

Rakalene Condon Head of Product

ESG & SUPPLY CHAINS:The transparency imperative

17 August 2022

Queensland Exploration Council

Tech Summit



HOW CAN YOU VALIDATE YOUR ESG PRODUCT CLAIMS AND CHARACTERISTICS?



Origin



Human rights



Environmental Performance



Legality



Chain of Custody



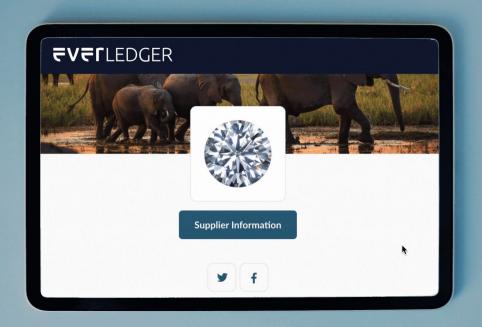
Circularity

EVERLEDGER PLATFORM: DIAMONDS

Case Study: We have made diamond origin discoverable

The Challenge:

Opaque chain of custody leading to questionable claims about origin, conflict free, worker rights and sustainability impact.

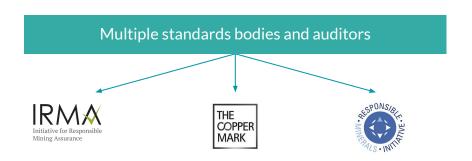




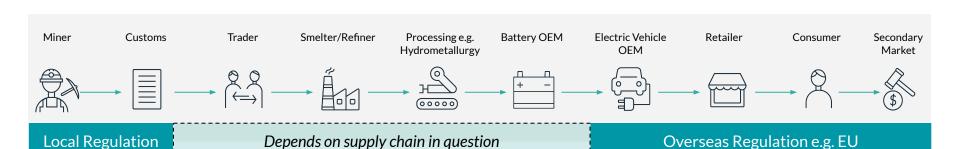
EVERLEDGER AWARDED PILOT - Digital Certification for Critical Minerals AUG 2021 - MAY 2022



ECOSYSTEM CONSIDERATIONS







Department of Environment and Science

Local and overseas regulations currently siloed







EVERLEDGER HAS ESTABLISHED RELATIONSHIPS IN INDUSTRY

Critical Minerals Pilot ecosystem

























+ Everledger has multiple deployments scaling in production across diamonds, gemstones, apparel, wine & spirits.

Battery traceability







US Dept of Energy & Ford







Circular Cars Initiative and Global Lighthouse
Network





Battery traceability platform





Department of Industry, Innovation and Science





Worked with Governments including UK, Canada, Japan, USA and NZ

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THE OPPORTUNITY

Lack of trust and transparency in supply chains:

We can't show, tell or sell our good story



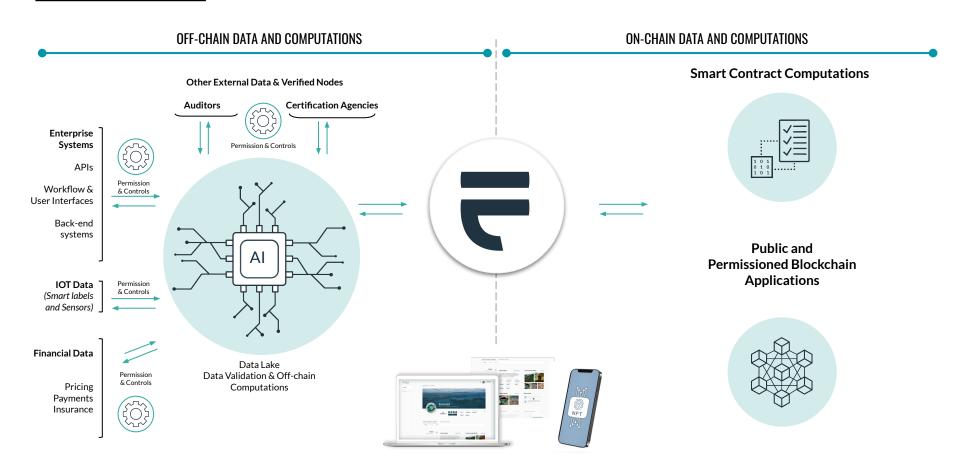
Transparency (ESG+) requirements are increasing



