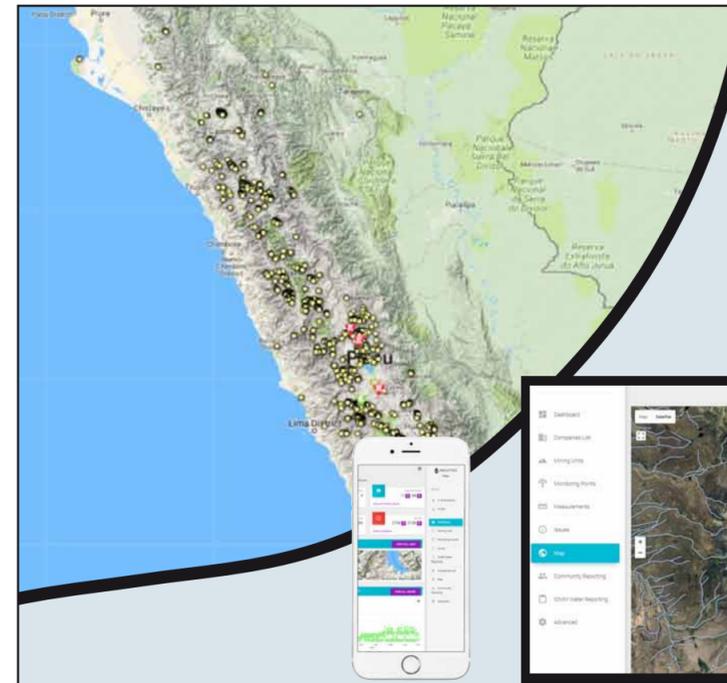
We have a working MVP with over 1.5 million data entries covering all of Peru

We are committed to the protection and sustainability of water, and support the monitoring of wastewater and industrial discharges drilling down on physical, chemical, biological and organoleptic parameters. Our participatory monitoring features are ideal for brokering partnerships between the industry, government and communities in support of improving access and quality of freshwater sources.

"Water is fundamental to life. With competition for water continuing to grow, water dependent industries such as mining, are facing increasingly intense scrutiny, particularly when operating in water-stressed areas".
International Council of Mining and Metals

AQULYTICS

"To enable continuity and growth, businesses need better information to quantify water-related business value at risk in ways that can be incorporated into existing decision-making frameworks and factored alongside operational costs and revenue forecasts".
ECOLAB

Our platform is tailored to meet the strictest water data management needs: We help our customers digitize, codify, and integrate their water monitoring records into a big data platform, making their data ready for deep analytics based on multi-variable and historic data. Our technological platform and custom-made algorithms allow our users to integrate supplementary information (health, soil, air, noise, etc.) for more comprehensive insights on how to mitigate and redress the impact of industrial discharges on people and ecosystems.

Our next steps
Aqulytics will expand to include more advanced algorithms and customizations tailored to the specific needs of our clients. We will include real time data and quantitative data from partners involved with creating monitoring hardware, while expanding to include data of other countries. Aqulytics will also grow into a research and development branch called "Aqulytics Labs" and in partnership with universities and research institutions, explore further possibilities for our data, while consolidating a tool with global information on the state of water.

Our long term vision is to become the largest and most credible global freshwater resource in the world, and a market reference for businesses and governments needing information, analysis and strategic insights to invest or expand projects that require data on the state of water.

Our Team
We are a multidisciplinary and international team with 15 years of work in technology, social and environmental services. Our staff has extensive experience in the design and development of data management technologies, and mobile and web applications that prioritize the user experience. Our team has also a high performance record in support of governments, companies and communities social and environmental management efforts.

AQULYTICS
For more information
www.aqulytics.com
Los Angeles, CA USA and Lima, Peru
contact@aqulytics.com