

Data Management Across Asset Lifecycle and Ecosystem

Transparency and Tracking Provenance

Trace assets from origination to retirement. By increasing visibility into asset provenance and quality, and leveraging quality standards, the ECS platform enables higher volumes of trustworthy assets to reach markets. This expands opportunities for asset developers and participants like marketplaces, exchanges, verifiers, and registries. All parties benefit by automating, simplifying, and securing the asset origination process.

The Problem

Asset lifecycle processes are prone to inefficiency and inconsistency. Evidence collection, verification, data management, and interoperability are complicated, time-consuming, and expensive processes to navigate for ecosystem participants.

The Solution

EarthXCG delivers a common data protocol, data infrastructure, and analytics to drive the asset origination process, including collecting the data needed for evidence, audit/verification, reporting, and connecting with market platforms.

Vision

We are redefining high-integrity asset origination. Following open standards developed by the Global Blockchain Business Council / InterWork Alliance, and developed in partnership with Microsoft, we are simplifying how the asset creation lifecycle works in environmental markets and beyond.

Asset Use Cases

- Carbon and environmental crediting
- Renewable energy certificates
- Provenance and authenticity of commodities and goods

Features

- Common communications protocol
- Asset origination workflows
- Integrated verification analytics
- Data management and immutable ledger
- Managed service / SaaS

Benefits

- Increase supply of trustworthy assets
- Faster time to market
- Decrease costs and gain efficiency in markets through automation and digitalization
- Maximum transparency and asset quality, allowing for ease in understanding, comparison, sorting, and pricing
- Rapid implementation, zero-infrastructure requirements for participating organizations