We could be more efficient

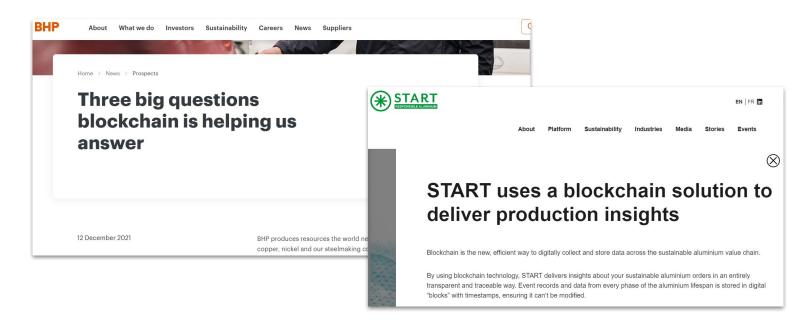


EVERLEDGER PLATFORM



BLOCKCHAIN: INDUSTRY ADOPTION

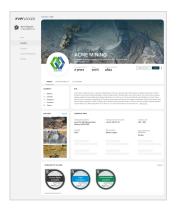
- "Why Blockchain?" / "Is it fit for purpose?" unequivocally yes
- Adoption across industry has begun (publicly and privately)
- Incredible potential to provide a level playing field for all industry players (including juniors)



SOLUTION OUTLINE - KEY COMPONENTS

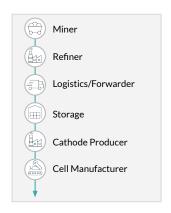


Entity Passport



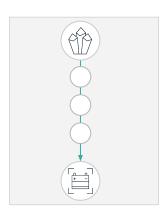


Supply Chain Passport





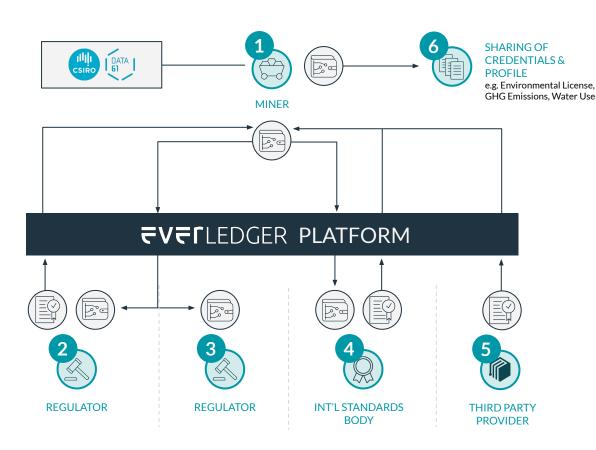
Material Passport



DATA CONNECTIVITY & PROVISION - data sovereignty, entity association from any operating system

BLOCKCHAIN PLATFORM - ensures data validation, integrity and privacy

ENTITY PASSPORT KEY FEATURE: CREDENTIAL MANAGEMENT



- 1. Supply Chain Participant shares data once with the Everledger Platform e.g. production output and requests credential from issuing party
- 2. Issuing regulator signs the data with their DID (digital identity) and issues credential(s) to the Supply Chain Participant
- 3. Data (and credentials) can be easily shared with other permissioned regulators
- 4. International Standards body verifies credentials in a similar manner and pulls data relevant to standard applications
- 5. Third party organisations also providing validated credentials e.g. water legislation compliance
- 6. Supply Chain Participant can enable its profile or single credentials with permissioned parties



