



Revolutionizing Decarbonization with Contextual Asset Grade Data

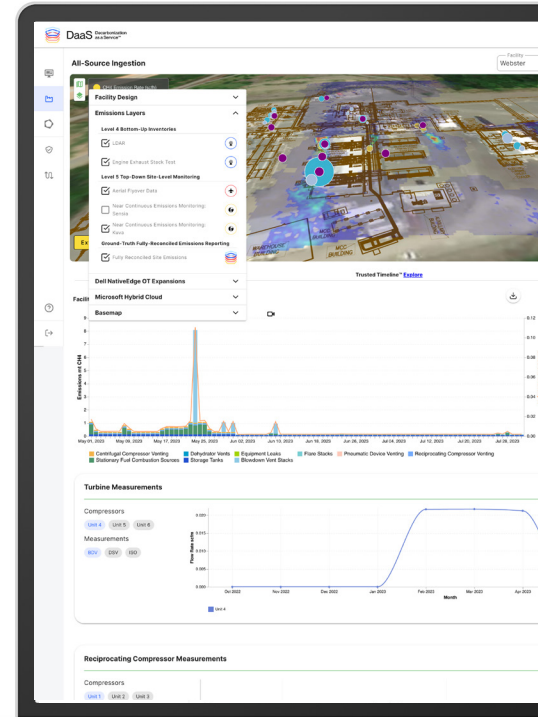
Decarbonization-as-a-Service™ (DaaS™) is a comprehensive, integrated solution to measure, monitor, mitigate, and report greenhouse gas (GHG) emissions. The machine learning and AI-enabled DaaS™ empowers firms to improve operational performance faster, to accelerate their Net Zero initiatives.

With new emissions regulations and stakeholder demands for greater transparency, organizations must take meaningful action to capture their true climate performance. Context in data provides transparency, enabling firms to accelerate their Energy Transition strategies. The DaaS™ Emissions Control Center is a “mission control” for enterprise-wide emissions, providing a real-time digital twin of granular equipment and systems, at an asset level.

DaaS™ provides a powerful platform that delivers Asset Grade Data — or proven, trusted, traceable, and verified data — that allows organizations to form a more accurate and empirical emissions profile. Powered by Context Labs' Immutably™ enterprise data fabric technology, DaaS™ seamlessly ingests, deconstructs, and contextualizes new and existing GHG emissions data from across the energy value chain. This solution documents the existence, source, and timeframe of ingested data and records this information to an immutable blockchain ledger, creating a verifiable contextual audit trail that strengthens trust. Third-party attestation from independent, industry-leading carbon market-verifiers provides an added layer of confidence that organizations are accurately measuring and monitoring their emissions.

DaaS™ enables customers to harness Asset Grade Data to move away from incomplete and inaccurate models and estimates and leverage automated, digitally-quantified, third-party attested environmental data to support full lifecycle carbon accounting. This solution facilitates stronger proof of performance for emissions reduction activities and provides trusted insights to advance climate goals, strengthen compliance and reporting, and improve visibility into operations. The Enterprise Data Fabric powering DaaS™ seamlessly integrates all sources of data, (e.g., SCADA, satellite, UAV, airborne, and remote ground sensors, etc.), to form a Context, which is digitally encrypted at each step along the way to enable a level of granular transparency never before possible.

With DaaS™, customers can transform their decarbonization efforts into a value-creation center. DaaS™, when combined with the Context Labs Environmental Attributes Repository (CLEAR Path™), supports environmental attribute (EA) asset inventory management for monetization activities. The CLEAR Path™ asset inventory ensures the sale of new environmental attributes and command premium pricing as they are backed by third party verification and Asset Grade Data.



What our customers are saying:

“To realize full potential on a world stage, to address methane emissions, we need to bring more transparency. We are doing that with Context Labs to represent the full life cycle carbon intensity of our natural gas, from well-head to burner tip.”

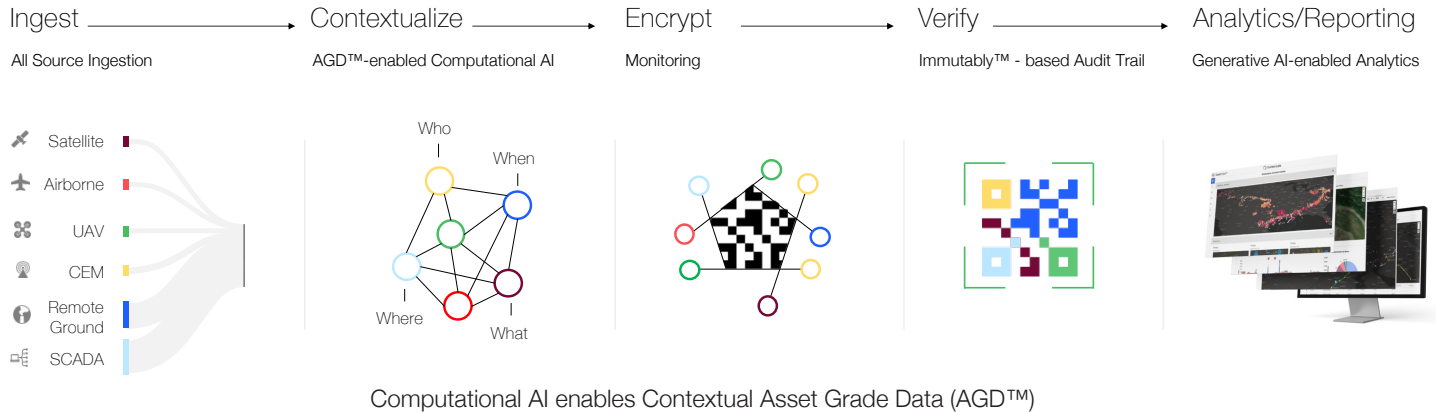
- Toby Rice, CEO, EQT





Creating Context with Source Level Data

Harnessing Big Data for Climate: Our AI-enabled platform captures all data in real-time, from every source, contextualizes it, encrypts it, and ensures immutable tracking for comprehensive climate insights.



Deployed on premise, in the cloud, or on the edge, Microsoft Azure offers secure, flexible infrastructure and hybrid cloud tools, simplifying data management and reinforcing governance to enhance trust in your emissions data.

Core Impacts, Outcomes and ROI Potential

Our Enterprise AI Enabled solution contextualizes, encrypts, and verifies data creating an irrefutable asset that enhances trust.

Strategic

Elevate your climate commitments with world-class digital proof, safeguarding against greenwashing. Boost global reputation and drive Enterprise Value (EV) through credible performance metrics.

Operational

Harness AI-enabled analytics to accelerate improvement along your carbon pathways, enhancing efficiency and sustainability across operations.

Commercial

Gain competitive edge with auditable carbon intensity verification. Secure premium pricing and demand by showcasing trusted emissions performance to markets and regulators.

Request a Demo

Contact info@contextlabs.com to schedule a demo.



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