

Satellite based Decision Support Systems for Water and Climate

Monitoring water reservoirs, lakes, rivers, assets with ecological habitat surroundings.



The Need

- Water resilience is a global challenge requiring fast innovation and global scale-up, pressured by growing population, aging infrastructure and climate changes
- Water Resources Management and Water Quality monitoring is done today using slow, expensive, non-scalable and single-point-only methods
- Water companies pay huge amounts for water quality and infrastructure monitoring; and are exposed to penalties and lawsuits.

The Product

- A cloud-based Decision Support Systems (DSS) based on Remote-Sensing, Ecology, Cloud Software and AI
- Monitoring water reservoirs, lakes, rivers, assets with ecological habitat surroundings.
- Dashboard displaying trends and analysis. Receive early warnings and ecological recommendations for action

Unique Proposition

- Speeding up process of data collection to recommendation, from weeks to minutes, for all the reservoirs and habitats.
- Reducing operational costs, resources and time.
- Lower the barrier of human workforce responsible for reservoirs management

Partnerships



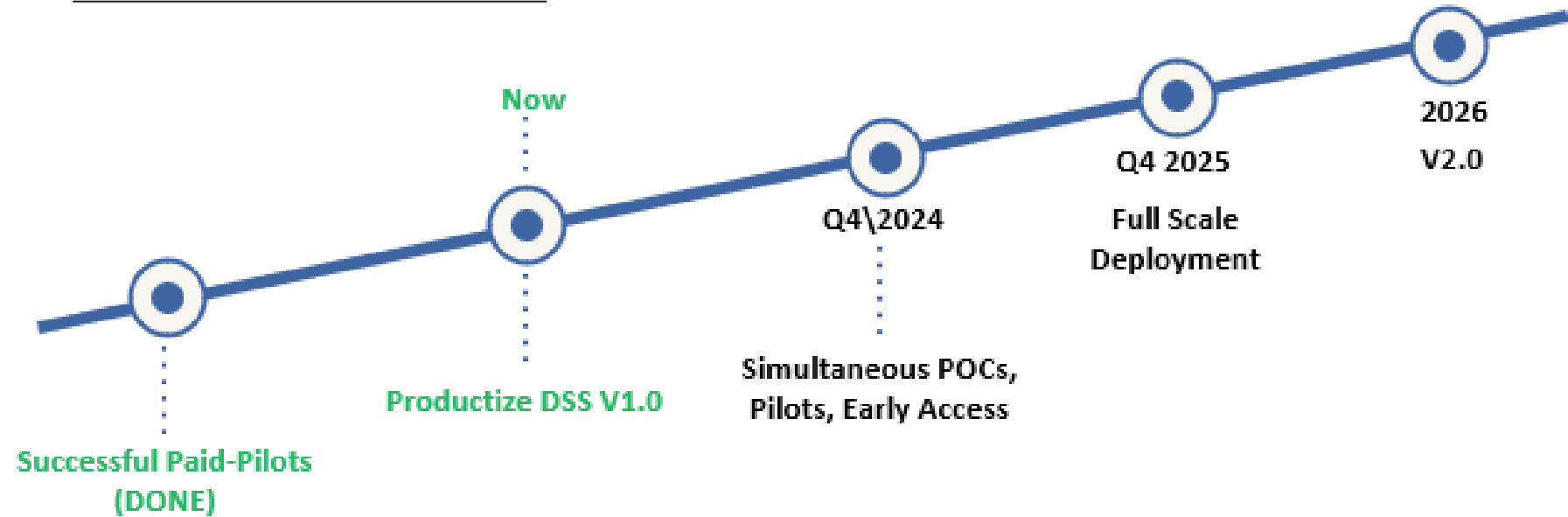
DSS for Water Sector Dashboard

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Roadmap and Readiness



Contact

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Company

- Extended capabilities for Water Quality and Water Resources Management
- Interdisciplinary expertise in ecology and remote-sensing, versatility and know-how
- Ecological models with tailor-made proprietary algorithms providing actionable insights
- Early movers in Remote-Sensing for Water sector

Go To Market

- Approach partners and customer: offer DSS to monitor water quality, infrastructure safety, risks and assets.
- Large service providers to offer DSS as an Added-Value-Service to their customer water companies