Wallet and authentication supported by macrokey



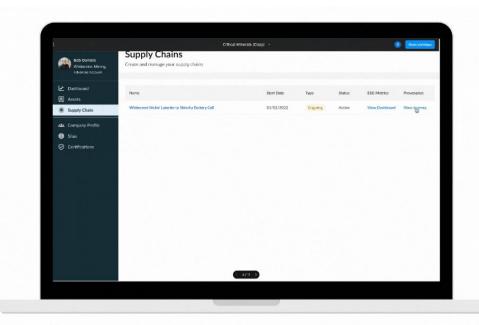


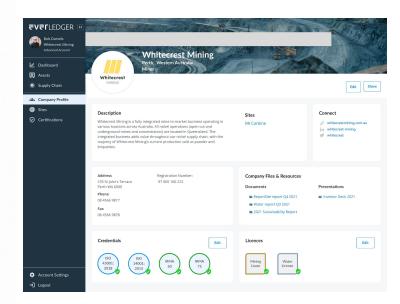
Credential

- ISO 14001
- ISO 45001
- IRMA Certifications

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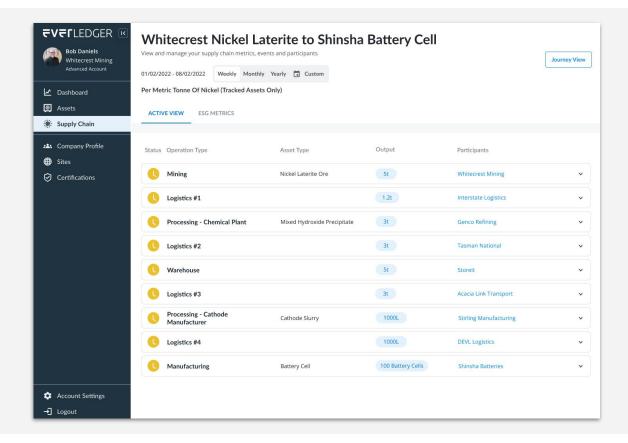
COMPANY STORY





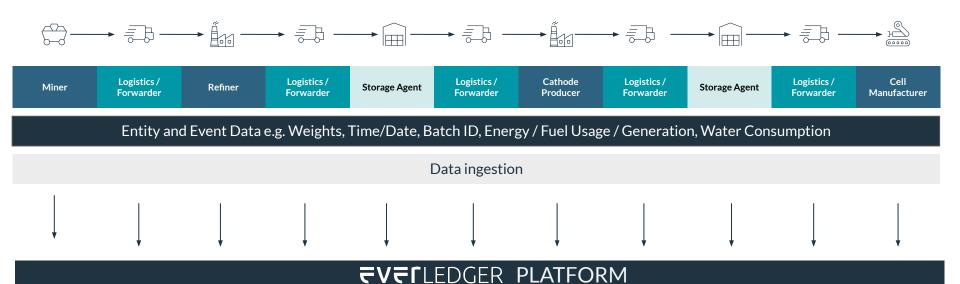
12 EVETLEDGER

SUPPLY CHAIN DIGITAL TWIN



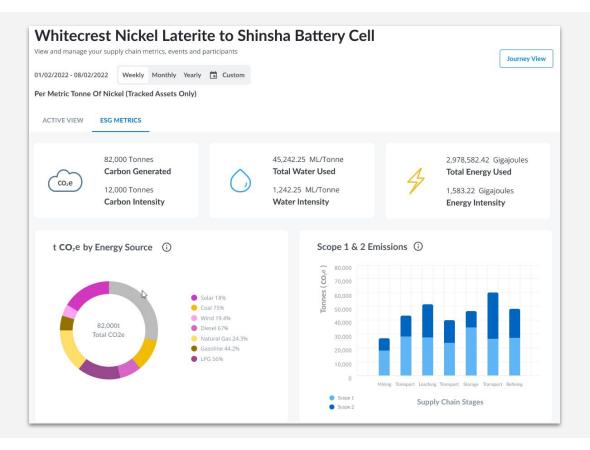
TRACING MATERIAL FLOW

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ESG REPORTING AND VISIBILITY - ACROSS THE SUPPLY CHAIN



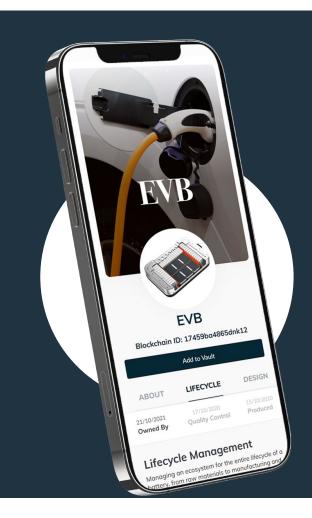
COMPARATIVE ADVANTAGE TO COMPETITIVE ADVANTAGE

Accessibility for all Australian miners to 'tell their story'

Enable efficient **verification** of claims across the value chain

Support efficiencies in demonstrating **compliance** at both local, state, federal and international level





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